VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE



	EVERYDAY	SCIENCE	·
1.	A piece of ice is dropped in a vessel containing kerosen	e. when the ice melts, the leve	l of kerosene will
-	a) Rise b) remain the same c) fall	d) none	
2.	World's smallest satellite designed by		
2	a) Rifath Farooq b) Singh bhati c) APJ	d) Annadurai	
3.	which among the following is not present in pure sugar	contra d) Oxygon	
Δ	Which among the following is Quick Silver?	ospilorus d) Oxygeli	
т.	a) Mercury b) Aluminium c) Lead d) Zin	с	
5.	Which of the following are respiratory roots?	-	
	a) Pneumatophoresb) Buttress roots c) Prop Roots	d) Tap Root	
6.	Potato is a modified form (out growth) of		
	a) Root b) Stem c) Fruit d)	Leaf	
7.	A spice obtained from style and stigma of a plant is		
0	a) Saffron b) Turmeric c) Coriander	d) Clove	
8.	The milky water of coconut is b) Liquid and account the b) Solid Endocrome	a) Emphasia d) All	
0	Most highly intelligent mammals are	c) Emoryo d) An	
9.	a) Whales b) Dolphins c) Elephants d) Kangaroos	
10.	Which of the following is the main nitrogenous waste i	in humans?	
	a) Ammonia b) Urea c) Uric acid d) A	mmonium nitrate	
	GENERAL S	STUDIES	
11.	What is the objective of the 'Jan Aushadhi Bal Mitra p	programme'?	
	a) Educate Children on PMBJP	b) Provide subsidised medici	nes to children
10	c) Provide subsidised medicines to pregnant women	d) Promote Investment in PN	1BJP
12.	which Union Ministry has constituted Swadesh Dars	han Awards?	
	c) Ministry of Culture	d) Ministry of Housing and I	Irban Affairs
13.	As per a recent report, what is the contribution of You	Tube creator system to Indian	GDP in 2020?
	a) Rs 1700 Crores b) Rs 3400 Crores c)	Rs 6800 Crores	d) Rs 8500 Crores
14.	Name a game that is associated with China Cup?		,
	a) Kabaadi b) Cricket	c) Gymnastics	d) Hockey
15.	Name the state that has the longest coastline in India?		
1.0	a) Andhra Pradesh b) Arunachal Prades	h c) Bihar	d) Gujarat
16.	when did the RTI Act come into force in India?	a) April 12, 2005	d) October 12, 2005
17	a) January 12, 2005 b) March 12, 2005 was the first mission to be operationalized under the	C) April 12, 2003	Change (NAPCC)
17.	a) Solar Cities Programme (SCP)	b) National Solar Mission (N	(INALCC)
	c) Solar Green Building (SGB)	d) Development of Solar Citi	es (DSC)
18.	PM Gatishakti is a transformative approach for economic C	Growth and Sustainable Developm	nent which focuses on
	a) Educational Development	b) Multimodal Connectivity	
	c) Empowerment of SHGs	d) Environmental Developme	ent
19.	Which is the international coalition of solar resource r	ich countries that are collective	ely addressing
	common challenges on solar energy applications?	b) International Solar Alliana	$(\mathbf{IS} \mathbf{A})$
	a) International Renewable Energy Agency (IRENA)	d) International Energy Agen	(ISA)
20.	Which one of the following Indicator is not used to ca	lculate Human Development I	ndex (HDI)?
	a) Life Expectancy b) CPI c) Educ	cation Index d) Per	Capital Income
	CURRENT A	AFFAIRS	L
21.	Economic Cooperation and Trade Agreement (ECTA)	between India and which cour	ntry is set to enter
	into force from December 2022?		
22	[A] UAE [B] Australia	[C] France	[D] Sri Lanka
22.	When is the 'Day of Remembrance for all Victims of (Chemical Warfare' observed?	[D] November 20
23	[A] November 5 [B] November 10 Which institution released a report titled 'Carbon Can	[C] November 15 bure Utilisation and Storage P	[D] November 30 olicy Framework'?
23.	[A] ISRO	lure, Ourisation, and Storage I	oncy manework :
	[C] NITI Aavog [D] Ministry	of Environment. Forest and Cli	imate Change
24.	Paubrasilia echinata is the national tree species of whi	ch country?	8-
	[A] Argentina [B] Japan	[C] Brazil	[D] Egypt
25.	Which country launched its latest nuclear stealth bomb	per named 'B-21'?	
	[A] Israel [B] Russia	[C] USA	[D] Ukraine
26.	Which company won the bid for the renovation of Dha	aravı, the second-largest slum of	colony in Asia?
77	[A] Adam Properties [B] DLF [C] Tata Co India supported the proposal of which country to inclu	Distruction [D] Shree Na	Maritime
21.	mara supported the proposal of which country to inclu	ue urgitization in international	wiaituille

	Organization's (IMO) Str	rategic Plan?				
	[A] USA	[B] Russia	[C]	UAE		[D] South Africa
28	Which country has added	l key anti-Pakistani mil	litant group	and its al-Qa	uida branch to	its list of 'global
	terrorists'?	2	0 1			C
	[A] India	[B] USA	[C]	Russia		[D] Australia
29.	Which Indian city is plac	ed at 22 nd rank in the	'Prime Glo	obal Cities Inc	dex Q3 2022'	?
	[A] New Delhi	[B] Mumbai	[C]	Chennai		[D] Kolkata
30.	'Plastic waste manageme	ent programme' is an in	nitiative of v	which global	institution?	
	[A] UNICEF	[B] UNDP	[C]	WEF		[D] World Bank
21	TC /1 C /1	QUANTIT			6.4 1	9
31.	If the average of three cos $a = 20$	h) 22	rs 1s 34, 1110	d the largest o	of these numb	ers?
37	a) 50 A nine can fill a tank in 6	0) 52 Shours and another nin	C) 34	U w the tank in) 30 12 hours If h	oth the nines are
52.	opened at the same time	the tank can be filled i	n Hours?	y the talk m	12 110015. 11 0	our the pipes are
	a) 10	b) 12	c) 14	d) 16	
33.	A shopkeeper sold an arti	icle for Rs. 2500. If the	e cost price	of the article	is Rs.2000, fi	ind the profit
	percent?		1		,	I
	a) 23	b) 25	c) 27	d) 29	
34.	Four years ago a man was	s 6 times as old as his s	son. After 1	6 years he wi	ill be twice as	old as his son.
	What is the present age o	f man and his son?				
	a) 60, 14	b) 33, 7	c) 35, 5	d) 36, 6	_
35.	A train moving at speed of	90 km/hr crosses a pole	in 7 seconds	s. Find the leng	th of the train	?
	a) 150 m	b)165 m	c) $\Gamma/0 \text{ m}$) 175 m	
36	Look at this series: XXIV		What nun	NING aber should fi	ll the blank?	
50.	(a) XXII	$(, \Lambda\Lambda, \underline{\ }, \Lambda\Pi, \vee\PiI, \ldots$	w nat nun	(c) XVI		VI (b)
37.	Which word does NOT b	elong with the others?		(0) 11 (1		(4) 1 (
	(a) Triangle	(b) Circle		(c) Oval		(d) Sphere
38.	Choose the pair that best	represents a similar rel	lationship to	o the one exp	ressed in the	original pair of
	words. JAUNDICE : LIV	/ER	-	-		
	(a) rash : skin	(b) dialysis : kidney	(c)	valentine : he	eart (d) in	magination : brain
39.	Find the word that names	s a necessary part of the	e underline	d word . <u>monc</u>	opoly	
10	(a) Corrupt	(b) Exclusive	``((c) Rich		(d) Gigantic
40.	Elated is to despondent as	s enlightened is to		M ²		(d) T -1
	(a) Aware	(b) Ignorant	(C) ອາຊາວ	Miserable		(d) Tolerant
/1	an international data	ால்லைர் நார்ந இ	த் மில் சேச்	नेन (कार्क्स)		
41.	அடைப்புக்குள் உள்ள வ.கவலைக்கு(கொடு)	அப்சிக்கவனக்கு(ெ விப்சிக்கவனக்கு(.ததலை சேர கொடு) இ.	கக. (குரல) உரிமைக்கு((கொடு) ஈ.க	விகைக்கு(கொடு)
42.	பா-இரு பொருள் கருக.	0.20.555.252.60	(J) 2012		(0.0.10)	
	அ.பாடல் - பண்	ஆ. பாசம் - பழம	Q .	பாழ் - பால்		ஈ. பழுது - பரி
43.	குறில்-நெடில் மாற்றம் பெ	ாருள் வேறுபாடு				
	செய் சேய் அ.பகுதி	–பாதி ஆசெயல்-குழர்	ந்தை இ.ெ	சயல-சேறு	ஈ.சேறு-குழந்ன	றத
44.	கீழ்க்கண்ட கூற்றுகள் சரி	ியா? துவறா? சன்னைல் சனிர்கட		~~~·		
	கூற்று : 1 தமழ் அதன் ₉ கூற்று · 2 கமிழில் பல (தலையையல் தலித்து ஜ சொம்கள் வரு பொருவ	ഴുവ്വാത്രന പ ബ ക്രീക്ക	യില് രങ്ങയില് പ്രവങ്ങല്പാം	று. உள்ளகால்	
	அ. கூற்று இரண்டும் சரி	ஆ. கூற்று 2 மட்டும் ச	ரி இ. கூற்	நு 1 மட்டும்	சரி ஈ. கூற்று	இரண்டும் தவறு
45.	பாகற்காய் - பிரித்து எழு	துக.				
	அ. பாகு ூற்காய்	ஆ. பாகற் ூகாய் 🤉	இ. பாகு _ஆ ,	அல் ூகாய்	ஈ. பாகூ ூ	கல், காய்
46.	பொருந்தாச் சொல்லைக்	கண்டறிக. வு மாமார்கா இயல	ை வார்	ட் ரிர் ரீ ரை எண்(ு பட்டா வெப்பா	<u>ச்</u> டொமார் நடலார்பர் நனி
47	அ.மணத்தக்காள்-வாய்ப்புண் மாபப்பிமை இல்லாக கெ	ஆ.முசுமுசுகலைக-ஜரும ாடர் எகு!?	ത ജ.എമ്	ഉത്തെന്ന് കംസ്പാം പാംഗ്രം പ്രത്യം പ പ്രത്യം പ്രത്യം പ	ച്ചവ എ.രംവവം	ചരമ്പന്ദ്ര്ഥ്യി-ന്വിപ്പുക്ഷം
	அ.தென்னை ஓலையும் லே	வப்ப ஒலையும் கொண்	ாடு வந்தான்	ſ		
	ஆ. தென்னை இலையும்	வேப்பந்தழையும் கொ	ண்டு வந்தா	ன்		
	இ. தென்னங்கீற்றும் வேப் –	ப ஒலையும் கொண்டு	வந்தான் ்			
18	⊮. ⊌தன்னங்கற்றும் வேபட வங்ரிலர் Ωரால்லர்க இ	பந்தழையும் ⊌காண்டு எ ணையான ாலிம்ர்⊖ாா	வந்தான. ல்லைர் சோ			
1 0.	എല്ലാത്താന് എല്ലാറായിയായ്യ "എപ്രത്താനില് തുന്നത്തെ പ	ട്ടത്തായവായ ഉലുള്ളത്തി എണ്ണാഹം	ംറംബാറ്റെ രപ്പ	ഗ്വ് യാന്ഥായം.		
	் ஐுண்ணையில் ரூரி <u>சு உந</u> அ.இந்தியச் சான்னச் சட்ட	வலாஸழல யுஉவ வ இர்ச	திய உரிவை	றச் சப்பம்		
	இ. இந்திய வாரிசுரிமைச்	 சட்டம் ஈ.இந்தி	ய அரசியல்	் அமைப்புச்	சட்டம்	
49.	ஒரு பொருள் தரும் பல	சொற்கள் 'அரி்' எ	ன்பதன் தஎ	ப்றான பொருக	ளைத் தேர்ந்ெ	தடுக்க.
	அ. திருமால்	. அரிதல் 	இ. சிங்	கம்	ஈ. அறிவு	
50.	கல் என்னும் வேர்ச்சொ வ சும்ஜல்	லலின பதம் அறிக? வ சுற்பனை	⋒	ல் ான்	പ പര്ഗരം	
	പ്. യിന്റംറ	പ്പം. യവ്വത്തം	පූ. සම		rr. 000000000	

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ANSWERS: GENERAL KNOWLEDGE

(24-12-2022)



EVERYDAY SCIENCE 1. A 2.A 3. A 5.A 6.B 7.A 8.A 9.B 10.B 4.A **GENERAL STUDIES** 12.B 13.C 14.C 11.A 15.D 16.D 17.B 18.B 19.B 20.B **CURRENT AFFAIRS** 21.B 22.D 23.C 24.C 25.C 26.A 27.C 28.B 29.B 30.B

QUANTITATIVE APTITUDE : 31.D 32.B 33.B 34 A 35.D

- 31. D The consecutive three numbers are x-2, x & x+2. If the average is 34, [(x-2)+x+(x+2)]/3 = 34. Therefore 3x / 3 = 34.(i.e) x = 34. Hence the largest number x+2=36
- 32. B Filling pipe work done per hour = 1/6Total work done = 1/6 - 1/12 = 1/12 (+) Emptying pipe work done per hour = 1/12(-)Tank will be filled in 12 hours
- 33. B Selling Price (SP) = Rs. 2500/- Cost Price (CP) = Rs. 2000/- Profit (P) = SP CP = Rs. 500/-Profit % = P/CP X 100 = 500/2000 X 100 = 25%
- 34. A Let the son current age be x.
Then, 4x = 56 implies x = 14Given, 6(x 4) = 2(x + 16)
So, Son age is 14, Father's age is 606x 24 = 2x + 32
- 35. D Train speed = 90 kmph = 90 X 5/18 mps = 5 X 5 = 25 mps Length of the train = Speed X time = 7 X 25 m = 175 m Crossed the Pole in 7 seconds.

TEST OF REASONING : 36.C 37.A 38.A 39.B 40.B

- 36 C XVI: This is a simple subtraction series; eachnumber is 4 less than the previous number.
- 37. A Triangle: A circle, oval, and sphere are all circular shapes with no angles. A triangle is a different kind of shape with angles and three straight sides.
- 38. A rash : skin:Jaundice is an indication of a liver problem; rash is an indication of a skin problem
- 39. B exclusive: The essential part of a monopoly is that it involves exclusive ownership or control.
- 40. B ignorant: Elated is the opposite of despondent; enlightenedis the opposite of ignorant.

தமிழ் விடைகள்: 41.இ 42.அ 43.அ 44.அ 45.இ 46.ஈ 47.ஈ 48.ஆ 49.ஈ 50.அ

VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE 31-1



1.	What is the SI unit of rad	lioactivity?					
	(a) Becquerel	(b) Candela		(c) Curie		(d) Henry	
2.	The colour of light that the	ravels through glass w	ith maximun	n speed is			
2	(a) Violet	(b) Blue		(c) Red		(d) Green	
3.	I he state having the high	test area under fruits. (b) Tamil Nad	11	(a) Maharasht	ro	(d) Karnataka	
Δ	(a) Anuma Flauesh The "Green planet" of so	(0) Lanni Mau	u	(c) Manarasht	la	(u) Kalilataka	
	(a) Saturn	(b) Uranus		(c) Mars		(d) Neptune	
5.	Central Rise Research In	stitute is located in wh	ich of the fo	llowing states?		() 1	
	(a) New Delhi	(b) Punjab		(c) Odisha		(d) Tamil Nad	u
6.	Deficiency of which vita	min causes lowering o	f red blood c	ells.			
7	(a) Vitamin-A	(b) Vitamin-C		(c) Vitamin-E		(d) Vitamin-B	12
7.	(a) thymine	(b) uracil		(c) guanine		(d) adenine	
8.	Carbonic anhydrase is an	example of		(c) guainie		(d) declime	
	(a) Hydrolysis enzyme	(b) Redox enz	yme	(c) O ₂ transpor	rt protein	(d) Heme prot	ein
9.	The most basic amino ac	id among the followin	g is				
10	(a) tyrosine	(b) methionin	e	(c) arginine		(d) glutamine	
10.	The amount of water retains (a) soil water	uned by soil after drain (b) field consists	age is know	n as	(d) gray	vitational consoi	tx 7
	(a) soli water	(b) field capacity	(0)1	iiiierai water	(u) grav	national capaci	ty
		GENE	RAL STUD	DIES			
11.	Jaundice affected which	part of the human bod	У				
	A) Liver	B) Kidney	C) H	Ieart	D)	Lungs	
12.	Louis Braille is known f	or the invention of					
	A) Printing press	B) Power loom	C) F	Photography	D) Printing	g for the blind	
13.	A person with stones in	the kidney is advised t	o avoid?				
	A) Vinegar	B) Lemon	C) 7	Tomato	D)	Lentils	
14.	Which among the follow	ving is poorest source	of Fat?				
	A) Curd	B) Fish	C) E	Egg	D)	Milk	
15.	Red list of threatened sp	ecies is released by	C) I	UCN		CITES	
16	Which state has the lowe	B) UNESCO	C) I	UCIN	D)	CIILS	
10.	A) Guiarat	B) Uttar Pradesh	C) A	Andhra Pradesh	D)	Harvana	
17.	Which of the following b	ank is primarily focus	ed on the dev	velopment of the l	MSME (Mi	cro, Small and	
	Medium Enterprises) sec	ctor?		1	,	,	
	A) Reserve Bank of Indi	a	B) National	Bank for Agricul	ture and Ru	ural Developme	nt
	C) State Bank of India		D) Small In	dustries Develop	ment Bank	of India	
18.	Which of the following is	s NOT a public sector	insurance co	mpany?			
	A) United India Insurance	ce Company	B) The Nev	v India Assurance	Company	Limited	
10	C) SBI Life Insurance	c c	D) General	Insurance Corpor	ation of Inc	lia	
19.	Which of the following is	s not a type of comput	$\frac{c}{C}$		D)	FRODIC	
20	Which of the accompany	ing social characterist	c is created l	by tournaments ar	D	embers:	
20.	A) Tolerance	B) Sympathy	C) (Cooperation	nong the m D)	All of the above	е
		_) ~ J F J			_ ,		
		CURF	ENT AFFA	IRS			
21.	Which month has been of	bserved as the 'Adopti	on Awarene	ss Month' by Cen	tral Adopti	on Resource	
	Authority (CARA)?		[0]	T			
$\gamma\gamma$	[A] November ParakramDiwas is celebr	[B] December	[C] . r Memorial	January situated in which	[D] state?	J February	
	[A] Rajasthan	[B] Punjab	[C]	Gujarat	[D]] Maharashtra	
23.	Which cyclone recently f	formed over Bay of Be	ngal, crossin	g the coasts of so	uthern state	s	
	[A] Asani	[B] Mandous	[C]	Sitrang	[D]] Mocha	
24.	Sukhvinder Singh Sukhu	was sworn in as the C	hief Ministe	r of which state?			
25	[A] Goa The Indian Air Earce (IA	[B] Gujarat	[C]	Himachal Pradesh	n [D]	J Uttarakhand	
<i>4</i> J.	[A] Southern region	[B] North-West regio	n [C]	Eastern region		Northern reg	
			r - 1	\mathcal{O}^{-1}	L -	- 8	

26.	Tourism Minister recent	dedicated four projects	s under Swadesh Darsh	nan scheme from	n which state/UT?
27.	India received Rafale air	craft from which count	rv?		
	[A] France	[B] Australia	[C] Germany		[D] Israel
28.	When is the 'National M	athematics Day' observ	ved every year?		
20	[A] 18 December	[B] 22 December	[C] 25 Decem	lber	[D] 27 December
29.	Which Ministry is associ	ated with 'One Rank C	one Pension (OROP)	scheme?	ry of Corporate Aff
30.	Which country is the FIF	⁷ A World Cup champic	on in the year 2022?		ry of corporate 741
	[A] France	[B] Argentina	[C] England		[D] Morocco
21			ATIVE APTITUDE	A second second second	D and C is 25 man
51.	what will be age of C aft	ige age of A and B was	s 20 years. If today ave	erage age of A,	B and C is 25 years,
	a) 32 years	b) 34 years	c) 36 years	d)38 years	
32.	If $(2^p + 1)$ is a prime num	nber, which one of the	following digits could	l be the value of	f p?
	a) 3	b) 4	c) 5	d) 6	
33.	If two spheres have their 2×27	r radii in the ratio 2: 3, $(2, 3)$	the ratio of their volume 2×12	$\frac{1}{1} + \frac{15}{1}$	
34	a) $\delta : 27$ An aeroplane covers a ce	D) 4 : 9 Artain distance at a spee	c = 0.012	u) 1 : 15 Surs To cover f	he same distance in
511	1 2/3 hours, it must tra	avel at a speed of:			
	a) 300 kmph	b) 360 kmph	c) 600 kmph	d) 720 kmph	
35.	In an election, 2 candidat	tes participate in which	the winner gets 60%	of the total vote	es, and he wins the
	election by 2000 votes. F	Find the total number of $b \in 400$	f votes in the election. (2)	d) 12250	
	a) 5200	0) 0400	c) 10000	u) 15250	
		TEST (DF REASONING		
36.	Joke: Laughter				
27	A. Story: Mystery	B. Horror: Fear	C. Eyes: Tear	.s	D. Actor: Acting
37.	In a certain code, ARMY	a swritten as ASOB. F	Tow is JUDGE written	i in that code?	DIWCKI
38.	Which word does not be	long to others?	C. HCPD		D. J WORJ
	A. Whale	B. Snake	C. Duck		D. Tortoise
39.	Find the next two number	ers in the series, 52, 50,	48, 44, 42, 40, 36_,_		
40	A. 33, 31	B. 34, 32	C. 34, 30		D. 32, 30
40.	A Wing	B Fin	C Beak		D Rudder
	11. () 11.9	D. 1 m	C. Doux		D. Rudder
			தமிழ்		
<u>41.</u>	<u>_2022</u> ஆம் ஆண்டிற்கான	சாகித்திய அகாதமி எ	விருது பெற்ற நூல் எ	து ?	
	அ)தமிழின்பம் ஆ)மா	தொருபாகன்	இ)இயந்திரம்	ஈ)காலாபான	វា
42.	திருக்குறளில் உள்ள பா	īல் எத்தனை ?			
	அ)பத்து ஆ)ஏடு	Ð	இ)மூன்று	ஈ) ஒன்பது	
43.	கோவலன் கொலைக்கள	ளப்பட்ட செய்தி கூறு -	ம் நூல் எது?		
	அ)சீவக சிந்தாமணி	ஆ)பெர <u>ு</u> ங்கதை	இ)நீலகேசி	ஈ)சிலம்பு	
44.	நெடுந்தொகை என அல	றழக்கப்படும் நூல் எத	<u>(</u> لا		
	அ)அகநானூறு	ஆ)புறநானூற <u>ு</u>	இ)கலித்தொகை	ஈ)நற்றிணை	
45.	அந்தாதி இலக்கியத்தை	தத் தோற்றுவித்தவர்	шпђ?		
	அ)காரைக்கால் அம்மை	யார் ஆஞானசம்பு	ந்தர் இ)சேக்கிழா	ர் ஈ)நம்ப	பியாண்டார்நம்பி
46.	தேம்பாவணியின் கதை	நத் தலைவர் யார்?			
	அ)இயேசுநாதர் ஆ)சூல	ரையப்பர்	இ)யோவான்	ஈ) மத்தேயு	
47.	செங்கரும்பு என்பதன் இ	<u>இ</u> லக்கணக் குறிப்பு ய	ாது?		
	அ)உம்மைத்தொகை	ஆ)பண்புத்தொகை	இ)வினைத்தொகை	ஈ)உவமைத்	தொகை
48.	குறிஞ்சித்திணையின்	ிதய்வம் யார்? -	_		
	அ)சேயோன்	ஆ)மாயோன் 	இ)வருணன்	ஈ)இந்திரன்	
49.	கீழ்க்கண்டவற்றுள் வி	னையெச்சம்எது?			
	அ)வந்த மனிதன்	ஆ)வராத மனிதன் -	இ)வந்துசென்றான்	ஈ) வரும் மன	ரிதன்
50,	மாரி என்ற சொல்லின்	பொருள் யாது?			
	அ) நிலம்	ஆ) மழை	இ) நெருப்பு	ஈ) காற்று	

ANSWERS: GENERAL KNOWLEDGE

(31 - 12 - 2022)



21. A. Central Adoption Resource Authority (CARA) has observed 'Adoption Awareness Month' in November. As part of the 'Adoption Awareness Month', CARA organised 10 State orientation programmes, 200 special social media campaigns, held meets with Prospective Adoptive Parents. CARA is a statutory body of the Ministry of Women and Child Development.

22. A. To mark the 51st anniversary of India's victory in the Longewala battle during the India-Pakistan war, Parakram Diwas was celebrated at Jaisalmer Military Station and Longewala War Memorial in Rajasthan. The ongewala battle between India and Pakistan was held in 1971.

23. B. Cyclone Mandous lies over southwest Bay of Bengal, about 620 km southeast of Chennai. The storm is likely to cross the coasts of north Tamil Nadu, Puducherry and Andhra Pradesh between Puducherry and Sriharikota. Under its influence, rainfall is expected over parts of coastal Tamil Nadu, Puducherry and Andhra Pradesh for two days. Red alert has already been issued for Coastal Andhra Pradesh, Tamil Nadu and Puducherry.

24. C. Sukhvinder Singh Sukhu has recently sworn in as the next Chief Minister of Himachal Pradesh. He was a four-time MLA and chairman of the Congress' state election campaign committee. MukeshAgnihotri has been selected as the Deputy Chief Minister. The Indian National Congress party won the Himachal Pradesh state assembly elections.

25. C. The Indian Air Force (IAF) is set to conduct its annual air exercise in the eastern sector, amid the fresh tensions along the Line of Actual Control (LAC) in Arunachal Pradesh. The exercise is set to see the activation of IAF bases in the areas around Tezpur, Chhabua, Jorhat in Assam and Hashimara in West Bengal. Fighter jets, transport aircraft, helicopters and Unmanned Aerial Vehicles (UAVs) will participate in the exercise.

26. B. Union Tourism minister dedicated four projects under Swadesh Darshan scheme to nation in Puducherry. The minister also inaugurated the Puducherry Shopping Festival 2022 logo. The festival aims to promote business tourism and trade, by creating unique shopping experiences for the tourists visiting Puducherry.

27. A. India has received all 36 Rafale aircraft from France, with the last aircraft landing in the country recently. India and France signed the inter-government agreement in 2016, under which France agreed to provide 36 Rafale fighter jets at a cost of around 60,000 crore rupees to India.

28. B National Mathematics Day is observed on December 22 every year. It marks the birth anniversary of legendary mathematician SrinivasaRamanujan. In 2012, then Prime Minister Manmohan Singh declared December 22 as National Mathematics Day. SrinivasaRamanujan, a legendary mathematician, was born on December 22, 1887 and his contribution the field led to resolution of many unsolved theorems.

29. B. The Union Cabinet approved pending One Rank One Pension (OROP) revision for retirees from armed forces and their families. The scheme has been delayed since July 2019. Arrears will be paid from July 1, 2019 to June 30, 2022 which is approximately Rs. 23,638 crores. As per the Defence Ministry, over 25.13 lakh people, including over 4.52 lakh new beneficiaries, armed forces pensioners and family pensioners will benefit.

30. B. Argentina became FIFA World Cup champion by beating the defending Champion France 4-2 in penalties. Argentina lifted the FIFA World Cup title for the third time. KylianMbappe scored a hat-trick for France, while Argentina captain Lionel Messi scored a brace and Angel di Maria netted one goal for Argentina.

34 D 35.C **QUANTITATIVE APTITUDE :** 31.B 32.B 33.A

Total age of A and B four years ago=20*2=40 years, Present total age of A and B would be=40+4*2=48 years 31. **B** Present total age of A, B and C is = 25 * 3 = 75 years,

 \therefore Present age of C would be = 75 - 48 = 27 years, Age of C after 7 years = 27 + 7 = 34 years

- 32. B In such questions, each alternative should be tried. So, if P = 3, we will get; 8 + 1 = 9If P = 4, we will get; 16+1 = 17, If P = 5, we will get; 32+1 = 33, If P = 6, we will get; 64+1=65Out of the four results, only 17 is the prime number. So, the required value of the P is 4.
- 33. A Let the radius of both the spheres be 'r' and 'R', respectively. r: R = 2: 3
- Volume of sphere =4/3 πr^3 , Ratio between the volume of spheres=(4/3 πr^3) / (4/3 πR^3)=2³/3³=8/27=8:27 34. D Distance = (240 x 5) = 1200 km. Speed = Distance/Time
- Speed = 1200/(5/3) km/hr. [We can write 1 2/3 hours as 5/3 hours] •• Required speed = $(1200 \times 3/5)$ km/hr = 720 km/hr.

35. C Let total votes = 100

So, as per question, the winner gets 60 votes and the loser gets 40 votes.

Now, the difference between votes = 20, but ATQ, it is 2000.

So, we have to multiply 20 by 100 to make it equal to 2000.

So, 100 (the assumed total votes) are also required to be multiplied with 100.

Therefore, the total votes = 100 * 100 = 10000.

TEST OF REASONING : 36.B 37.B 38.A 39.B 40.C

36. B A joke results in laughter and horror result in fear.

- 37. B The first letter in the word ARMY remains same and the second, third and fourth letters are moved one, two and three steps forward respectively. Following the same coding, J will be coded as J, U as V, D as F, G as J and E as I, So, the JUDGE is written as JVFJI
- 38. A All lay eggs except whale.
- 39. B This is an alternative subtraction series; 2 is subtraction twice, then 4 is subtracted once and so on. Therefore, the next two number are 34 and 32.
- 40. C Rest are parts of an aero plane.

தமிழ் விடைகள்:

41.ஈ)காலாபாணி 42.இ)மூன்று 43.ஈ)சிலம்பு 44.அ)அகநானூறு 45அ)காரைக்கால் அம்மையார் 46.ஆ)தசையப்பர் 47.ஆ)பண்புத்தொகை 48.அசேயோன் 49.இ)வந்துசென்றான் 50.ஆ)மழை

VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE 07-01



	EVERYDAY	SCIENCE	
1.	Which of the following gland is present in the human n	nouth?	v
	a) Adrenal b) Pituitary	c) Gonads	d) Salivary
2.	Name the part of the body on which corona virus affect	ets the most?	, ,
	a) Heart b) liver	c) kidney	d) Lungs
3.	What is the name of juice secreted from the gall bladde	er?	
	a) Saliva b) Hydrochloric acid	c) Bile juice	d) Maltase
4.	Name the fabric which is used in making bulletproof j	ackets	
	a) Iron b) Aluminum	c) Steel	d) Kevlar
5.	Which one has the highest density?		
	a) Snow b) Teflon	c) Soil	d) Sand
6.	Which of the following topology is used in Ethernet?		
	a) Ring topology b) Bus topology	c) Mesh topology	d) Star topology
7.	Which among the following is not a true fruit?		
	a) Plum b) Dates	c) Grape	d) Apple
8.	Where is the Forest Research Institute located?		
0	a) Lucknow b) Delhi	c) Bhopal	d) Dehradun
9.	Which of the following is indicated by the colour of a s	star?	1) C'
10	a) weight b) Distance	c) Temperature	d) Size
10.	a) compound (b) cloment	a) isotopo	d) isotopos
	a) compound b) element	c) isotope	d) isotones
	CENERAL	STUDIFS	
11	Development expenditure of the Central government	does not include	
	A. Defence expenditure	B. Expenditure on eco	onomic services
	C. Expenditure on social and community services	D. Grant to states	
12.	Gilt-edged market means		
	A. Bullion Market B.Market of Government Securitie	es C.Market of Guns D. M	larket of Pure Metals
13.	In the last one decade, which one among the following	g sectors has attracted the highe	est foreign direct
	investment inflows into India?		
	A. Chemicals other than fertilizers B. Services sector	or C.Food processing D. Tel	ecommunication
14.	The currency convertibility concept in its original for	m originated in	
	A. Wells Agreement B. Bretton Woods Agreement	C. Taylors Agreement D. N	None of the above
15.	Under Akbar, the Mir Bakshi was required to look aft	er	1 1
10	A. Military affairs B. The state treasury C. I	he royal household D. The	e land revenue system
10.	A Diguada Destructure Destruct	Se plate of the emblem of india	D Demovione
17	A. Nigveda D.Salpali Dialillana C The head quarters of Sabitya Akademiis at		D. Kalilayalla
17.	A Mumbai B Chennai	C New Delhi	D Kolkata
18	The National Song of India was composed by	C. New Denn	Dirtoikutu
10.	A. Rabindranath Tagore B. Bankim Chandra Cha	tterii C.Iobal D.	Jai Shankar Prasad
19.	The Nagaland State of India cannot be termed as a sta	te because it lacks	
	A. sovereignty B. bicameral legislature C. a high	court exclusively of its own	D. None of the above
20.	The president can be removed from his office before the ex-	xpiry of his normal term only on the	he recommendation of
	A. the Supreme Court B. the chief justice of India	C. council of ministers D.the two	Houses of Parliament
		~	
• •	CURRENT	AFFAIRS	
21.	Among the five monolithic rathas of Pallavas at Maha	abalipuram, the largest is?	
22	[A] Arjuna [B] Bnima	[C] Dharmaraja	
22.	Jaguish Knebudkar was a renowned poet and lyncist ([C] Kanada	inguages?
72	[A] Marauli [D] Kolikalii How Kumbh mala is organized in India?		[D] Gujaratin
23.	[A] Every 4 years at 3 location	[B] Every 12 years at	1 locations
	[C] Every 3 years at 4 locations	[D] Every 4 years at 4	4 locations
24	Which among the following place is not associated w	ith Jain Temples?	liocations
21.	[A] Sravanbelgola [B] Palitana	[C] Khandgiri	[D] Ratnagiri
25.	Which period is regarded as the Golden age of Telugr	i literature?	[] - uuuuBiii
	[A] Satavahana rule [B] Eastern Chalukvan rule	[C] Vijayanagara rule	[D] Kakatiya rule
26.	Which of the following schools of thoughts was estab	olished by Makkhali Gosala?	
	[A] Ajivika [B] Charvaka	[C] Lokayat	[D] Vaisesika
27.	Which of the following school of Hindu philosophy asserts	s that Moksha is gained through r	ight knowledge?
	[A] Yoga [B] Samkhya	[C] Mimansa	[D] Nyaya

[A] Yoga[B] Samkhya[C] Mimansa[D] Nyaya28. Nyaya school's epistemology accepts four out of how manyPramanas as reliable means of gaining knowledge?[A] Seven pramanas[B] Six pramanas[C] Eight pramanas[D] Nine pramanas

29.	To which of the following	states does the folk	song 'Bhaw	aiya' belong?		
	[A] Jharkhand	[B] Chhattisg	arh	[C] West Be	engal	[D] Odisha
30.	'All souls day' is a festiva	l of which religion?	-		U	
	[A] Muslim	[B] Christian		[C] Jainism	l	[D] Buddhism
		QUANTI	FATIVE A	PTITUDE		
31.	Find the product of (8.77	x 8.77 x 8.77 + 4.23 x	4.23 x 4.23	3) / (8.77 x 8.77 - 8	8.77 x 4.23	3 + 4.23 x 4.23)?
	A. 11	B. 4.54	C.	8.77		D. 13
32.	Three years back average ag	e of A and B was 32.	Foday averag	e age of A, B and	C is 30. WI	hat is the age of C?
	A. 5	B. 15	C.	20		D. 10
33.	I forgot the last digit of a 7	7 digit telephone nur	nber. If one	randomly dial th	e final thre	e digits after
	correctly dialing the four,	then what is the cha	nce of diali	ng the correct nu	mber?	C
	A. 1/1000	B. 4/1000	C.	7/1000		D. 3/1000
34.	Find the remainder when 6	67^{99} is divided by 7.				
	A. 4	B. 6	C.	1		D. 2
35.	The difference between sir	nple and compound	interest for t	he fourth year is	Rs. 7280 a	at 20% p.a. What is
	the principal sum?				1007200	
	A. 78653	B. 67000	C	50000		D. 55000
		TEST	OF REAS)NING		2.00000
	Based on the alphanum	neric series aiven t	pelow ans	ver the following	a questio	ns:
	Alphanumeric Series: V	V % ^ K V P 1 I 7 F	= 0 & 2 9 A	F7N4*@U	? M	
36	How many numbers in the	series are preceded	by a vowel))		
50.	a) Four	b) Two	c) One	Т (b	hree	
37	What is the second elemen	t from the right of 7t	th element f	rom left?	linee	
57.	a) K	h) V	c) 1	d) 7		
	Refer to the numerical s	eries aiven helow :	and answe	r the following c	nuestions.	
	435 224 786 823 902	ches given below t		r the following c		
38	When all the digits in each	of the given number	rs are arrand	red in ascending	order whi	ch number becomes
50.	the highest?	or the given number		,eu in ascending (en number becomes
	a) 435	b) 224	c) 786	a (b	73	
39	Find the odd one out from	the given nairs	c) /00	u) 02	25	
57.	a) 5:15	b) 24.70	c) 33.99	d)12	1.363	
40	Introducing a man a wom	an said 'He is the or	vly son of m	v mother's mothe	r " How ie	s the woman related
10.	to the man?		ny son or m	y moments mount	. 110 W I	, the woman related
	a) Mother	b) Aunt	c) Sister	d) N	iece	
		J I Kuint	តាម្នាល់ ក្រោះ	u) 1 (1000	
<i>I</i> 1	பொரர் பட இணையினைர் ப	-ഞ്പനിന	лы р			
41.	அ.களிறுஎறிந்து இணையணைக் க	ணடறக. ளைக்குக் கடனே-பாநா	ഞ്ഞ്ഞ് ച	டி. உமுதுண்டுவாம்வ	ாளேவாம்வா	ர்-கிருக்குறு
	இ.கூடலில் ஆய்ந்தஒண்தீந்தம	ிழன்-சிலப்பதிகாரம்	بي مع مع مع ۱	.பண்ணொடுதமிழெ	ாப்பாய்-தேல	ர தகைகள் பாரம்
42.	'திரிகடுகம்'பற்றிய கூற்றுகளி	ல் பொருத்தமானவற்ன	றக் குறிப்பிக			
	அ.திரிகடுகம் 102 வெண்பாக்க	களைஉடையது. • • •		<u>ஆ</u> .திரிகடுகத்தின் அ	ஆசிரியர் நஎ	ல்ாதனார்
	இதிரிக்குகம் பதின்னை கழக நாக்கா மின்கு கிப்பிலியால் இ	கணக்கு நூல்களுள் பனமருந்துத்துப்பெயர் ப	ஒன்று சிரிசும்சும்			
43	ா.பக்கள் வாகம் பன்னகம் பணி	நனமருற்றுக்குப்பையுர் ஒ வென்னும் சொம்களின்	தாராகருக்க. பொருள்	என்பகாகம்		
15.	அ. கரடி	ച്ചു. ല്വാഞ്ഞ	©⊡niijon 	முதலை		ஈ.பாம்பு
44.	பட்டியல் 1 ஐயும் 2 ஐயும் (பொருத்திஉரியவிடைன	யத் தேர்க.			•
	அ.பாடுஎனக் கூறியவுடன் பா(டுபவர்-1.சித்திரகவி	ୢୖୢୄ୷ୢଡ଼	சைநலம் சிறக்கப்	பாடுபவர்-2.	வித்தாரகவி
	இ.தொடர்நிலைச்செய்யுள் பா(டுபவர்-3.ஆசுகவி வ. 4.2.1.2	ল.68	சால்லணிஅமைத்துட 1, 1, 4, 2	ப்பாடுபவர்-4.	. மதுரகவி ஈ 2 0 1 4
15		ஆ. 4,3,1,2 பயல் ரிஜப்பட்ட பெயர்ந்த	ஆ. நாபட் பொர	2,1,4,3 பர்ரிரீடுமர்		1.5,2,1,4
45.	கொடுக்கப்பட்டுள்ளசரியானவி	ரயும் சற்பபுப் வயர்க வையைக் கேர்வசெய்க	ം പെപ്പന്ന പെപ്പ	൭൭൭഻഻ൕഄ഻ൄൕ		
	மூலிகையின் பொதுப்பெயர்	···	சிறப்புப்ெ	பயர்		
	அ. தூதுவளை		1. கும	ரி		
	ஆ. கற்றாழை ைசுரிசலாங்கண்ணி		2. ஞா 3 இர்	னப்பச்சிலை சிபாலார் சா		
	ള. ത്രദാണ്ചായത്തി ഒ ക്രദ്ധമണക		ு. துற 4 கே	தயமருந்து காரசம்		
	의. 4, 3, 1, 2 의. 3, 4	, 2, 1	Q . 1, 2, 3	, 4	₩. 2, 1,	, 4, 3
46.	கீழ்க்காணும் கூற்றுகளில் பெ	பாத்தமற்றதைத் தேர்வு	செய்க.			
	அ. தந்தைபெரியார் 'பகுத்தறி	வாளர் சங்கத்தை'நிறு	வினார்.ஆ. ெ	பரியார் கள்ளுக்கஎ	டமறியலில்	் ஈடுபட்டார்.
	இ. பெரியார் மகாத்மாகாந்திய	ின் தொண்டர் ஆனார். சில் பன்டோ		-A		
17	ஈ. ஒத்துழையாமை இயக்கத்த	ട്ടിல	ரைஆணடுகள ∙ ∙ ∙	சிறைவாசம அனு ்	பவித்தார்.	
47.	காநதியடிகளால் ததுதெடுக்க	ப்பட்டம்கள் என்றுஅன் சில்லையாமவன்ளியம்	ழக்கப்பட்டவர வை	ர யார <i>!</i> இலுக்கலையல்லா	ன் ஈலே	லாசாக்கியார்
48	கிருக்கோட்டியர் நம்பியால் '	പ്പെപ്രംബൻ വിവിച്ചും പെട്ടും പ	ം ചഞ്ഞപ്പ്പ്	த. அளுசலையம்மா டவர் பார்?		
10.	அ.நாகம்னிகள் 	ூலாமாகார் என்று. ஆ.இராமாஙசர்	ചലലയപ്പെയപ്പ പ്ര		TTTT TF. LOG	னவாளமாமுனிகள்
49.	புகைப்பமக்கக்கைக் ககைக்	ஆகுவாகக் கொண்டமெ	ு: ல்லமெல்ல ா	 று என்ற சிறுகசை	யின் அசிரி	luij
	அ.இலட்சுமி ,	ஆ.சுஜாதா		, , , , , , , , , , , , , , , , , , ,	- <u>- o</u> y	· ஈ.தாமரை
50.	துய்ப்ளேஆட்சியில் ஆளுநர்	மாளிகைகக்குள் பல்ல	பக்கினில் செ	ல்லும் உரிமை யா	ருக்குவழங்	கப்பெற்றது?
	அ.வீரராகவர் .	ஆ.ஆனந்தரங்கர்	இ .I	பரஞ்சோதி		ஈ.தருமி

ANSWERS: GEN	NERAL KN	IOWLEI	DGE	(07-0	1-202	3)		\bigtriangledown
EVERYDAY SCIENCE	1.D 2.D	3. C 4	I.D 5.B	6.B	7.D	8.D	9.C	10.C
GENERAL STUDIES	11.A 12.B	13.D 1	4.B 15	A 16.C	17.C	18.B	19.A	20.D
CURRENT AFFAIRS	21.C 22.A	23.B 2	4.D 25	C 26.A	27.D	28.B	29.C	30.B
QUANTITATIVE APTI	TUDE :	31.D 3	32.C 33	.A 34.C	35.C			
 31. D (8.77 x 8.77 x 8.77 + 4.23 x 4.23 x 4.23) / (8.77 x 8.77 - 8.77 x 4.23 + 4.23 x 4.23)? = [(8.77)³ + (4.23)³] / [(8.77)² - (8.77 x 4.23) + (4.23)²] = (a³ + b³) / (a² - ab + b²) = (a + b) (a² - ab + b²) / (a² - ab + b²) = (a + b) = 8.77 + 4.23 = 13 32. C 3 years back average age of A and B is [(A - 3) + (B - 3)] / 2 = 32 Hence A + B = 70 Today average of A, B and C is 30 i.e. (A + B + C) / 3 = 30 A + B + C = 90 Hence C = A + B + C - A - B = 20 33. A It is given that last three digits are randomly dialed. Then each of the digit can be selected out of 10 digits in 10 ways. Hence required probability = 1/10 * 1/10 * 1/10 = 1/1000 34. C Remainder of [(67⁹⁹)/7] == R ==> [(63 + 4)⁹⁹]/7 63 is divisible by 7 for any power, so required remainder will depend on the power of 4. Require remainder: (4⁹⁹)/7 == R ==> [4⁽⁹⁶⁺³⁾]/7 => [4^([3*32] + 3)]/7^* [4^([3*32] * 4³)]/7 = [(64)³² * 4³]/7 = [(64)³² * 4³]/7 = [(1)³² * 4³]/7 = - 4³/7 => 64/7 => (63+1)/7 == R => 1 ` 								
35. C Difference betwee => $7280 = [(P*20) = P = 7280*5/(0)]$	$(1.2)^{100} = (1.2)^{100}$	$(2)^{3}-1] = =$	ar, $= [(P1 (P1 (P1 (P1 (P1 (P1 (P1 (P1 (P1 (P1 $)/100] *[(00] *[1.72	1 + (r / 1) 8-1] = [00))` [(P* 0.'	782)/5]	
TEST OF REASONING	: ceded by I an	36.B 3	17.D 38	.C 39.B	40.D			
37. D Solution: the Seve 38. C	enth element	from left i	s 1 and 2	nd element	to the	right of	f 1 is 7	
39. B Solution: The patt $5 \times 3 = 15$ which g	tern followed ives 5:15,	is 3 multi $24 \times 3 =$ 121×2	plied by t = 72 and t = 363 m	he first dig he given o	it gives ption is	the se 24:70	cond dig	git

33×3 = 99 which gives 33:99, 121×3 = 363 which gives 121:363
40. D Solution: My mother's mother — My grandmother: My grandmother's only son — My maternal uncle. So, the woman is man's niece.

தமிழ் விடைகள்: 41.இ 42.அ 43.ஈ 44.அ 45.ஈ 46.அ 47.அ 48.ஆ 49.அ 50.ஆ

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VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST

 ∇^{Δ}

		TDAT SCIEN	CE		
1.	Which of the following is a tissue?				
2	(A) Blood (B) Lungs	(C) Kidney	(D) Ov d datamining a	ary	Easth?
Ζ.	what play the most important role in regulating (A) Oceans (B) Mountains	(C) Deserts	(D) Eq	rests	Earth?
3	(A) Occalls (B) Mountains	(C) Deserts	$(D) \Gamma 0$	10818	
5.	(A) 5 000 to 10 000 (B) 10 000 to 15 000 (B) 10 000 to 15 000 (A) 10 000 to 15 000 (B) 10 0000	(C) 150(a)	0.10 ± 0.20	(D) 20 00() to 25000
Δ	(A) 5,000 to 10,000 (B) 10,000 to 13,000 Which component of the body works as an energy	ray storage devic	20,000	(D) 20,000	10 25,000
т.	(A) Fats (B) Proteins	(C) Liver	(\mathbf{D}) Sk	in	
5	Which of the following is not a function of bor	les?			
	(A) support (B) production of blood cell	ls (C) prote	in synthesis	(D) muscle	attachment
6.	Protein factory is	(0) prote	in oʻj nonoono	(2)	
	(A) nucleus (B) ribosome	(C) golgi com	plex (D) cei	ntriole	
7.	The average human body contains about	gram of Sodi	um Chloride.		
	(A) 190 (B) 210	(C) 230	(D) 25	0	
8.	In humans, heart functions as a source of				
	(A) battery (B) charge	(C) electric ge	nerator	(D) electrom	otive force
9.	NTFS stands for?				
(A) New Trend File Saving (B) Network File Sav	ving (C) New Te	chnology File S	ystem (D) No	one Of These
10.	The amount of time taken by a device to begin	n reading data is	called		
	(A) Seek time (B) Read time	(C) Access tin	ne	(D) Write tin	ne
	CEN		'S		
11	Which Indian bank has launched a pre-paid of	ERAL SIUDIE	10 11' which can l	he used both	online and offline?
11.	A City Union Bank B KarurVysya Bank	C Tamil Nadu Me	ercantile Bank	D Tamil Na	lu Grama Bank
12.	Under the Benami Transactions (Prohibition) Amendm	ent Act. 2016 the p	inishment for indu	liging in illegal t	ransaction is
	A. 3 years B. 5 years	p	C. 6 years	D. 7	vears
13.	How many times has the Indian Currency bee	n demonetised so	o far?		
	A. One B. Three		C. Two	D. Fo	our
14.	National Income of a country can be calculate	ed by			
	A. 2 methods B. 4 methods	S	C. 3 methods	D. 5	methods
15.	In which District of Tamilnadu Karaivetti Bir	d sanctuary is loo	cated?		
	A. Ramanathapuram B. Thirunely	veli	C. Ariyalur	D. Na	agapattinam
16.	The Book: "My Olympic Journey", released i	n July 2016 was	written by		
. –	A. AbinavBindra B. Dig Vijay	Singh Deo	C. Sania Mirz	a D. M	ary Kom
17.	Who is the changing agent of the society?				
10	A. Farmer B. Weaver	1 (1')	C. Actor	D. Er	trepreneur
18.	Who is called the First Citizen and Father of t	he City?	C Marian		
10	A. Cmel Minister B. Commiss The First President of the Madree Mahaine S	loner	C. Mayor	D. 11	lasildar
19.	A Vengajah Najdu B G T Najd	aulia was lu C Ran	naswamy Naidi		ngajah Naidu
20	Which fin-tech company has launched Stock '	Trading services	on its platform	9 D.1.KC	
20.	A Pavtm B. Freecharg	re	C. PhonePe	D. G	oogle Pav
	2.1	,-		210	
	CUR	RENT AFFAIR	RS		
21.	Vidisha, the first district for deployment of in	novative 5G use	cases, is locate	d in which sta	ite?
	[A] Odisha [B] Madhya	Pradesh	[C] West Beng	gal [D] A	Assam
22.	Which institution released the 'Rural Health S	Statistics report'?	1		
	[A] NITI Aayog [B] Ministry of Health and	Family Welfare	[C] AIIMS	[D] I	MA
23.	Which public sector bank partnered with 'Gan	ruda Aerospace'	under the Kisar	n Pushpak Scł	neme?
	[A] Canara Bank [B] State Bank of India	[C] Union Ba	nk of India	[D] Punjab N	lational Bank
24.	Which state/UT suggested the Centre to grant	"migrated minor	rity" status?		
25	[A] Punjab [B] Delhi	[C] Jar	nmu and Kashr	mir $[D] A$	Assam
25.	Which institution recently released the 'Surve	y on dietary sup	plements??		1/1 N/1 1 /
26	[A] FCI [B] FSSAI	[C] NIII Aay	og [I	J Union Hea	Ith Ministry
<i>2</i> 0.	which organisation released the 'Global Kisk [A] World Bank [B] World Economic Forum	S Report 2023 ?	Monetary Fund	[D] Acian Day	elonment Rank
27	Who is the author of the 'Revolutionaries- Th	e Other Story of	How India Wo	n Its Freedom	' Book?
	[A] Amit Shah [B] Manoi Soni	[C] Santishree	Dhulipudi Pan	dit [D] S	anieev Sanval
28.	Which state launched the 'shared school bus s	system' and agric	culture response	e vehicle sche	me?
	[A] Assam [B] West Be	ngal	[C] Meghalaya	a [D] E	Bihar
	L 3	~	/		

29.	Road Transport and Highway	s Ministry observes Road	Safety Week in which m	onth?	
	[A] November	[B] December	[C] January	[D] Febru	ary
30.	Which is the first European co [A] Germany	ountry to have a Reciproci [B] UK	al Access Agreement wit [C] Italy	h Japan? [D] Franc	e
		ΟΠ ΑΝΙΤΙΤΑ ΤΙΛΕ			
31	If $3.4 = 6$ n then values of n is	QUANIIIAIIVE	AFIIIUDE		
011	a)18 b) 9		c) 8	d) 6	
32.	30% of 20 plus 20% of 30 eq	uals	- / -		
	a)10 b) 1	2	c) 18	d)21	
33.	In an examination 30% students	fail in maths 25% fail in En	glish and 15% in both what	t is a pass percent	tage?
24	a) 45% b) 5	5%	c) 40%	d) 60%	
34.	25=?% of 625		a) 2	d) 6	
35	Complete series: 3 9 81		C) 2	u) 0	
55.	a) 6561 b) 6	526	c) 6165	d) 1665	
	,		,	,	
		TEST OF REA	SONING		
36.	Cyclone is related to Anticycl	lone in the same way as fl	ood is related to	-	
27	a) Devastation	b)Havoc	c)River	d)I	Drought
57.	a) Walk	b) Road	c) Vehicle	(b	Driving
38.	In a coded language "come	at once father very sick"	' is written as "XLNV Z	G LMXV NL(SVI EVIB
	WJXP". What is the code for	or "sister"?			
	a) WJWMXI	b) WJWLSI	c) WIWSVI	d)	WJWGVI
39.	If BHASHA is coded as 1547	54, BRAIN is coded as 13	3408, AHINSA will be co	oded as	
40	a) 450874	b) 405847	c) 450847	d)	405874
40.	Find X 5 9 6	5 84			
	7 3 7	7 70			
	8 6 4	56			
	5 X 3	3 36			
	a) 4	b) 7	c) 9	d)	3
		குமிர	`		
<i>4</i> 1	செம்மொடு அய்வ மையம்	தும் சென்னையில் கொடங்	<u>'</u> கப்பெற்ற அண்டுயாக	19	
71.			இ 2010 இ 2010	·	
12		2005 ச்சோல் இரும்பொனை (FF)2012	
42.		தசேரல இருமலபாலற் எவர்∩ாாகா	ு இரைப்பத்த நூல் எது இரைப்பத்த நூல் எது	ாபரிற்ற	
40	அ)அகநானூறு ஆ)	குறுந்தாலைக கல்காக இசுச்ச கல்ச்ச	குற்கும் கால் குற்கும் கால் குற்கும் கால	<u>மற்றற</u>	ப்பத்து
43.	പിഞ്ഞ പ്രശേഷണമുള്ളിന്നക്ര പ്രോ	றற்றாக இருந்த கழக்கள் 	ைக்கு நூல் எது?		
	அ)களவழு நாற்பது ஆ) 	காரநாறபது ~ ·	இ)இன்னாநாற்பது	ന)യ്ലങ്ങിലമെ	ப நாறபது
44.	நாத குத்தனார் எழுதிய காட்	மியம் எது?			
	அ)நீலகேசி ஆ)	பெருங்கதை	இ)குண்டலகேசி	ஈ)நளவெ	ண்பா
45.	திருவம்பாவை பாடியவர் ய	п <u></u> ர			
	அ)ஆண்டாள் ஆ)!	மாணிக்கவாசகர்	இ)ஞானசம்பந்தர்	ஈ)அப்பர்	
46.	திருப்பாவையில் உள்ள பாட	_ல்களின் எண்ணிக்கை	யாது?		
	அ)20 ஆ).	30	இ)40	FF)50	
47.	மயிலை நகர் மேல் திருவம்	பாவை பாடிய சமணர் ய	பா ர் ?		
	அ)அவிரோதிநாதர் ஆ)	உதீசித்தேவர்	இ)சீவசம்போதனை	ஈ)அமிர்த	சாகரர்
48.	திருக்குறளையும் முழுமை	யாக ஆங்கிலத்தில் மொ	பூி பெயர்த்தவர் யார் ?		
	அ)கிரால் ஆ)	ஏரியல்		ஈ)லாசரஎ	'n
49.	முஸ்லிம் மக்கள் திருப்புகழ்	் பாடியவர் யார்?			
	அ)அசனிப் புலவர் ஆ)ஐய	ம்பேட்டை மதாரு சாகிட	பு இ)அப்துல் காதிறு செ	லப்பை ஈ)காசி	ம் புலவர்
<u>50.</u>	 <u>2022</u> ஆம் ஆண்டிற்கான சாச	கித்ய அகாடமி விருது ெ	பற்ற நூல் எது?		·
	அ)காலா பாணி ஆ)	தமிழின்பம்	இ)தோல்	ஈ)இயந்தி	ரம்

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ANSWERS: GENERAL KNOWLEDGE

(28-01-2023)



EVERYDAY SCIENCE	1.A	2.A	3.C	4.A	5.C	6.B	7.D	8.D	9.C	10.C
GENERAL STUDIES	11.B	12.D	13.B	14.C	15.C	16.B	17.D	18.C	19.D	20.A
CURRENT AFFAIRS	21.B	22.B	23.C	24.B	25.B	26.B	27.D	28.C	29.C	30.B
QUANTITATIVE APTI	TUDE	:	31.0	2	32.B		33.D	34.	A 3!	5.A
31. C 3:4=6:n, 3/4=	=6/n,	3n=2	4, n=	=24/3,	n=8					
32. B = 30/100 x 20 +	20/100	x30 =	=600/10	00+600/	/100=6-	-6=12				
33. D P(a)=30% Pass percentag	p(b)=25 e 100-4	5% I 40 =609	p(a n b) %	=15%	P(a U	J b) = 3	30+25-1	15 =55	- 15=4	0%
34. A 25=x/100X625	5	625x =	= 2500	Х	x=2500/	625=4				
35. A 3 x 3 =9, 9x9=	=81, 8	1x81=6	5561							
TEST OF REASONING	i :		36.[D	37.C		38.D	39.	A 4	0.B

- 36. D The words in pair represent opposite conditions. Flood and Drought is opposite of each other, just like Cyclone and Anticyclone.
- 37. C 'Needle' is a part of a 'Clock' in the same way as 'Wheel' is a part of a 'Vehicle'.

38. D COME AT ONCE FATHERVERY SICK XLNV ZG LMXV NLGSVIEVIB WJXP

- 39. A BHASHA BRAIN <u>AHINSA</u> 154754 13408 <u>450874</u>
- 40. B In the table, last column in a given row is obtained by adding the values in 1st and 2nd column and multiplying the result with the value in the 3rd column.(5 + x) $3 = 36 \rightarrow 5 + x = 12$, $\therefore x = 7$ $5 + 9 = 14 \times 6 = 84$, $7 + 3 = 10 \times 7 = 70$, $8 + 6 = 14 \times 4 = 56$, $5 + 7 = 12 \times 3 = 36$

தமிழ் விடைகள் : 41.அ)2008 42.இ)ஐங்குறுநூறு 43.அ)களவழி நாற்பது 44.இ)குண்டலகேசி 45.ஆ)மாணிக்கவாசகர் 46.ஆ)30 47.அ)அவிரோதிநாதர் 48.ஈ)லாசரஸ் 49.ஈ)காசிம் புலவர் 50.ஈ)இயந்திரம்

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VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE 04-02



1.	Any molecule which acts	directly on an enzyme to lowe	r its catalytic rate is called	•
	a) Regulator	b) Repressor	c) Inhibitor	d) Moderator
2.	All of the following organ	is in the human body are locate	ed both on the right and the lef	ft sides, except
2	a) Lungs	b) Kidneys	c) Eyes	d) Spleen
3.	Azadiractaindica is the bo	tanical name of	a) Can dal	d) Trume and a
1	a) Rice Eathom is the unit of mean	b) Neem	c) Sandai	d) Turmeric
4.	a) Depth of water	b) Flow of water	c) Volume of water	d) Density of water
5.	In poorly ventilated build	lings which one of the following	inert gases can be accumula	ted?
	a) Helium	b) Neon	c) Argon	d) Radon
6.	The Potassium graphite a	nd Calcium Graphite can be m	nostly used as which among th	e following?
	a) Moderators	b) Semiconductors	c) Superconductors	d) Lubricants
7.	Which among the following	ing substances is being used m	ost commonly for producing s	synthetic jet Fuel?
0	a) Coal	b) Natural Gas	c) Plastic Waste	d) Biomass
8.	Among the biotic compo	hents of the ecosystem, the pro	oducer system 1s?	d) Animala
0	a) Sea Which among the following	D) Rivers	c) Green Plants	d) Animais
9.	a) Barium	b) Beryllium	c) Magnesium	d) Calcium
10	Buckeyballs are basically	the allotropes of ?	c) widghestum	d) Calcium
10.	a) Carbon	b) Sulfur	c) Phosphorus	d) Calcium
	,	,	/ I	,
		GENERAL S	TUDIES	
11.	The child bearing age of	f women in India is		
	a) 20 – 24	b) 20 – 29	c) 13 – 48	d) 15 – 49
12.	SO was set up in	L) Mara 1051	.) 1052	1) 1052
13	a) May 1950 Which state government	b) May 1951	c) 1953 nily, one job' scheme?	a) 1955
13.	a)Rajasthan	h) Madhya Pradesh	c) Chhattisgarh	d) Sikkim
14	Which year is known for	BOP crisis in Indian Econom	v?	d) SIKKIII
±	a) 1990	b) 1991	c) 1995	d) 1999
15.	The death rate of babies un	nder one month is known as	-,	.,
	a) NMR	b) IMR	c) MMR	d) Foetal death rate
16.	Who among the following	ng can remove the Governor fr	om his office?	
	a) Parliament	b) State Legislative Assembly	c) President	d) none of these
17.	Dappu dance is the dance	e of which state?		
10	a) Gujarat	b) West Bengal	c) Karnataka	d) Andhra Pradesh
18.	a) Sri I anka and Singapore	b) Mauritius and Singapore	age of where ?	ndonesia and Malaysia
19.	This country is known	as the 'Sugar Bowl of the Wo	orld': identify it from the giv	en options.
	a) Brazil	b) Cuba	c) Mexico	d) Algeria
20.	Which is the third large	est desert in the world?		<i>, C</i>
	a) The Sahara Desert	b) Gobi Desert	c) The Thar Desert d)	The Arabian Desert
		CURRENT A	FFAIRS	
21.	Which Department under	r the 'Ministry of Finance' not	If the schanges in rates on small	savings schemes?
	[A] Department of Exper		[B] Department of Economic [D] Department of Einancial	Allairs
22	Aung Suu Kyi is the forr	nue mer leader of which country?	[D] Department of Pinancial	Services
22.	[A] Thailand	[B] Myanmar	[C] Bangladesh	[D] Nepal
23.	Which country commenced	d its annual war-game 'Zolfaghar	-1401', in the coastal area of the	Gulf of Oman?
	[A] UAE	[B] Afghanistan	[C] Iran	[D] Israel
24.	Which institution release	ed the 'Statistical Tables relation	ng to Banks in India'?	
	[A] Reserve Bank of Ind	ia [B] Finance Ministry	[C] NITI Aayog	[D] World Bank
25.	As per a recent UN surve	ey, which region has the highe	st unemployment rate in the w	orld?
26	[A] African	[B] South-Asian	[C] North-American	[D] Arab
26.	The New Integrated food	and Formers Wolfers [B] Minist	vo current schemes of which N	/Inistry?
	[A] Ministry of Agriculture	anu ranners wenare [B] WINIST s [D] Minist	ry of Consumer Analis, Food and ry of Rural Development	י רמטוור סוצנדוטענוסנז
27	Which state launched 'D	idir Suraksha Kawach and Die	lir Doot' programmes?	
_,.	[A] Bihar	[B] Rajasthan	[C] West Bengal	[D] Harvana
28.	Satyendra Nath Bose, who	se birth anniversary was observed	d recently, was associated with w	hich profession?
	[A] Science	[B] Politics	[C] Sports	[D] Business

- 29. Which sports authority recently introduced 'Yo-Yo and Dexa Tests' in team selection criteria?[A] Hockey[B] Weight Lifting[C] Archery[D] Cricket
- 30. Which Union Ministry launched a five-pronged energy efficiency plan to become carbon-neutral by 2030?[A] Ministry of Coal[B] Ministry of Railways[C] Ministry of Steel[D] Ministry of Tourism

QUANTITATIVE APTITUDE

31.	Find out the	wrong number in the series: 19	6, 169, 144, 121, 100, 80, 64	
	a) 169	b) 144	c) 80	d) 100
32.	Insert the mi	ssing number: 10, 5, 13, 10, 16	5, 20, 19, ()	
	a) 22	b) 40	c) 38	d) 23
33.	Find out the	wrong number in the given seq	uence of numbers: 8, 13, 21, 3	2, 47, 63, 83
	a) 47	b) 63	c) 32	d) 83
34.	Find the odd	man out: 835, 734, 642, 751, 8	53, 981, 532	
	a) 751	b) 853	c) 981	d) 532
35.	Find out the	wrong number in the given seq	uence of numbers: 56, 72, 90,	110, 132, 150
	a) 72	b) 110	c) 132	d) 150

TEST OF REASONING

36. Five boys took part in a race. Raj finished before Mohit but behind Gaurav. Ashish finished before Sanchit but behind Mohit. Who won the race ?

a)	Raj		b) G	aura	V	c) Mohit	d) Ashish
37.							
		3	2	5	4		
		1	0				
		4		6	5		
		2	1	4	3		
	Which is the missing	sectio	on?				

3 2

38. There are six cities A, B, C, D, E and F. A is not a hill station. B and E are not historical places. D is not an industrial city. A and D are not historical places. A and B are not alike. Which two cities are industrial centres ?

	a) A and B	b) E and F	c) C and D	d) E and F
39.	Which word among the f	following is most similar to the	e word TENABLE?	
	a) alluring	b) defensible	c) speculative	d) steadfast

40. Pic the odd man out



2 3



41. யாருடையஆட்சிகாலம் செப்புத்திருமேனிகளின் பொற்காலம் எனஅழைக்கப்பெற்றது? அ. சேரர்கள் ஆ.சோழர்கள் இ.பாண்டியர்கள் ஈ.பல்லவர்கள் 42. தமிழகத்தின் மிகப்பெரிய 'மரத்திருமேனி' எங்கு அமைந்துள்ளது? அ.மங்கலம் ஆ.மாயவரம் ஈ.தேவாரம் இ.காஞ்சி 43. இரண்டாம் அருணகிரிநாதர் எனஅழைக்கப்பெறுபவர் யார்? . ஆ.விவேகானந்தர் அ.இராமகிருஷ்ணர் இ.பாம்பன்சுவாமிகள் ஈ.தோதாபுரி 'இவுளிமறவர்' தலைமையில் இயங்கியபடைஎது? 44. அ.யானைப்படை ஆ.தேர்ப்படை இ.காலாட்படை ஈ.குதிரைப்படை 45. பசிப்பிணிமருத்துவன் எனஅழைக்கப்பெற்றவள்ளல் யார்? ஆ.பண்ணன் இ. பேகன் அ.பாரி ஈ.ஓரி 46. சங்ககாலத்தில் தையல்காரர்களைஎவ்விதம் அழைத்தனர்? ஆ.காரிகிழார் அ.பொற்கொல்லர் இ.உரிமைச்சுற்றம் ஈ.துன்னக்காரர் 47. பல்லவர்களின் சின்னம் எது? ஆ.மீன் அ.வில் இ.காளைமாடு ஈ.புலி 48. சாராயம் மூலம் பெறப்படும் வருவாய் எது? இ.நிலவரி ஈ.கோட்டுவரி அ.ஊற்றுவரி ஆ.சாற்றுவரி 49. வணிகசாத்துகளின் தலைவன் யார்? இ.மால்வாரி அ.மாசாத்துவான் ஆ.மாநாய்கன் ஈ.ஏனாதி அரசர்களின் இருக்கைசிங்கங்களால் தாங்கப்பட்டிருப்பதால் அதற்கு------ என்றுபெயர். 50. ஈ.சிம்மசொப்பணம் அ.அரசஇருக்கை ஆ.சிங்கஇருக்கை இ.அரியணை



21) Department of Economic Affairs under the Ministry of Finance notifies changes in rates on small savings schemes. Recently, the government hiked the interest rates on various small savings schemes including senior citizen savings scheme for the January to March quarter. The PPF will continue to earn 7.10%, while Sukanya Samriddhi account scheme will continue to earn 7.6% interest rate.

22) A military court in Myanmar sentenced the country's ousted leader Aung San Suu Kyi to a further seven years in prison on charges of corruption. This has increased her total jail term to 33 years. The court ruling found Suu Kyi guilty of corruption in relation to purchase, repair and rental of a helicopter for use during natural disasters and state affairs

23) Iran has recently commenced its annual drill in the coastal area of the Gulf of Oman and near the strategic Strait of Hormuz. Commandos and airborne infantry would participate in the war-games, dubbed 'Zolfaghar-1401' along with drones, fighter jets, helicopters, military transport aircraft and submarines. The strait is located at the mouth of the Persian Gulf and is crucial to global energy supplies.

24) The Reserve Bank released its web publication titled 'Statistical Tables relating to Banks in India: 2021-22'. The publication covers the activities of the Indian banking sector. It presents entity-wise information of liabilities and assets; income and expenses; financial ratios, number of employees and details of priority sector advances for scheduled commercial banks among other information.

25) According to the latest UN survey, the Arab region registered a 12 per cent unemployment rate in 2022, which is the highest in the world. Poverty measured against national lines also surged, affecting 130 million people in Arab countries. More than one-third of the region's population is affected, excluding Libya and Gulf Cooperation Council countries. The survey showed an expected 3.4 per cent growth next year throughout the Arab region.

26) The new integrated food security Scheme was rolled out with effect from 1 January 2023. It would provide free food grains to 81.35 crore beneficiaries under National Food Security Act (NFSA). The new scheme will subsume two current food subsidy schemes of the Ministry of Consumer Affairs, Food and Public Distribution namely the Food Subsidy to FCI for NFSA, and Food Subsidy for decentralized procurement states

27) West Bengal Chief Minister Mamata Banerjee launched a fresh public outreach programme to reach out to people of the State. Under the initiative of Didir Suraksha Kawach (Didi Protection Shield) about 3.5 lakh volunteers of the Trinamool Congress will reach out to all households of the state about government's flagship programmes. 'Didir Doot' app can be downloaded to register their problems.

28) Satyendra Nath Bose was a Mathematician and physicist from India. He was born on January 1, 1894, in Calcutta, India. The Government of India honoured him with the title Padma Vibhushan in 1954. Bose became a Fellow of the Royal Society and was nominated as a member of the Rajya Sabha in 1958. Bose was also appointed as the National Professor, which was the highest honour in India for any scholar

29) Ahead of the ICC Men's World Cup that takes place in India in October, the Board of Control for Cricket in India has instructed that Yo-Yo and Dexa Tests will be a part of the team selection criteria. Dexa test or DXA test is Dual Energy X-ray Absorptiometry, which measures bone density using low dose X-rays. The Yo-Yo test is an aerobic endurance fitness test, involving running between markers at increasing speeds

30) The Union Railways Ministry has rolled out a five-pronged energy efficiency plan to become carbon-neutral by 2030. The policy is broadly focuses on five action points namely sustainable buildings, cloud-based data monitoring and management portal, energy efficiency in equipment and appliances, power quality and restoration, and capacity building and awareness.

QUANTITATIVE APTITUDE: 31.C 32.B 33.A 34.A 35.D

- 31. C Numbers must be $(14)^2$, $(13)^2$, $(12)^2$, $(11)^2$, $(10)^2$, $(9)^2$, $(8)^2$. So, 80 is wrong.
- 32. B There are two series (10, 13, 16, 19) and (5, 10, 20, 40), one increasing by 3 and the other multiplied by 2.
- 33. A Go on adding 5, 8, 11, 14, 17, 20. So, the number 47 is wrong and must be replaced by 46.
- 34. A In each number except 751, the difference of third and first digit is the middle one.
- 35. D The numbers are 7 x 8, 8 x 9, 9 x 10, 10 x 11, 11 x 12, 12 x 13. So, 150 is wrong.

TEST OF REASONING : 36.B 37.A 38.D 39.B 40.B

36. B The order is Gaurav, Raj, Mohit, Ashish, Sanchit. Hence, Gaurav won the race.

37. A Looking across, the numbers decreases by 1 in each alternate squares

3 2 3 A

38. D By studying the second, third, fourth and fifth sentences we put \times mark in the respective positions corresponding to the cities. When A is neither a historical city nor a hill station. It is, therefore, an industrial city. In the same way D is neither historical nor industrial so it must be a hill station.

	Α	в	С	D	E	F
Historical	×	×		×	×	
Industrial	~			×		
Hill Station	×			۲		

A and B are not alike. This means that B is not an industrial city. As B is not a historical place. So, it must be hill station. There are no negative information about C and F and partly about E. We can assure that C and F are hill station, industrial and historical cities and E is industrial as well as hill station.

Now, our final Table is as below :								
A B C D E F								
Historical	×	×	√	×	×	✓		
Industrial	√	×	√	×	√	√		
Hill Station $\times \sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{-\sqrt{$								

39. B defensible

40. B In all the others the same sequence of figures appears. In B the position of two of the figures is reversed.

தமிழ் விடைகள்: 41.ஆ 42.அ 43.இ 44.ஈ 45.ஆ 46.ஈ 47.இ 48.ஆ 49.அ 50.இ

VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE 25-0



1.	The Acronym ITPGRF Stands for						
	a) International Trade on Plant Genetic Resources for Food and Agriculture						
	b) International Treaty on Plant Genetic Resources for Foo	d and Agriculture					
	c) International Trade on Plant Genomic Resources for Foo	od and Agriculture					
•	d) International Treaty on Plant Genomic Resources for Fo	ood and Agriculture	1 1 1 1 1 1 1 1				
2.	If a woman carrier for color blindness maries to a color blindness maries t	nd man and produce severa	al children, the expected				
	phenotype (color blind or normal) of the offspring would b	e-					
	b) All male offenring will be color blind and all females wi	ill be normal					
	c) All male offspring will be normal and female will be col	lor blind					
	d) All female offspring will be carries of color blindness of	color blind					
3.	Plant pathogens can be detected and identified using ELIS.	A and PCR					
	a) ELISA based detection is more useful for viral pathogen	detection than bacterial pa	athogens				
	b) Fungal diseases are more amenable for ELISA based de	tection than plant viruses	2				
	c) Bacterial pathogens are more amenable for PCR based d	letection than plant viruses					
	d) Bacterial pathogens are more amenable for PCR based of	letection than fungal patho	gens				
4.	Which of the following statement is correct with respect to	domestic animals?					
_	a) All are herbivores b) All are carnivores c)	All are omnivores	d) All are mammals				
5.	Where is the biggest animal husbandry farm of Asia situate	d in Haryana?					
~	a) Ambala b) Bhiwani	c) Hisar	d) Rohtak				
6.	A 'fowl pox' disease mostly affects which of the following	species?	1) D'-				
7	a) Camels D) Birds	c) Goal	d) Pig				
1.	a) Capillary action b) Viscosity of ink	c) Siphon action	d) Diffusion				
8	Natural radioactivity was discovered by	c) Siphon action	d) Diffusion				
0.	a) Marie Curie b) Ernest Rutherfort	c) Henri Becquerel	d) Enrico Fermi				
9.	Supercooling is cooling of Liquid at which of the following	points?					
	a) Below freezing point b) Above melting point	c) Melting point	d)Below melting point				
10.	Which of the following shows an oxidation reaction	on?					
	a) Gain of oxygen b) Loss of oxygen	c) Gain of hydrogen	d)All of these				
	GENERAL	STUDIES					
11.	The largest west flowing river of peninsular India is_	•					
	a) Mahi b) Sabarinati	c) Narmada	d) Luni				
12.	Human blood grouping was discovered by						
	a) Landsteiner b) Punett	c) Correns	d) Muller				
13.	World Youth Skills day is celebrated on .	,					
	a) March, 15 b) May, 15	c)July, 15	d) August				
14.	Which of the following journal is not associated with	Subramaniya Bharathi?	<i>, </i>				
	a) A New Daily b) Vijava	c) India	d) New India				
15.	What Thiruvallinvar says are the qualities of an amba	ssador?	,				
	a) Knowledge, Origin, Education	b) Love, Know	ledge. Clarity of speech				
	c) Duty, Knowing the fitting time. Knowing the place	d) Purity, Reso	ources. Courage				
16.	Boothalingam study group is related to .	, ,					
	a) Trad unions b) Strikes	c) Lockouts	d) Wages				
17.	Which one of the following fundamental rights has be	een wrongly listed?					
	a) Right to Equality b) Right to Constitutional Reme	dies c) Right to Exploita	tion d) Right to Freedom				
18	Where is the largest solar power project of India locat	ted?					
10.	a) Rajasthan b) Karnataka	c) Andhra Pradesh	d) Guiarat				
19	During the `Later Chola period' `Iravili' was associate	ed with	a) Oujulut				
17.	a) Tax free land b) Taxed land c) Tax levie	ed on temple land d) T	Fax levied on leasing land				
20	If xmeans \doteq - means x \doteq means + and + means - w	what is value of $(3-15 \div 19)$	$) \times 8+6^{\circ}$				
20.	a) 8 b) 4	c) 2	d) -1				
	CURRENT	AFFAIRS	() I				
21	The 14 th Aero India 2023 the yearly display of India's	homegrown defense car	pabilities was officially				
21.	launched hy Drime Minister NarendraModi was held	at	sublines was officially				
	Tauliched by Filme Millister Naterioration was herd		1) 17 1				
	a) Delhi b) Calcutta	c) Bangalore	d) Kashmir				
22.	What are the two mobile payments linked by RBI Go	vernor ShaktikantaDas a	nd the MD of the				
	Monetary Authority of Singapore Ravi Menon						
	a) UPI & PAYTM b) UPI & GPAY	c) UPI & MIPAY	d) UPI & PAYNOW				
23	The Dharma Guardian Exercise was held at	,					
_9.	a) USA b) Singanora	c) Iapan	d) Molavoia				
24	a) USA U) Singapore	C) Japan	u) Walaysia				
24.	I ne first Arab woman who enter space is		a				
	a) RayyanaBarnawi b) Aseel Al-Hamad	c) EmonShakoor	d) MishaalAshemimry				

a) Operation Clean b) Operation Agni c) Operation Dost d) Operation Bhum? 26. To review the tourism industry and increase inbound travel, the tourism ministry of India launched a) Incredible India b) Visit India Yaar 2023 campaign c) Namustendia' Campaign d) India marketing campaign. 27. Who was the Chief Guess of the 2023 Republic Day celebrations of India? a) Rypoinal President Sini b) China President Sini Injeriog. c) Mongolia President KhalmanagiinBatulga d) Philippines President Kodrigo Duterte 28. The International Mother Language Day is celebrated on a) 21 ⁴ January b) 21 ⁴ February c) 21 ⁴ March d) Prashant Kumar Singh 29. Who is the appointed new CEO of NITI Aayog a) Mr Amitobh Kont b) BVR Submalmanyam c) Vinay Kumar Tripathi d) Prashant Kumar Singh 30. Mangdechiu Hydroelectric Power Project, which was implemented with the assistance from India, was recently handed over to the Druk Green Power Corporation (DGPC) in Bhuta: what is the capacity of the power plant? 31. A hicycle marked at Rs 1500 is sold to Rs 1350. What is the percentage of discount? 32. 200 Megawatt b) 240,000 c) 2.30,000 d) 3,00,000 33. The list price of a shift is Rs.2200. A discourt of 20% on sales is announced. What is the amount of discount on and its selling price? 32. 23. So b) 33,98 c) 55, 183 d) 44, 176 34. A man bough in old bicycle for Rs.1250. Its perts Rs.2307 d) Rs.237 TEST OF REASONING 34. A man bough in old bicycle for Rs.1250. Its d) 44, 176 34. A man bough in old bicycle for Rs.1250. Its d) 44, 176 34. A man bough in old bicycle for Rs.1250. Its d) 44, 176 34. A man bough in old bicycle for Rs.1250. Its d) 48, 237 TEST OF REASONING 35. Amarge the words given below in a meaningful sequence. 1. Presentianed a lawas aprecised as anomuted with the letters ESR 0 using each letter only once in each wordt? J) One B) TWO C/Three D) None 39. Find the missing number; 7, 3, 10, 7, 9802 A) 99 B) 199 C) 299 D) 1999 41. Usingfulf artistak Cumg.Gam Gyphiga Gypta Gypti automos caigguig gradus estima L	25.	To help the people of Turkey in earthquake rescue	; India launched		
26. To revice the tourism industry and increase inbound travel, the tourism ministry of India launched a) Incredible India b) Visit India Year 2023 campaign c) Numstelndia' Campaign d) India marketing campaign. 27. Who was the Chief Guest of the 2023 Republic Day celebrations of India? 28. The International Moher Language Day is celebrated on a) 21 ^d January b) 21 ^d February c) 21 ^d March d) 21 ^d April 28. The International Moher Language Day is celebrated on a) 21 ^d January b) 21 ^d February c) 21 ^d March d) 21 ^d April 29. Who is the appointed new CEO of NTI Aayog a) Mar Antitabh Kanr b) BXR Subrahmanyam c) Vinay Kumar Tripubi d) Pathat Kumar Singh 30. Mangdechtu Hydroelectric Power Project, which was implemented with the assistance from India, was recently handed over to the Druk Green Power Corporation (DGPC) in Bhutan: what is the capacity of the power plant? a) 220 Megawatt b) 820 Megawatt c) 820 Megawatt d) 820 Megawatt 31. A bicycle marked at Rs.1500 is sold to Rs.1350. What is the percentage of discount? a) 20% b) 51% c) 10% d) 3.00.000 33. The list price of a shiri it Rs.220c-A discount of 20% on sales is announced. What is the amount of discount of a biri it Rs.220c-A discount of 20% d) 8c35% d) 6c5% 34. A nan bought an odd bicycle for Rs.1250. It lespent Rs.250 for repairs. He the sold it f		a) Operation Clean b) Operation Agni	c) Operation D	ost d) Operation Bhumi
a) Incredible India b) Visit India Year 2023 campaign c) Namastefindia 'Campaign d) India marketing campaign. 27. Who was the Chief Guest of the 2023 Republic Day celebrations of India? a) Egyptian President Sisi b) China President XJ Jinping. c) Mongoids President KhaltmanginBattulga d) Philippines President Rodrigo Durerte 28. The International Mother Language Day is celebrated on a) 21 st January b) 21 st February c) 21 st March d) 21 st April 29. Who is the appointed new CFO of NTTI Asyog a) Mangdechtul Hydroelectric Power Project, which was implemented with the assistance From India, was recently handed over to the Druk Green Power Corporation (DGPC) in Bhutan: what is the capacity of the power planf? a) 520 Megawart b) 820 Megawart c) 720 Megawart d) 820 Megawart a) 520 Mega are for Rs.20000 and S130. What is the percentage of discount? a) 220.000 b) 52 st o: 010 st o: 01 of 20 st o: 010 st o:	26.	To revive the tourism industry and increase inboun	nd travel, the tourism	n ministry of Ir	ndia launched
 e) Namastchalia' Campaign d) India marketing campaign. 27. Who was the Chief Guest of the 2023 Republic Day celebrations of India? a) Egyptian President Sisi b) China President Xi Jinping, c) Mongolia President KhaltmaaginBattulga d) Philippines President Rodrigo Duterte B) The International Mother Language Day is celebrated on a) 21st January b) 21st February c) 21st March d) 21st April d) Philippines President Xi Jinping, c) Mongolia President are CEO of NTI Aayog a) Mc Anithab Katu Ib DNR Subrahmanyan c) Vinay Kumar Tripathi d) Prashant Kumar Singh Mangdechhu Hydroelectric Power Project, which was implemented with the assistance from India, was recently handed over to the Druk Green Power Corporation (DGPC) in Blutan: what is the capacity of the power plant? a) 520 Megawatt b) 620 Megawatt c) 100 Megawatt c) 100 Megawatt c) 100 Megawatt c) 200 Megawatt d) 200 Megawatt c) 200 Megawatt d) 240,000 c) 2,50,000 d) 3, 30,000 d) 3. The list price of a shiri RS 82,002 A) 00 m sales is announced. What is the annount of discount on it and its selling price? a) 22,8 b) 33,3 98 c) c) 55, 183 d) 44, 176 A rana bought an odd bicycle for RS,1250. He spent RS,250 for repairs. He then sold it for Rs,1400. Find his loss percentage? d) 65,34 A: a) 5,3,4,12 d) 5,3,5,1,42 d) 5,3,1,2,4 d) 5,3,4,12 d) 5,3,5,1,42 d) 5,3,1,2,4 d) 5,3,4,12 d) 5,3,5,1,42 d) 5,3,1,2,4<!--</td--><td></td><td>a) Incredible <i>India</i></td><td>b) Visit India Y</td><td>Year 2023 cam</td><td>paign</td>		a) Incredible <i>India</i>	b) Visit India Y	Year 2023 cam	paign
 Who was the Chief Guest of the 2023 Republic Day celebrations of India? a) Egyptian President Siti (b) China President X Lipping, (c) Mongolia President K haltmaagiinBattulga (d) Philippines President Rodrigo Duterte The International Mother Language Day is celebrated on		c) 'NamasteIndia' Campaign	d) India marke	ting campaign.	
a) Egyptian President Sisi b) China President XJ Jinping. c) Mongolia President KhalmaagiinBattulga d) Philippines President Rodrigo Duterte 28. The International Mother Language Day is celebrated on a) 21 ^a January b) 21 ^a February c) 21 ^a March d) 21 ^a April 29. Who is the appointed new CEO of NITI Ayog a) Marghenhu Hydroelectric Power Project, which was implemented with the assistance from India, was recently handed over to the Druk Green Power Corporation (DGPC) in Blutan: what is the capacity of the power plant? a) 520 Megawatt c) 720 Megawatt d) 820 Megawatt 31. A hicycle marked at Rs.1500 is sold to Rs.1350. What is the percentage of discount? a) 2000 b) 2,40,000 c) 22,40,000 c) 2,40,000 c) 2,50,000 d) 3,00,000 33. The list price of a shirt is Rs.2204 A discount of 20% on sales is announced. What is the amount of discount on it and its selling price? a) 20,00 b) 5,40,00 c) 55,183 d) 44,176 34. A man bought an old hicycle for Rs.1250. He spent Rs.250 for repairs. He then sold it for Rs.1400. Find his loss precentage? a) 6,67% b) 6,60% c) 6,68% d) 6,68% 35. Recentage a) 6,67% b) 6,60% c) 6,68% d) 6,68% d) 6,68% 36. Arrange the words given below in a meeningful sequence. t. Presentation 2.Recommendation 3. Arrival 4 Discassion 5.Introduction A) 5,	27.	Who was the Chief Guest of the 2023 Republic Da	y celebrations of Ind	dia?	
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 38. How many meaningful English words can be formed with the letters ESRO using each letter only once in each word? A) One B) Two C)Three D) None 39. Find the missing number1, 2, 3, 10, ?, 9802 A) 99 B) 199 C) 299 D) 999 40. Grass : Erosion :: Dam : P A) Water B) Freeze C) Current D)Rain தமிழ் 41. புலம்புரிச் சங்கம் பொருளோடு முழங்க இவ்வடி இடம்பெற்ற நூல் எது? அ)சிலப்பதிகாரம் ஆ)மணிமேகலை இ)சீவக சிந்தாமணி ஈ)வளையாபதி 42. அகநானுற்றில் ஒற்றைப்படை எண்களில் பாடல்கள் இடம் பெறும் திணை யாது? அ)சிலப்பதிகாரம் ஆ)மணிமேகலை இ)சீவக சிந்தாமணி ஈ)வளையாபதி 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? அ)45 ஆ)40 இ)150 ஈ)70 44. கபிலர் எழுதிய சுவத் திரு முறை எது? அ)11 ஆ)12 இ)4 ஈ)7 45. விரமாமுனிவர் எழுதிய நூல் எது? அ)வு இ)வண்பாப் பாட்டியல் ஈ)முத்து விரியம் 46. நந்தீசர் சதகம் இயற்றியவர் பார்? அ)ஞனங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் இ)சர்க்கரைப் புலவர் ஈ)வண்ணக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகதனன் பிலக்கன் இடத் வரும் வற்றது வருங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடும் படித்தான் என்னும் தொடரில் மறைந்து வரும் வற்றுமை உருபு யாது? அ) இடுகு ாட்ரில் நின் நீத் விழ் திருப் பரித் துண்டிலிரு ந்து விரும் வர்றினம் உர்று சேப்பேடு ா)36ுமும் பரே செப்பேடு இடுமேல் சேவூர் சேப்பேடு ஈ). அடி இடை நாயக்கர் காலக் கிடி இ)1996 இ)2013 ா). 	0	A)11 B)18 C)20 D)	021	, ao joa (1100	
in each word? A) One B) Two C) Three D) None 39. Find the missing number1, 2, 3, 10, ?, 9802 A) 99 B) 199 C) 299 D) 999 40. Grass : Erosion :: Dam : ? A) Water B) Freeze C) Current D)Rain 5µUp 5µUp 5µUp C) Current D)Rain 41. Uoubulph # shisub Ourug@am@Louboulpp privo rsg; a))Aouufsmpin a),uom@lousanov Ø)#aus Ahjspruom r)ausmaturuf 42. akspragnipinghok opinopuluen_ ardinashok unt_obash @luboulpp privo rsg; a))uraso a)(agi adimason ardingub proble 2 and and adimason ardingub proble 2 and adimason adimaso	38.	How many meaningful English words can be form	ed with the letters E	SRO using eac	ch letter only once
39. Find the missing number 1, 2, 3, 10, ?, 9802 A) 99 B) 199 C) 299 D) 999 40. Grass : Erosion :: Dam : ? A) Water B) Freeze C) Current D)Rain தபிழ் 41. புலம்புறிச் சங்கம் பொருளோடு முழங்க இவ்வடி இடம்பெற்ற நால் எது? அ)சிலப்பதிகாரம் ஆ)மணிமேகலை இ)சீவக சிந்தாமணி ஈ)வளையாதி? அ)சிலப்பதிகாரம் ஆ)மணிமேகலை இ)சீவக சிந்தாமணி ஈ)வளையாதி 42. அகநானூற்றில் ஒற்றைப்படை எண்களில் பாடல்கள் இடம் பெறும் திணை யாது? அ)பாலை ஆ)குறிஞ்சி இ)முல்லை ஈ)மருதம் 43. இன்னிலை என்னும் நாலில் உள்ள வெண்பாக்கள் எத்தனை? அ)45 ஆ)40 இ)150 ஈ)70 44. கபிலர் எழுதிய சுவத் திரு முறை எது? அ)11 ஆ)12 இ)4 ஈ)7 45. விர்மா முனிவர் எழுதிய நால் எது? அ)தொன்னுல் விளக்கம் ஆ)சிதம்பரப் பாட்டியல் இ)வெண்பாப் பாட்டியல் ஈ)முத்து விரியம் 46. நந்தீசர் சதகம் இயற்றியவர் யார்? அ)குணங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் இ)சர்க்கனரப் புலவர் ா)வண்ணக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகளார் எழுதிய நால் எது? அ)மனுமுறை கண்ட வாசகம் ஆ)திருகு கேனாப் புலவர் இ)சர்க்கனரப் புலவர் ா)வண்ணக்களஞ்சியப் புலவர் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடி சுத்தான் - என்னும் தொடரில் மறைந்து வரும் வற்றுமை டீருபு யாது? அ)ஜ ஆ)ஆல் இ)கு ா)சுத்தான் - என்னும் தொடரில் மறைந்து வரும் கேற்னுமை உருபு யாது? 49. ஜ ஆ)ஆல் இ)கு என்னும் அடி இடம் பெற்ற செப்பேடு யாடம் படித்தான் - என்னும் தொடரில் மறைந்து வரும் கேற் அடி இடம் பெற்ற செப்பேடு யாதின் வாற்கு திழிப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம் - என்னும் அடி இடம் பெற்ற செப்பேடு வு சின் மாதர்ச் செப்பேடு	•	in each word? A) One B) Two	C)Three	D) None	D \ 0.000
40. Grass : Erosion :: Dam :: A) water b) Preeze C) Current D) kain தமிழ் 41. புலம்புறிக் erion Cyclingtan (Cyclingta இவ்வடி இடம்பெற்ற நூல் எது? அசுநானூற்றில் ஒற்றைப்படை எண்களில் பாடல்கள் இடம் பெறும் தினை யாது? அபாலை ஆ)குறிஞ்சி இ)முல்லை ஈ)மருதம் 42. அகநானூற்றில் ஒற்றைப்படை எண்களில் பாடல்கள் இடம் பெறும் தினை யாது? அபாலை ஆ)குறிஞ்சி இ)முல்லை ஈ)மருதம் 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? அ)45 ஆ)40 இ)150 F)70 44. கபிலர் எழுதிய சுவத் திருமுறை எது? அ)11 ஆ)12 இ)4 F)7 45. விரமாமுனிவர் எழுதிய நால் எது? அ)தொன்னூல் விளக்கம் ஆ)சிதம்பரப் பாட்டியல் இ)வெண்பாப் பாட்டியல் F)முத்து விரியம் 46. நந்தீசர் சதகம் இயற்றியவர் யார்? அருகணங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் இ)சர்க்கரைப் புலவர் F)வன்ணக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகளார் எழுதிய நூல் எது? அமனுமுறை கண்ட வாசகம் ஆ)திருகுடந்தைப் புராணம் இ)நந்தனார் சரித்திரக் கீர்த்தனை ாடிவண்ணச்சரபம் தண்டபாணி சுவாமிகள் 48. பாஷா சம்மளேனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 F)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுவை சூடுபியாது? அ)ஜ ஆ)ஆல் இ)கு F)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுவகு டி பேற்ற செப்பேலு யாது? அ)ஜின்னமனூர் செப்பேடு இமேல் சேவூர் செப்பேடு அன்னாஹர் சில் மதுராபரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு இறீவேன்விக்குடி செப்பேடு இல்மேல் சேவூர் சி சப்பேடு	39. 40	Find the missing number 1, 2, 3, 10, ?, 9802	A) 99 B) 199	C) 299	D)999
المالات 41. புலம்புரிச் சங்கம் பொருளாடு முழங்க இவ்வடி இடம்பெற்ற நால் எது? அசுதானூற்றில் ஒற்றைப்படை என்களில் பாடல்கள் இடம் பெறும் திணை யாது? அபாலை ஆ)குறிஞ்சி இ)முல்லை ஈ)மருதம் 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? அ145 ஆ140 இ)150 ஈ)70 44. கபிலர் எழுதிய சைவத் திரு முறை எது? அ11 ஆ12 இ)4 ஈ)7 45. வீர்மாமுனிவர் எழுதிய நால் எது? அ11 ஆ12 இ)4 ஈ)7 45. வீர்மாமுனிவர் எழுதிய நால் எது? அ11 ஆ12 இ)4 ஈ)7 45. வீர்மாமுனிவர் எழுதிய நால் எது? அ11 ஆ12 இ)4 ஈ)7 45. வீர்மாமுனிவர் எழுதிய நால் எது? அ)தொன்னுல் விளக்கம் ஆ!சுகனாப் புலவர் இ)6வண்பாப் பாட்டியல் ஈ)முத்து வீரியம் 46. நந்தீசர் சதகம் இயற்றியவர் யார்? அரைகளை வாசகம் ஆ!திருகுடந்தப் புரானம் அ!குன்னந்குடி மஸ்தான் சாகிபு ஆ!சேகனாப் புலவர் இ)சர்க்கரைப் புலவர் ா!வண்ணக்களஞ்சியப் புலவர் எ! 47. இராமலிங்க அடிகளார் எழுதிய நூல் எது? அ!மனுமறைமறை கண்ட வாசகம் ஆ!திருகுடந்தப் புரானம் இ!ந்தனார் சரித்திரக் கீர்த்தனை ா!வென்கச்	40.	Grass : Erosion :: Dam : (A) water B)	- Freeze	C) Current	D)Kain
(4) புல்பபு), (பிழியில் இவரிய துடையில் இடையாறு) நூல் (பிழி) (4) அகநானூற்றில் ஒற்றைப்படை என்களில் பாடல்கள் இடம் பெறும் திணை யாது? (4) அகநானூற்றில் ஒற்றைப்படை என்களில் பாடல்கள் இடம் பெறும் திணை யாது? (4) அப்பதிகாரம் இ)திவக சிந்தாமணி ஈ)மருதம் (5) இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? (6) இ)150 ஈ)மருதம் (4) கபிலர் எழுதிய கைவத் திரு முறை எது? (7) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	<i>4</i> 1	ு பலம்பரிச் சங்கம் பொரு னோடு புவரங்க இவ்வடை வ	ற்பெற்ற நால் எது? பிடுபற்ற நால் எது?		
42. அகநானூற்றில் ஒற்றைப்படை எண்களில் பாடல்கள் இடம் பெறும் திணை யாது? ())பல்லை () ())பல்லல் () 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? ())பல்லலல () (ர)மருதம் 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? ())45 () (ர)மருதம் 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? ())45 () (ர)மருதம் 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? ())46 () ())70 () 44. கபிலர் எழுதிய சைவத் திரு முறை எது? ())10 () ())10 () ())10 () 41. கபிலர் எழுதிய ரைல் திரு முறை எது? ())11 () ())12 () ())12 () 43. இன்னிலை என்னும் நறல் எது? ())11 () ())12 () ())13 () ())11 () 44. கபிலர் எழுதிய நூல் எது? ())9)6வன்பாப் பாட்டியல் இ)வெண்பாப் பாட்டியல் () ())53 () ())11 () ())11 () 45. நந்தீசர் சதகம் இயற்றியவர் யார்? ())13 () ())14 () ())11 () ())11 () ())11 () ())11 () 47. இராமலிங்க அடிகளார் எழுதிய நூல் எது? ())10 ()10 ()11 ()11 ()11 ()11 ()11 ()11	71.	ചുക്കാസ്പങ്കണസ് പ്രാത്തിവേടക്കാം	்றுக்கு கிந்தாட இசீவுக் கிந்தாட	റഞ്ഞി	ால்வளையாபகி
а) (பாலை ஆ)குறிஞ்சி இ)(முல்லை ஈ)மருதம் 43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனன? அ)45 ஆ)40 இ)150 ஈ)70 44. கபிலர் எழுதிய சைவத் திரு முறை எது? அ)11 ஆ)12 இ)4 ஈ)7 45. வீர் மாமுனிவர் எழுதிய நால் எது? அ)11 ஆ)12 இ)4 ஈ)7 45. வீர் மாமுனிவர் எழுதிய நால் எது? அ)11 ஆ)12 இ)4 ஈ)7 45. வீர் மாமுனிவர் எழுதிய நால் எது? அ)9 இ)வண்பாப் பாட்டியல் ஈ)7 45. வீர் மாமுனிவர் எழுதிய நால் எது? இ)6வண்பாப் பாட்டியல் ஈ)7 46. நந்தீசர் சதகம் இயற்றியவர் யார்? அ)குணங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் ஈ)வண்ணக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகளார் எழுதிய நால் எது? அ)10னுமுறை கண்ட வாசகம் ஆ)திருகுடந்தைப் புராணம் இ)நந்தனார் சரித்திரக் கீர்த்தனை ஈ)வண்ணச்சரபம் தண்டபாணி சுவாமிகள் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழுங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ)8 இ)குன் எம் பெற்ற செப்பேடு யாது? அ)8 இ)8 இ)6 ஈ)அது <td>42.</td> <td>அகநாரைற்றில் ஒற்றைப்படை எண்களில் பாடல்கள்</td> <td>ா இடம் பெறும் கினை</td> <td>ன யாகு?</td> <td></td>	42.	அகநாரைற்றில் ஒற்றைப்படை எண்களில் பாடல்கள்	ா இடம் பெறும் கினை	ன யாகு?	
43. இன்னிலை என்னும் நூலில் உள்ள வெண்பாக்கள் எத்தனை? அ)45 ஆ)40 இ)150 F;)70 44. கபிலர் எழுதிய சைவத் திரு முறை எது? அ)11 ஆ)12 இ)4 F;)7 45. வீரமாமுனிவர் எழுதிய நூல் எது? இ)11 ஆ)12 இ)4 F;)7 45. வீரமாமுனிவர் எழுதிய நூல் எது? அ)11 ஆ)12 இ)4 F;)7 45. வீரமாமுனிவர் எழுதிய நூல் எது? அ)6தான்னுல் விளக்கம் ஆ)திதம்பரப் பாட்டியல் இ)வெண்பாப் பாட்டியல் F;)முத்து வீரியம் 46. நந்தீசர் சதகம் இயற்றியவர் யார்? அ)குணங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் இ)சர்க்கரைப் புலவர் F;)மன்னக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகளார் எழுதிய நூல் எது? ஆ)திருகுடந்தைப் புராணம் இ)ந்தனார் சரித்திரக் கீர்த்தனை F;)வண்ணச்சரபம் தண்டபாணி கவாமிகள் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 F;)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ)இ இ)கு F;)495 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ)இகுன் இ)கு F;)495 50. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு <td></td> <td>அ)பாலை ஆ)குறிஞ்சி</td> <td>இ)(மல்லை</td> <td></td> <td>ஈ)மருகம்</td>		அ)பாலை ஆ)குறிஞ்சி	இ)(மல்லை		ஈ)மருகம்
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44. கபிலர் எழுதிய சைவத் திரு முறை எது? இ)4 Fr)7 45. வீரமாமுனிவர் எழுதிய நூல் எது? இ)4 Fr)7 45. வீரமாமுனிவர் எழுதிய நூல் எது? அ)தொன்னுல் விளக்கம் ஆ)சிதம்பரப் பாட்டியல் இ)வெண்பாப் பாட்டியல் Fr)முத்து வீரியம் 46. நந்தீசர் சதகம் இயற்றியவர் யார்? அ)குணங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் இ)சர்க்கரைப் புலவர் Fr)வண்ணக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகளார் எழுதிய நூல் எது? அ)மனுமுறை கண்ட வாசகம் ஆ)திருகுடந்தைப் புராணம் இ)நந்தனார் சரித்திரக் கீர்த்தனை Fr)வண்ணச்சரபம் தண்ட பாணி சுவாமிகள் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? Fr)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? A) இ)கு 49. இன்னமனுர்ச் செப்பேடு இ)குவள்விக்குடிச் செப்பேடு 49. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு யாது? அ)சின்னமனூர்ச் செப்பேடு ஆ)வேள்விக்குடிச் செப்பேடு இன்னமனூர்ச் செப்பேடு Fr)திருமலை நாயக்கர் காலச் செப்பேடு		ය උදින්තා දී ආ)45 ආ,)40	()150		FF)70
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 அ)தொன்னுல் விளக்கம் ஆ)சிதம்பரப் பாட்டியல் இ)வெண்பாப் பாட்டியல் ஈ)முத்து வீரியம் 46. நந்தீசர் சதகம் இயற்றியவர் யார்? அ)குணங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் இ)சர்க்கரைப் புலவர் ஈ)வண்ணக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகளார் எழுதிய நூல் எது? அ)மனுமுறை கண்ட வாசகம் ஆ)திருகுடந்தைப் புராணம் இ)நந்தனார் சரித்திரக் கீர்த்தனை ஈ)வண்ணச்சரபம் தண்டபாணி சுவாமிகள் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ) ஐ ஆ)ஆல் இ)கு ஈ)அது 50. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு யாது? அ)சின்னமனூர்ச் செப்பேடு ஆ)வேள்விக்குடிச் செப்பேடு இ)மேல் சேவூர்ச் செப்பேடு ஈ)திருமலை நாயக்கர் காலச் செப்பேடு 	45.	வீர்மாமுனிவர் எழுதிய நூல் எது?			
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 அகுணங்குடி மஸ்தான் சாகிபு ஆ)சேகனாப் புலவர் இ)சர்க்கரைப் புலவர் ஈ)வண்ணக்களஞ்சியப் புலவர் 47. இராமலிங்க அடிகளார் எழுதிய நூல் எது? அ)மனுமுறை கண்ட வாசகம் ஆ)திருகுடந்தைப் புராணம் இ)நந்தனார் சரித்திரக் கீர்த்தனை ஈ)வண்ணச்சரபம் தண்டபாணி சுவாமிகள் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ) ஐ ஆ)ஆல் இ)கு ஈ)அது 50. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு யாது? அ)சின்னமனூர்ச் செப்பேடு ஆ)வேள்விக்குடிச் செப்பேடு இ)மேல் சேவூர்ச் செப்பேடு ாறதிருமை நாயக்கர் காலச் செப்பேடு 	46.	நந்தீசர் சதகம் இயற்றியவர் யார்?			
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 அ)மனுமுறை கண்ட வாசகம ஆ)திருகுட நதைப் புராணம இ)நந்தனார் சரித்திரக் கீர்த்தனை ஈ;வண்ணச்சரபம் தண்டபாணி சுவாமிகள் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ) ஐ ஆ)ஆல் இ)கு ஈ)அது 50. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு யாது? அ)சின்னமனூர்ச் செப்பேடு ஈ)திருமனை நாயக்கர் காலச் செப்பேடு 	47.	இராமலிங்க அடிகளார் எழுதிய நூல் எது?	. .		
 இ)நந்தனார் சருத்திரக் கரத்தனை ஈ)வணைச்சரப்ப தண்டபாண் சுவாய்கள் 48. பாஷா சம்மேளனம் அமைப்பு எந்த ஆண்டிலிருந்து விருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ) ஐ ஆ)ஆல் இ)கு ஈ)அது 50. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு யாது? அ)சின்னமனூர்ச் செப்பேடு ஆ)வேள்விக்குடிச் செப்பேடு இ)மேல் சேவூர்ச் செப்பேடு ஈ)திருமலை நாயக்கர் காலச் செப்பேடு 		அ)மனுமுறை கண்ட வாசகம	ஆ)திருகுடநடை 	தப் புராணம் ந். – கூச்சு பட்ட கூசி	
 பாஷா சம்மையை அமைப்பு வறத் ஆண்டிலாருந்து வருது வழங்கி வருகிறது? அ)1996 ஆ)1999 இ)2013 ஈ)1955 49. பாடம் படித்தான்- என்னும் தொடரில் மறைந்து வரும் வேற்றுமை உருபு யாது? அ) ஐ ஆ)ஆல் இ)கு ஈ)அது 50. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு யாது? அ)சின்னமனூர்ச் செப்பேடு ஈ)திருமலை நாயக்கர் காலச் செப்பேடு 	10	குமுந்தனார் சரத்தனை பாணாம் சரத்தனை	ല)ഖഞ്ഞുക്വി പെറ്റും പറ്റാം പറ്റം പറ	பம் தண்டபாண் சிசைய	പണ്ടാനന്നും പെടുത്ത
 குராசான குராசான குரா குராசான குராசா குராசான குராசான குராசான குராசான குராசான குராசாசான குராசாசான குராசான குராசான குராசான குராசான குராசான குராசாசான குராசாசான குராசாசாசா குராசாசான குராசாசா குராசாசா குராசாசாசாசாசாசாசாசாசாசாசாசாசாசாசாசாசாசாச	4ð.	பால்கா காலானா அல்லாறப்பு எந்த ஆண்டிலாருந்து (வாமுது வழங்கி வரு வாலு	லறவி,	
 அ) ஐ ஆ)ஆல் இரு ஈ)அது 50. மாபாரதம் தமிழ்ப் படுத்தும் மதுராபுரித் தமிழ்ச்சங்கம்- என்னும் அடி இடம் பெற்ற செப்பேடு யாது? அ)சின்னமனூர்ச் செப்பேடு இ)மேல் சேவூர்ச் செப்பேடு இ)மேல் சேவூர்ச் செப்பேடு 	<u>4</u> 0		പ്രിവാവം പ്രപാപം പ്രവാദം പ്രവാദ		ככבדויוו
து, கூகு கூகு கூகு கூகு கூகு கூகு கூகு கூ	ч).	ച) ഇ ചെയ്യാനായ പാല്ലാന് പ്രവസ്ത്രം പാല്ലാം പാല്ലാ	പ എന്ന് എഷ	undit.	ரு) அகு
அ)சின்னமனூர்ச் செப்பேடு இ)மேல் சேவூர்ச் செப்பேடு நிருமல் சேவூர்ச் செப்பேடு இ	50	ு கு/கு~ மாபாாகம் கமிம்ப் படுக்காம் மகாாபரிக் காிம்ச்சங்கா	த்- என்னம் அடி இடர் ப்- என்னம் அடி இடர்	ம் பெற்ற செப்பே	படு யாசு! `ுவ
		அ)சின்னமனூர்ச் செப்பேடு	ஆ)வேள்விக்க	டிச் செப்பேடு	J
		இ)மேல் சேவூர்ச் செப்பேடு	ஈ)திருமலை நா	் ாயக்கர் காலச் ெ	ிசப்பேடு

ANS	WER	S: (GENE	RAL	KNOW	LED	GE	(2	5-02-2	2023) 🏷	
EVERYDAY SCIENCE	1 . B	2. D	3.A	4.A	5.C	6.B	7.A	8.C	9.A	10.A <	<u>6</u>)⊳
GENERAL STUDIES	11.C	12.A	13.C	14.D	15.D	16.D	17.C	18.A	19.A	20.C	V
CURRENT AFFAIRS	21.D	22.D	23.C	24.A	25.C	26.B	27.A	28.B	29.B	30.C	
QUANTITATIVE APT	TUDE	:	31.C	32.C	33.D	34.A	35.A				
 31. C Cost Price (CP) Selling Price (SD) Discount (D) = 32. C Selling Price (SD) 	 31. C Cost Price (CP) = Rs. 1500 Selling Price (SP) = Rs. 1350 Discount (D) = CP-SP = 1500-1350 = 150 Discount % = (D/CP) x 100 = (150/1500) x 100 = 10 % 32. C Solling Price (SP) = Rs 2 00 000 										
Loss (L) % = 20 % Cost Price (CP) = $(100 / 100 - L) \times SP$ = $(100 / 100 - 20) \times 200000 = (100 / 80) \times 200000 = 5 \times 50000 = 250000$ 33. D Cost Price (CP) = Rs. 220, Discount (D) % = 20 % Discount = $(D \times CP) / 100 = (20 \times 220) / 100 = 44$											
Selling Price = 0 34. A Actual Price (A Cost Price (CP) Selling Price (S	Selling Price = $CP - D = 220 - 44 = 176$ 34. A Actual Price (AP) = Rs. 1250, Additional spent cost(ASC) = Rs. 250 Cost Price (CP) = AP + ASC = 1250 + 250 = Rs. 1500										
Setting Price (SP) = Rs. 1400. Loss (L) = CP = SP = 1500 = 1400 = 100 Loss % = (L / CP) x 100 = (100 / 1500) x 100 = 20 / 3 = 6.67% 35. A Selling Price (SP) = Rs. 405 Profit (P) % = 20 % Cost Price = (100 / 100+P) x SP = (100 / 100+20) x 405 = (100 / 120)+405 = (5/6) x 405 = (5/2) x 135 = 675/2 = 337.5											
TEST OF REASONING	i:		36.C	37.C	38.C	39.A	40.A				
36. C The correct order Arrival Introdu 3	r is : ction 5	Present 1	ation	Discussi 4	ion Rec	commer 2	ndation	l			
37. C Clearly, From 1	to 100	, there a	are ten 1	numbers	s with 3	as the u	unit's d	igit - 3	, 13, 23	, 33, 43, 5	3, 63, 73,

- 83, 93 and ten numbers with 3 as the ten's digit 30, 31, 32, 33, 34, 35, 36, 37, 38, 39. So, required number = 10 + 10 = 20
- 38. C Meaningful words are ROSE, SORE and EROS. Note the meaning of the words SORE and EROS with the help of dictionary. 39. A $1^2 + 1=2$, $2^2 - 1=3$, $3^2 + 1=10$, Now $10^2 - 1 = 99$, $99^2 + 1=9802$
- 40. A Here Grass is to Erosion and whereas Dam is to Water.

Since Grass prevents Erosion similarly Dam prevents Water flow. Hence, Grass : Erosion :: Dam : Water.

தமிழ் விடைகள்

41.ஆ)மணிமேகலை 45அ)தொன்னூல் விளக்கம் 42.அ)பாலை 43.**அ**)45 44.**அ**)11 46.அ)குணங்குடி மஸ்தான் சாகிபு 47.அ)மனுமுறை கண்ட வாசகம் 48.**அ**)1996 50.அ)சின்னமனூர்ச் செப்பேடு 49.அ) ஐ

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VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE



		EVERYDAY	SCIENCE	$\bigvee \nabla$
1.	What are the characteristics of an	electric-fuse wire?		·
	a) Low melting point, high specif	fic resistance	b) High melting point, low s	specific resistance
	c) Low melting point, low specifi	ic resistance	d) High melting point, high	specific resistance
2.	What are the brighter areas on the	Sun's surface called?		1
	a) Analemma	b) Corona	c) Faculae	d) Nanoflares
3.	As per CPCB data, which state wa	as the most polluted pl	lace in India in 2022?	,
	a) Mumbai	b) New Delhi	c) Varanasi	d) Bangaluru
4.	What is the scientific name of La	ighing Gas?		a) 2 migaini a
	a) Nitrous Oxide b) Phospho	orous Pentoxide	c) Sodium Bicarbonate	d) Carbon Tetrachloride
5	Which of the following elements	is identified by the 7th	group and 4th period of the	modern periodic table?
	a) Copper	b) Iron	c) Manganese	d) Chromium
6	Memory loss would most likely b	e due to a malfunction	of which part of the brain?	<i>a) cmcmcmcm</i>
	a) Medulla	b) Cerebellum	c) Cerebrum	d) Pons
7.	Human sperm moves with the hel	p of which of the follo	owing?	
	a) cilia	b) flagellum	c) basal body	d) nucleosome
8	Which of the following is not mat	ched correctly?		<i>a)</i>
0.	a) Roothair-absorption b) Flowe	ers-reproduction c) S	tem-grow towards light d)	Chlorophyll-respiration
9	Which of the following vitamins l	help in the absorption	of calcium?	
	a) Vitamin A	b) Vitamin B	c) Vitamin C	d) Vitamin D
10	Watering hole, which was seen s	sometimes in the news	is associated with which fie	ld?
10.	a) construction	b) artificial intelligen	ce c) cyber-attack	d) finance
		o) artificiar interingent	ee eyeyser attack	d) Infunce
		GENERAL S	TUDIES	
11.	World's largest religion (populat	tion wise) is		
	[A] Hindu	[B] Muslim	[C] Christian	[D] Buddhists
12	Who is known as the Father of T	amil literature?		
12.	[A] Nakkirar	[B] Pushvamitra	[C] Aggatiyam	[D] Agastaya
13.	When did the Vira Nirvana Sam	vat era begin?	[0]88000	[22] 1 2800000 0
10.	[A] 366 BCE	[B] 554 BCE	[C] 437 BCE	[D] 527 BCE
14.	Among the five monolithic ratha	s of Pallavas at Mahal	balipuram, the largest is ?	[2]02,202
1	[A] Ariuna	[B] Bhima	[C] Dharmaraja	[D] Draupadi
15	Rouff is a folk dance. It has its o	rigin in which of the f	ollowing states?	
10.	[A] Himachal Pradesh	[B] Assam	[C] Mizoram	[D] Kashmir
16	Alha is a folk music associated y	with which state of Ind	ia?	
10.	[A] Maharashtra	[B] West Bengal	[C] Uttarakhand	[D] Madhya Pradesh
17	Jallikatu is celebrated in which s	tate of India?		
17.	[A] Tamil Nadu	[B] Kerala	[C] Karnataka	[D] Telangana
18	Who started the Ganesh Chaturt	hi festival?		
10.	[A] Bal Gangadhar Tilak	[B] Lala Lainat Rai	[C] Binin Chandra Pal	[D] Mahatma Gandhi
19	In which year print media starte	d in India?		
17.	[A] 1970	[B] 1871	[C] 1780	[D] 1601
20	Who started Young India?			
20.	[A] Mk Gandhi	[B] GK Gokhale	[C] Annie Besant	[D] B G Tilak
		CURRENT A	FFAIRS	
21	Which city has been renamed as	'Chatranati Sambhaiii	nagar'?	
21.	[A] Pune	[B] Aurangahad	Inagan : [C] Nashik	[D] Ahmed Nagar
22	Which is the first platform to lau	unch 'HPLLITE navme	ents'?	
	[A] Google Pay [B] Mi	Pay [C] Paytm	Payments Bank [])] Airtel Payments Bank
23	The second Semicon India Eutur	a Design Poodshow w	as recently launched in which	b city?
23.	[A] Hyderebed	[P] Channai	Cl Pongoluru	[D] Gandhi Nagar
24	[A] Hyderabau Elephont Concernation Network	[D] Cheminal (ECN) has been recom	[C] Deligaturu	
24.	[A] Assam [B] Madhya P	(ECN) has been leven rodoch [C] Korolo	[D] Kornotoko	
25	[A] Assain [D] Maulya F.	v insugurated in which	[D] Kalilataka	
23.	Silvaniogga Airport was recent	y maugurated in which	II State/UT?	[D] West Dancel
76	[A] New Delli Gualgung Infra Project to which	[D] Namataka	[U] U = 0	d with which counter?
∠0.	Gyaisung inira Project, to Which	niuna provided a gran	11 OI KS 2 Dillion, 1S associated	a with which country?
77	[A] STI LANKA [B] Ne	pai [C] Bh	Iutan [D] Myanma	LI.
21.	INIKSANI weapon system has be	en developed by which	a organisation?	
20	[A] HAL	[B] BEL		[D] ISKO
28.	which state is the nost of the 'G	IODAI Kesponsible Iou	irism Summit' /	
	[A] SIKKIM	[B] Kerala	[C] Goa	[D] Himachal Pradesh

20	Will be the most of the line in the Internet is not Interlied		
29.	What is the rank of India in the International Intellect	Lual Property Index 2023?	[D] 55
30	[A] 20 [D] 52 Which neighbouring country of India signed MOU w	[C] 42 with ISA to increase use of sola	[D] JJ
50.	[A] Sri Lanka [B] Nepal	[C] Bangladesh	[D] Myanmar
		[C] Dunghuoom	
	QUANTITATIV	E APTITUDE	
31.	$1+2+3+\ldots+K=325$, then find $1^3+2^3+3^3+\ldots+k^2$	3	
	a) 105625 b) 52065 c) 67714	d) 12730	
32.	Supposing a clock takes 7 seconds to strike 7, how lo	ng does it take for the same cl	ock to strike 10?
	a) 16.5 seconds b) 14.5 seconds	c) 12.5 seconds	d) 10.5 seconds
33.	A metallic sphere of radius 16cm is melted and recas	t into small spheres each of ra	dius 2 cm. How many
	small spheres can be obtained?		
	a) 496 b) 512 c) 67	2 d) 768	
34.	A garden roller whose length is 3cm long and whose	diameter is 2.8 m is rolled to l	evel a garden. How
	much area will it cover in 8 revolutions?		
25	a) 212.2 m ² b) 252.2 m ² c) 21	1.2 m ² d) 211.5m ²	
35.	If the sides of the triangle are 3cm, 4cm and 5cm, the	In the area is $\frac{2}{2}$ is 12	
	a) 3 cm^2 b) 6 cm^2 c) 9 c	$d)12 \text{ cm}^2$	
	τεςτ οε di	ASONING	
36	A hag contains 50 P 25 P and 10 P coins in the ratio	$5 \cdot 9 \cdot 1 \text{amounting to } \mathbf{R} \le 206$	Find the number of
50.	coins of each type respectively	5. 9. 4, amounting to RS. 200	
	A) 360 160 200 B) 160 360 200	C) 200 360 160	D) 200 160 300
37	Look at this series: $2 + 1 + (1/2) + (1/4)$ What number	should come next?	D) 200,100,500
57.	a) $1/3$ b) $1/8$ c) $2/8$	d)1/1	6
38.	Which word does NOT belong with the others?	<i>a)</i> 1/1	
	a)inch b)ounce c)cer	d)var	.d
39.	Arrange the words given below in a meaningful sequ	ence.	
	1. Key 2. Door 3. Lock		
	4. Room 5. Switch on		
	a)5, 1, 2, 4, 3 b)4, 2, 1, 5, 3 c)1, 3	3, 2, 4, 5 d)1, 2	2, 3, 5, 4
40.	Choose the word which best expresses the meaning o	f the given word. BRIEF	
	a)Limited b)Small c)Lit	tle d)Sh	ort
	தமி	дф	
41.	'புண்' என்றுவள்ளுவர் எதனைக் குறிப்பிடுகிறார்?	5	
	அ.ஊழ் ஆ.புலால் இ.கஎ	ன் ஈ.நோய்	
42.	'அறம் பெருகும் வழி' எனத் திருவள்ளுவர் எதனைக்	க கூறுகின்றார்?	
	அ.கோபச்சொற்களைக் கூறுதல்	ஆ.புகழ்ச்சொற்களைக் கூறு	தல்
13	இ.இனியுசொற்களைக் கூறுதல் சீசிடாறியடன் மர்நதைர் நாய்யாற்றும் வட்ரியானதா	ஈ.பழியுடைசை சொறுகளைக் வன்னவர் எவ்வாறு வலைர்ரிறை	கூறுதல ?
45.	ത്രത്ത്വായം നടക്കാണ് അവവന്ത്വന്നെ കുട്ടും പെറ്റും പ്രത്താന് പാര്ക്കാം പ്രത്താന് പാര്ക്കാം പാര്ക്കാം പാര്ക്കാം പ	യംസ്ത്രാധ്വ് അവാധസ്വിച്ചയുള്ളക്കുന്ന എന്നുക്ക് ക്രീത്തം	ரா ஈமக்கட்கு டைல்
44.	ஒருவரின் நகைக்கும் உவகைக்கும் பகையாக இருப்ப	து.மக்கட்கு தல்த பதுஎதுஎன்றுவள்ளுவர் குறிப்பி(ு.மல்லட்டு <u>உ</u> டல் தின்றார்?
	அ.அச்சம் ஆ.அழுக்காறு	இ.அழகை	ஈ.சினம்
45.	தமிழ்நாடுஅரசின் சமுதாயநலனுக்காகஆற்றியசேவைக்	குசிறந்த மூன்றாம் பாலினத்தவ	<u></u> வர் விருதுபெற்றவர்?
16	அ.பானி ஆ.கிரேஷ்பானு 1901லை சசோகிச்சன் என்றுப்பாசில் குகிரில் வாசோ	இ.தஷா சியயா வ. கொலைச் தொடங்கிய	ஈ.்.பஹிமா
40.	1891இல் கூத்சயதுன் என்றவப்புல் தயழல் ஒருதேல் வகோகலே வனிகப்படனியும்	சியபருவ இதழைத் தொடங்கிய இடி முக்குமாமி	பலு ஈபிரங்கையா
47.	திராவிடமகாஜன சபையைநிறுவியவர் யார்?	௮ஂ௸௰ௐ௶௶௶	
-	அ.சர்.பி.டி.தியாகராயர் ஆ.அயோத்திதாசர் பண்டிதர	இ.ஜோதிபாபூலே	ஈ.அய்யாவைகுந்தர்
48.	ஜைன,புத்தமத நூல்கள் முதன் முதலில் எந்தமொழிய	ில் எழுதப்பட்டன?	
	அப்ராகிருதம்,பாலி ஆ.சீனம்,தமிழ்	இ.கிரேக்கம்,ஆங்கிலம்	ஈ.இலத்தீன்,அரேபியம்
49.	இசைநுனுக்கம்' என்னும் இசை இலக்கண நூல் யா(வசோம்	ரடையஆட்சிக் காலத்தில் அங பெல்லவர்	ங்கேற்றப்பெற்றது? கபாண்லார்
50	എ.യാഗ്വഗ് എ.യാഗ്വഗ് എ.യാഗ്വഗ് എ.യാഗ്വഗ് എ.യാഗ്വഗ് എ.യാഗ്വഗ് എ.യാഗ് എ.യാഗ് എ.യാഗ് എ.പ്. പ്രംഗ് എ.പ്. പ്രംഗ് എ.പ് "ബ്രാമിൽ എന്നതാം" നതാം പ്രംഗ് എ.യാഗ് പ്രംഗ് എ.പ്. പ്രംഗ് എ.പ്. പ്രംഗ് എ.പ്. പ്രംഗ് എ.പ്. പ്രംഗ് എ.പ്. പ്രംഗ് എ.	அ.பல்லல் ப	։։
50.	ചാത്ത് ബന്ദ്രാത്ത് തയാല പലംഗത്ത് ക്യാന്വാ ഡ്നു ; .എ.എഗ്ര.ഖണ്ണിഡ്വ്വന്ന് .എ.ക്കിഗത്തി	இ.நாமக்கல்	ஈ.தமிழமகன்
			- vv

ANSWERS: GENERAL KNOWLEDGE (18-03-2023)													
EVER	YDAY SCIEN	ICE	1 . B	2.C	3.B	4.A	5.C	6.C	7.B	8.D	9.D	10.C	
GENE	RAL STUDI	S	11.C	12.D	13.D	14.C	15.D	16.D	17.A	18.A	19.C	20.A	
CURR	ENT AFFAIF	RS	21.B	22.C	23.C	24.A	25.B	26.C	27.C	28.B	29.C	30.C	
QUAN		PTI	TUDE	:	31.A	32.D	33.B	34.C	35.B				
 31.A 32.D 33.B 34.C 35.B 	31.A $1+2+3++K=325$ $1^3+2^3+3^3++k^3 = (1+2+3++K)^2 = 325^2 = 105625$ 32.D Clearly, seven strikes of a clock have 6 intervals while 10 strikes have 9 intervals. \therefore Required time =([7/6] x 9) seconds =10.5 seconds. 33.B Volume of sphere =4/3 π r ³ cubic units. Volume of sphere with 16 cm radius = (Volume of sphere with 2cm radius) n $4/3 \times \pi \times 16 \times 16 \times 16 = (4/3 \times \pi \times 2 \times 2 \times 2) \times n$ By simplification $16 \times 16 \times 16 = (2 \times 2 \times 2)$ n By simplification $512 = n$. The number of spheres could be obtained is 512. 34.C We know that, $1 = 3$ m diameter = 2.8 m, then, radius = 2.8 / 2 = 1.4 m. So, we get, circumference of the circle $= 2\pi r = 2 \times \frac{22}{7} \times 1.4 = 2 \times \frac{22}{7} \times \frac{14}{10} = 8.8$ m Area of the circle = length x circumference = 3 x 8.8 = 26.4 m ² Area covered in 8 revolutions = 26.4 x 8 = 211.2 m ² 35.B Given: the sides of a triangle are 3 cm, 5 cm and 4 cm. To find out: Area of triangle Solution:- The lengths of the sides are a=3 cm, b=5 cm, c=4 cm. \therefore s = (a + b + c)/2 = (3 + 5 + 4)/2 cm = 6 cm We use the formula, Δ = Square root of [s(s-a)(s-b)(s-c)] = Square root of [6(6-3)(6-5)(6-4)] cm ² = Square root of [6×3×1×2] cm ² = 6 cm ²												
TEST 36.C 37.B 38.B 39.C 40.D	Sequence root of point of po												

தமிழ் விடைகள்: 41.இ 42.இ 43.இ 44.ஈ 45.ஆ 46.ஆ 47.ஆ 48.அ 49.ஈ 50.அ

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VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE 25-03-2023

		IENCE	
1	EVERIDAT SO Which one of the following elements the drum of a Photo	LIENCE stat machine is made u	v v
1.	(a) Aluminium (b) Selenium	(c) Barium	(d) Caesium
2	What kind of energy is stored in the spring of a watch?	(c) Darium	(u) Caesium
Ζ.	(a) Kinetia (b) Potential	(a) Uast	(d) Chamical
2	(a) Kinetic (b) Potential	(c) Heat	(d) Chemical
3.	() The set of these physical quantities is a vector quantity?		
	(a) Temperature (b) Speed	(c) Work (c	a)Gravitational Intensity
4.	APJ Abdul Kalam Satellite Launch Vehicle Mission-2023	was launched from w	hich state?
_	(a) Maharashtra (b) Goa	(c) Tamil Nadu	(d) Karnataka
5.	Which of the followings gives hardness to stainless steel?		
	(a) Carbon (b) Lead	(c) Zinc	(d) Tin
6.	Which among the following blood protein regulates the ar	nount of water in plasr	na?
	(a) Globulin (b) Albumin	(c) Fibrin	(d)Fibulin
7.	Human body has how many vertebrae?		
	(a) 32 (b) 35	(c) 33	(d) 47
8.	Seaweeds are an important source of which of the following	ng?	
	(a) Iron (b) Chlorine	(c) Bromine	(d) Iodine
9.	Which one of the following organs converts glycogen into	glucose and purifies t	he blood?
	(a) Spleen (b) Lungs	(c) Liver	(d) Kidney
10.	Which is also known as the master gland of our body?		•
	(a) Pineal gland (b) Thyroid gland	(c) Adrenal glan	d (d) Pituitary gland
	GENERAL ST	UDIES	
11.	The most dominant contribution to GDP in recent year is		
	a) agriculture b) industry	c) service	d) export
12.	Which one of the following is not a strike under Industria	al disputes Act?	
	a) Stay in strike b) Hunger strike c) Syr	npathetic strike	d) Demonstration
13.	The objectives of JandhanYojana is		
1 /	a) Financial inclusion b) Reducing regional disparities	c) Social exclusion	d) Population control
14.	which year video Cassette Recorder which entertained i	nankind was introduce	d) 1055
15	World water Day is observed on	C) 1950	u) 1955
15.	a) March 22 b) June 5 c) Set	otember 10	d) December 22
16.	The first financial institution set-up in India		<i>a) 2</i> 000 <i>m 2 2</i>
	a) IDBI b) ICICI	c) IRBI	d) IFCI
17.	Income Tax Act come into force with effect from 1 st Apr	il	
	a) in 1956 b) in 1962	c) in 1961	d) in 1960
18.	Largest Banana producing state in India is		
	a) Tamil Nadu b) West Bengal	c) Andhra Prade	esh d) Delhi
19.	Dowry prohibition act was passed in the year 1062	-) :- 10(1	1) : 1000
20	a) 1963 b) in 1962 With reference to plastic packaging, what does EPP step	c) in 1961 d for?	d) in 1960
20.	a) Extended Producer Responsibility) Environment Protect	ion Responsibility
	c) Ecological Protection Role) Epoxy Poly Rehydro	xy-sulphate
	CURRENT AF	FAIRS	ing surprises
21.	Unique Identification Authority of India (UIDAI) is a sta	tutory body functionin	ng under which
	Union Ministry?		-
	[A] Ministry of Electronics and Information Technology	[B] Ministry of	f Home Affairs
	[C] Ministry of External Affairs	[D] Ministry of	f Defence
22.	S-400 Triumf missile system is developed by which cour	ntry?	
22	[A] USA [B] Russia ['	C] Israel	D] France
23.	[A] Our Aim – Zero Harm	[B] Our Aim- 7	ero Accident
	[C] Health and Safety	[D] Elimination	of Occupational Hazard
24	Yaoshang Festival is celebrated in which state?		
	[A] Manipur [B] Assam [C] West Bengal	D] Odisha
25.	Which Union Ministry is set to host the 'World Food Inc	lia-2023' event?	
	[A] Ministry of Agriculture	[B] Ministry of F	ood Processing Industries
	[C] Ministry of Rural Development	[D] Ministry of H	Iousing and Urban Affairs

26.	Indian defence forces sus	spended operations of v	which ty	pe of helicopters after	the incident of sudden
	loss of power?				DI Vattalianum an
27	[A] Dhruv	[B] Virat	1-1-1-1-	[C] Akash	[D] Kattabomman
27.	Katarniya Gnat wiidille	Sanctuary is located in	which	State/UT?	[D] Guieret
28	[A] Kallalaka Who is the author of Poc	[D] Telaligalia kkuzhi whose translat	ion was	[C] Uttal Flatesii featured in the longlis	[D] Oujalai t for the International
20.	Booker Prize 2023?		ion was		
20	[A] Perumal Murugan	[B] Namita Gokhale		[C] Anees Salim	[D] Chitra Mudgal
29.	Who was appointed as the	chairman of Pension Fun	d Regul	atory and Development A	Authority (PFRDA)?
20	[A] Deepak Monanty Multhuementri Ledli Del	[B] Sarad Kumar Hota	a d bu mi	[C] M K Jain	[D] Urjit Patel
50.	Mukiiyamanui Laun Dai	IIIa I Ojalia was fauliche [P] Madhya Pradash	a by wi	[C] Tolongono	[D] Goo
	[A] Uttal Flatesh				[D] 00a
31. '	Three candidates conteste	d an election and recei	ved 113	6 7636 and 11628 vot	es respectively. What
	percentage of the total vo	tes did the winning car	didate	pet?	tos respectivery. What
	A. 57%	B. 60%	laraute	C. 65%	D. 90%
32.	Find a positive number w	hich when increased b	v 17 is (equal to 60 times the re	eciprocal of the number.
	A. 3	B. 10	<i>J</i> 1, 15	C. 17	D. 20
33.	The average of 20 number	ers is zero. Of them. at	the mos	t. how many may be g	reater than zero?
	A. 0	B. 1		C. 10	D. 19
34. '	The fourth proportional to	5, 8, 15 is:			
	A. 18	B. 24		C. 19	D. 20
35.	In a camp, there is a mea	l for 120 men or 200 cl	nildren.	If 150 children have ta	aken the meal, how many
	men will be catered to wi	th remaining meal?			
	A. 20	B. 30		C. 40	D. 50
		TEST C)F RE A	SONING	
36.	Choose the word that is a	a necessary part of the	underlir	ed word Language	
	a) Tongue	b) Slang	c) Writ	ing	d) Words
37.	Choose the word which l	best expresses the mean	ning of	the given word. EMBE	EZZLE
20	a) Misappropriate b) Bala	ance c) Rem	unerate	a) Clear	
38.	Find the odd one out in t	nis series: $8, 27, 64, 10$	0, 125,	210, 343	d) 242
20	a) 27 Guida is to direct as redu	0) 100	c) 123		u) 545
39.	a) Decrease	b) Maintain	c) Incr	2262	d) Preserve
40	IAK KRL I CM MDN	0) Maintain	c) mer	case	
т 0.	a) OEP	, b) NEO	c) MEI	N	d) PFO
		0)1120	கமி		u) 11 Q
41	பாகன் பாகவில் யாருடை	யால்கள் நாட்டுடைன	ழங்கு படியாக்	∠ ടിഡ്ഡി തി?	
11.	லு யாகியார்	வ யாகிகாசன்	இ) வாச	க்கண்புருகனார்	ா\கபகேகுட வம்மாள்
42	துப்படுத்தலைக்கம் கடிப்படல்கலைக்கம்க இ	ஆ/பாரதுதாலை)ராசராசன் பரிசு பெற்ற	യ്യാല്യം ജനവാശ്	ர் படி தருணாநிதியின் ந	ால் எகு
ד∠.	றப்பிற்ற பல்லைல் குறைக் வடுகள் பாண்டிக் சிங்கம்	ு இருப்பிய பிரப்பாண்ட வலாப்பாயிர் பாண்ட	யன்	ற பு கருணாந்துடின் ந இடியான்னர் சங்கர்	நிலைவது
43	சீசன் பால்கு எந்த நாட்டை	த்,ரோமாபுரம் பாண்டி ச் சார்ந்தலர்?			П)Цшоо
τJ.	லண் பால்கு எற்ற நாடன்ட வடுக் காலி	_o o பற்றல்றா வ) ஹெர்ம <i>ன்</i>		ை வயர்லாக் கட	ாலரைப்பிலார்ப
11	அகுறையல்	ஆ/லஜர்மன் பார்		இர்அளரலாற்றி	யிலியாலைபற்று
44.	ലംഗം ഗണ്ണാവാവന്	பார்: பார்:	A		ால் பில் பில் பில் பில் பில் பில் பில் பி
15	அஉறிப்புலவர் அ	,)அமைது மல்றக்காயர் எல். எச்.சு.ச்.சு.மணுக் போ		நண்ங்குடி பல்றோன்	மருகள்ளாதிர புலையி
43.	பாலைப்பாட்டு என்னும் ந	பல எந்தச் சமண்டு மது ப வல் வலிசோ சிச் சாச்		_டது ? அப்பாற்கை சசசர்	
16	அஅவநயனார	ஆ)அவலராதுநாதர கலகலை பென்ன வண்		ஜுமயலை நாதர	மற்கு அறையில் குறை
40.	முதல உலகத் தமிழ் மிந	ாடு நடை எபற்ற ஆண்டு	யாவி		
47		ஆ)1970 ஆர்த்தான் பட்டி		Q I)1974	H·)1966
47.	கடைச்சங்கத்தை நறுவய	ப மன்னன் யார?			
10	அ)காயச்சின் வழுதி 。	ஆ)கடுங்கோன 	<u> </u>	இ)வெண்டேர்ச்செழிய	ன ஈ)முடத்திருமாறன
48.	கழக்கண்ட வற்றுள் உயர	ട്ടിത്തെ ഖിതെെഗ്രற്றും (சொல ய	ாதி;	
10	அ)வந்தது எ	ஆ)வந்தன · ·		ஜு)வந்தவள	ா)வந்தாள்
49.	கழக்கண்டவற்றுள் சினை	ப பெயர் யாது?		a a i	2
-	அ)மரம	ஆ)ஆடு 		இ)மனிதன்	ന)കിണെ
50.	கழை என்னும் சொல்லில்	ா பொருள யாது?			
	அ)மூங்கில்	இ)அம <u></u> டு		இ)வேண்டாத செடி	ஈ)அன்பு

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ANSWERS: GENERAL KNOWLEDGE

(25-03-2023)



mechanism for Aadhaar-based fingerprint authentication. UIDAI is a statutory body that was established by the Indian Government in

January 2009. It comes under the aegis of the Ministry of Electronics and Information Technology. 22. B The S-400 Triumf is a surface-to-air missile system that was developed in Russia in the 1990s as an upgrade to the S-300 family. The system was first put into service on April 2007. The S-400 Triumf has advanced features such as a long-range, high-altitude interception capability, and the ability to track multiple targets simultaneously

23. A The National Safety Day is celebrated on March 4 across India every year. It aims to raise awareness about the importance of health and safety at workplaces and create a culture of safety among the general public. The National Safety Day commemorates the establishment of the National Safety Council (NSC) of India in 1966. It was observed for the first time in 1972. The theme for National Safety Day 2023 is 'Our Aim – Zero Harm'.

24. A Yaosang is one of the key festivals in Manipur. It is celebrated over five days during the full moon day of the Lamda month (February-March). The festival is part of the indigenous traditions of the Meitei people. The celebrations include a wide range of activities such as the Thabal Chongba, a traditional Manipuri dance, sports competitions like Mukna Kangjei (a combination of hockey and wrestling), and Pana Sankirtana, a form of traditional music.

25. B The Ministry of Food Processing Industries will host the second edition of 'World Food India-2023' in November 2023 in New Delhi.WFI-2023 will focus on promoting India as a global food processing hub, highlighting culinary diversity, attracting investment, and exploring business opportunities. Five key elements of WFI-2023 include Millets, Innovation and Sustainability, White Revolution 2.0, Making India an export hub, and Technology and Digitization.

26. A Indian Navy ALH Dhruv experienced a sudden loss of power and rapid loss of height, on a routine flying mission off Mumbai.Following the incident, Indian defence forces suspended operations of the ALH until the cause of the technical failure is established by investigators. The ALH Dhruv helicopters serve various purposes for the Indian defence forces, including transportation of personnel and equipment.

27. C The Katarniya Ghat Wildlife Sanctuary is located in the Terai of Bahraich district in Uttar Pradesh, India. It forms an important link Dudhwa Kishanpur India between the tiger habitats of and and Nepal. in The Katarniya Ghat Wildlife Sanctuary provides a refuge for several threatened species such as the gharial, tiger, rhino, Gangetic dolphin, Swamp deer, Hispid hare, Bengal florican, the White-backed and Long-billed vultures. A rare albino deer was found spotted recently in this sanctuary

28. A Pyre, the English translation of writer Perumal Murugan's Tamil novel Pookkuzhi, has figured in the longlist for the International Booker Prize 2023. The translator is Aniruddhan Vasudevan, who also translated Perumal Murugan's Maathorubhagan into English as One Part Woman. This is the first Tamil novel that has found a place in the International Booker longlist.

29. A The government has appointed Deepak Mohanty as chairman of Pension Fund Regulatory and Development Authority (PFRDA). He replaced Supratim Bandyopadhyay, whose term ended in January.

Prior to this, Mohanty, a former executive director of the Reserve Bank of India (RBI), served as a member of PFRDA. 30. B Mukhyamantri Ladli BahnaYojana was launched by the Madhya Pradesh Government to provide Rs.1,000 monthly aid to women. It is currently increasing women's usage of bank accounts in Jabalpur district. The application for this scheme is set to start on March 25.

QUANTITATIVE APTITUDE : 31.A 32.A 33.D 34.B 35.B

31. A Total number of votes polled = (1136+7636+11628) = 0400. Required percentage= [(11628)/(20400)]x100% = 57%

32. A Let the number be x. Then x+17 = 60/x, $x^2 + 17x - 60 = 0$, (x+20)(x-3)=0, x = 3

33. D Average of 20 numbers = 0., Sum of 20 numbers $(0 \times 20) = 0$.

It is quite possible that 19 of these numbers may be positive and if their sum is *a* then 20th number is (-*a*).

- 34. B Let the fourth proportional to 5, 8, 15 be x. Then, 5:8:15:x $5x = (8 \times 15),$ $X=(8 \times 15)/5=24$
- 35. B There is a meal for 200 children. 150 children have taken the meal.
 Remaining meal is to be catered to 50 children. Now, 200 children = 120 men.
 1 Children=120/200, 50 Children =(120/200)*50 = 30 men

TEST OF REASONING : 36.D 37.A 38.B 39.A 40.B

36. (d) Words are a necessary part of language. Slang is not necessary to language (choice b). Not all

- languages are written (choice c). Not all languages are spoken (choice a).
 37. (a) Part of Speech: verb Definition: steal money, often from employer
 Synonyms: abstract, defalcate, filch, forge, loot, misapply, misappropriate, misuse, peculate, pilfer, purloin, put hand in cookie jar, put hand in till, skim, thieve
 Antonyms: compensate, give, pay, reimburse, return
- Antonyms: compensate, give, pay, reimburse, return 38. (b) The pattern is 2³, 3³, 4³, 5³, 6³, 7³. But, 100 is not a perfect cube.
- 39. (a) Guide and direct are synonyms, and reduce and decrease are synonyms. The answer is not choice b or d because neither means the same as reduce. (Choice c) is incorrect because increase is the opposite of reduce.
- 40. (b) This is an alternating series in alphabetical order. The middle letters follow the order ABCDE. The first and third letters are alphabetical beginning with J. The third letter is repeated as a first letter in each subsequent three-letter segment.

தமிழ் விடைகள்: 41.அ)பாரதியார் 42.அ)தென்பாண்டிச் சிங்கம் 43.ஆ)ஜெர்மன் 44.ஆ)அகமது மரைக்காயர் 45.இ)மயிலை நாதர் 46.ஈ)1966 47.ஈ)முடத்திருமாறன் 48.ஈ)வந்தாள் 49.ஈ)கிளை 50.அ)மூங்கில்

VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE



		SCIENCE	V
1.	The only sphere which contains all clouds in the atmosp a) Mesosphere b) Exosphere	ohere c) Stratosphere	d) Troposphere
2.	In petrol bunks, the tyre pressure of vehicles is measure a) Cd b) Psi	in a unit called c) mol	d) A
3.	Lime water has a pH value	•)	<i>u) i i</i>
4	a) Less than 7 b) More than 12 The chemical used to identify drinkers in alcohol test	c) Zero	d) Equal to 12
5	a) Copper sulphate b) Potassium dichromate The pressure exerted by man on earth is minimum when	c) Sodium carbonate	d) Potassium permanganate
5.	a) Sits b) Stands on one feet	c) Stands on both feet	d) Lies on ground
6.	a) Pancreas b) Liver	c) Intestinal glands	d) Renin
7.	a) Cerebrumb) Spinal Cord	c) Pons	d) Hypothalamus
8.	The toxic substance present in the seeds of apple and ch a) Ascorbic acid b) Acetic acid	erry is c) Amino acid	d) Prussic acid
9.	Roots are absent in plant.a) Hvdrillab) Wolffia	c) Lotus	d) Eichhornia
10	. The hormone present in the liquid endosperm of cocon	ut is	
	a) Auxin b) Gibberellin	c) Cytokinin	d) Ethylene
	GENERAL S	TUDIES	
11	. The most dominant contribution to GDP in recent year a) Agriculture b) industry c) service	is d) export	
12	. Which year Video Cassette Recorder which entertained	d mankind was introduc	ced?
13	Income Tax Act come into force with effect from 1 st	April)
14	c) in 1956 b) in 1962 c) in 1961	d) in 1960	
14	a) Extended Producer Responsibility	b) Environmer	t Protection Responsibility
	c) Ecological Protection Role	d) Environmen	Rehydroxy-sulphate
15	World's largest religion (nonulation wise) is	u) Epoxy i ory	Kenyeroxy suprace
15	a) Hindu b) Muslim	c) Christian	d) Buddhists
16	. Among the five monolithic rathas of Pallavas at Mahal	balipuram, the largest is	s ?
10	a) Arjuna b) Bhima	c) Dharmaraja	d) Draupadi
17	. Who started the Ganesh Chaturthi festival?	/ J	/ I
	a) Bal GangadharTilak b)LalaLajpatRai	c) Bipin Chandra Pal	d) Mahatma Gandhi
18	. Development expenditure of the Central government d	oes not include	
	a) Defence expenditure	b) Expenditure	e on economic services
	c) Expenditure on social and community services	d) Grant to sta	tes
19	Gilt-edged market meansa) Bullion Marketb) Market of Government Securiti	es c) Market of Gun	s d) Market of Pure Metals
20	. The currency convertibility concept in its original form	n originated in	
	a) Wells Agreement b) Bretton Woods Agreemen	t c) Taylors Agree	ement d)None of the above
0.1	CURRENT A	AFFAIRS	
21	[A] Culture [B] Horticulture	[C] Einongo	[D] Deceerab
22	The Unique Land Parcel Identification Number (ULPIN	N) is an alpha-numeric	number with how many digits?
23	. Which institution released the 'Global Report on Sodiu	m Intake Reduction'?	
24	[A] WHO [B] UNICEF . Silicon Valley Bank, which was shut down recently, is	[C] NITI Aayog based in which country	[D] World Bank ?
25	[A] Russia [B] Ukraine	[C] USA	[D] UK
23	[A] Israel [B] France	[C] USA	[D] Japan
26	Who is the first woman in India to receive the International[A] Jyotirmayee Mohanty[B] Ritu Karidhal	Union of Pure and Applie [C] Tessy Thomas	ed Chemistry (IUPAC) award? [D] Minal Rohit
27	. Which country has appointed Eric Garcetti as its ambas	ssador to India?	און ועו
28	(TV-D1) is the first test vehicle demonstration of which	i mission of India?	
20	[A] Gaganyaan [B] Samudrayaan	[C] Aditya	[D] Venus Mission

29.	Which is the first NATO country to deliv	er fighter jet to	the warring country?	[D] Einland				
30	'Governor of the Year' Award for 2023 y	was conferred i	[C] Foldilu recently to the Governa	[D] Filliallu or of which country?				
50.	[A] Sri Lanka [B] India		[C] Bangladesh	[D] United Kingdom				
	QUA	ANTITATIVE	APTITUDE					
31.	A container contains 40 litres of milk. Fr	rom this contai	ner 4 litres of milk wa	s taken out and replaced by				
	water. This process was repeated further	two times. Ho	w much milk is now c	ontained by the container?				
20	a)26.34 litres b)27.36 litres	c)28 lit	tres d)29.1	6 litres				
52.	the work. How many more days will be	required to cor	nier working for 5 day	s, 5 men and 8 women leave				
	L) 19 men and 12 women together can complete the work in 18 days							
	II) 16 men can complete two-third of the work in 16 days.							
	III) In 1 day, the work done by three men in equal to the work done by four women							
	a) I) only b) II only	c) III o	nly d) I or	II or III only				
33.	January 1, 2008 is Tuesday. What day of	f the week lies	on Jan 1, 2009?	1				
24	a)Monday b) Wednesday	c) Thu	rsday d) Sun	day				
54.	remaining 40 overs to reach the target of	rate was rate vas	only 5.2. what should	be the full rate in the				
	a) 6.25 b) 6.5	c) 6.75	d) 7					
35.	Find the odd man out. 8, 27, 64, 100, 12	5, 216, 343						
	a)27 b) 100	c)125	d)343					
26		TEST OF REA	ASONING					
36.	If 91 is 9, 10 is 0, 24 is 8, then 32 is	:	0)6	d)5				
37	Vinith is taller than Vijay Saran is taller	than Vinith an	d Sundaresan Vijav is	taller than Praveen and				
57.	Praveen is not the shortest. Then who is	the shortest?	a Buildarebailt. Vijay ib					
	a)Vijay b)Saran		c)Vinith	d)Sundaresan				
38.	If ACE : FHJ, then OQS :							
•	a)RTU b)TVX		c)PRT	d)TUW				
39.	Pick the odd one out based on their annu	al salary recen	tly released by BCCI:	d)Character Linea				
40	'Cub' is related to 'Lion' in the same wa	an was 'Ioev' is t	c)Ravindra Jadeja	d)Shreyas Iyer				
т 0.	a)Horse b)Kangaroo	ly ds 500y 131	c)Rabbit	d)Mouse				
	, , , ,		,	,				
		தமிழ	þ					
41.	மயங்கொலிஎழுத்துகளின் எண்ணிக்கைய	ாது?	_					
10			9 .10	FF.11				
42.	ച്ചപന്നി വക്രത്തവക്രാംബത്തം എപന്നി എം.കന്നി		இ .வரி	ஈ.அகியன்				
43.	கரிகாற் சோழன் ஆட்சிக்காலத்தில்நடை	பெற்றமுதல் டெ	ுகள் பரும் போர் எது?					
	அ.காந்தளூர்ச்சாலைப்போர் ஆ.ஈழப்	போர்	இ.வெண்ணிப்போர்	ஈ.வேங்கிப்போர்				
44.	எட்டுத்தொகை நூல்களுள் பாண்டியர்கள	ளப் பற்றிமட்டு கானாயங்களிக்க	மேபாடும் நூல் எது? ஸ்கர்கால் கொண்டுகான					
45	அபது நூய்பத்தும் நந்நணையும் ஆ.குநுநன சைவசம்பக் காவர்களில் வடமொமியம்	தாகையும்பதாற்று கமிரமம்	பபத்தும் இ.குறுந்வதான கம்முக்கேர்க்கவர்	கை ஈ.கலத்தொகையும் பரபாடலும				
10.	அ.திருஞானசம்பந்தர் ஆ.திரு	தமாழும் நன்கு நாவுக்கரசர்	இ.மாணிக்கவாசகர்	ஈ.சுந்தரர்				
46.	தென்னிந்தியநலஉரிமைச் சங்கம் தனதுகொ	ள்கைகளைமக்க	ளிடையே பரப்ப எத்தனை	ன பத்திிரிக்கைகளை நடத்தியது?				
47	의. 3 의. 2		<u>@</u> .1	<u></u> 				
47.	பாரதியார பிறந்தஎட்டயபுரத்தில் முதன (வமகரணாரிகி	முதலில் மதிய ராசர்	உணவுத திட்டத்தைத . தொட்லி வர்	தொடங்கிவைத்தவர் யார்? ஈணெபலலிகா				
48.	அச்சு இயந்திாக்கின் மூலம் பெரியபாரன	ராசர ரம் போன்ளசை	ஆ.எம்.ஜா.ஆர வஇலக்கியங்களைப் ப	கிப்பிக்கவர்?				
	அ.திருபூர்ணலிங்கம் ஆ.மகா	வித்வான்ராகன	வயங்கார் இ.ஆறு	முகநாவலர் ஈ.மு.வ				
49.	9. நான் கொல்லுகிறேன் என்றுஎண்ணுவதும் நான் கொல்லப்படுகிறேன் என்று எண்ணுவதும் இரண்டும்							
	ஆழயாமை என்று கூறுவது? வ விஷ்ணாயாணம் வுயீமக்பாகவதம் பெகவக்கீகை சுமகாயாகம்							
50.	எந்தஒருதேசியதிருவிழாபெண் தெய்வங்க	ருக்காகக் கெ	ுதுது. ாண்டாடப்படுகிறது?	പ്രത്വാന്വാള്യ				
	அ.தீபாவளி ஆ.நவர	ாத்திரி	இ.பொங்கல்	ஈ.ஒணம்				

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ANSWERS: GE	NERA	L KN	OWL	EDG	=	(01-0	4-2023	3)		
EVERYDAY SCIENCE	1 . D	2.B	3.B	4.B	5.D	6.B	7.D	8.D	9.B	10.C
GENERAL STUDIES	11.C	12.C	13.B	14.A	15.C	16.C	17.A	18.A	19.B	20.B
CURRENT AFFAIRS	21.B	22.C	23.A	24.C	25.C	26.A	27.C	28.A	29.C	30.B

21) The Mission for Integrated Development of Horticulture (MIDH) is centrally sponsored scheme aimed at promoting the comprehensive development of the horticulture sector in India. Under this scheme, the central government contributes 60% of the total outlay for developmental programs in all states except those in the North East and Himalayas, where it contributes 90%. Till date, 49 Centers of Excellence (COEs) have been established under this mission in various states via bilateral cooperation or research institutes. 22) The Unique Land Parcel Identification Number (ULPIN) is a 14-digit alpha-numeric number generated based on latitude and longitude of land parcels. Its purpose is to provide the authoritative source of truth on any parcel of land or property. The Department of

Land Resources will be organizing a national conference in New Delhi to discuss the implementation of ULPIN or Bhu-Aadhaar. 23)The WHO Global Report on Sodium Intake Reduction allocates a sodium country score to each member state to estimate the impact of policy progress on population dietary sodium intake and cardiovascular disease. According to the report, the WHO recommended policies to reduce sodium intake can prevent 2 million deaths by 2025 and 7 million deaths by 2030. The world is not on track to achieve the global target of reducing sodium intake by 30% by 2025.

24) The US regulators have shut down Silicon Valley Bank (SVB) and taken control of its customer deposits in the largest failure of a US bank since 2008. The firm, which was a key tech lender, was scrambling to raise money to plug a loss from the sale of assets affected by higher interest rates. Silicon Valley Bank faced inadequate liquidity and insolvency

25) The Tata Group and US Aerospace Lockheed Martin have agreed to produce fighter wings at their joint venture; Tata Lockheed Martin Aero structures Limited (TLMAL) in Hyderabad. The MOU allows the production of 29 fighter wing shipsets and includes an option for additional shipsets. Deliveries will start in 2025.

26) The International Union of Pure and Applied Chemistry (IUPAC) is a global federation consisting of National Adhering Organizations.Jyotirmayee Mohanty, a scientist at the Bhabha Atomic Research Centre, Mumbai, is the first woman in India to receive the IUPAC award. She received the IUPAC 2023 Distinguished Women in Chemistry or Chemical Engineering in recognition of her works in the field of chemistry.

27) The US government has appointed former Los Angeles mayor Eric Garcetti as the new ambassador to India, two years after his name was first announced for the role. Mr Garcetti, who is a close ally of Joe Biden, was nominated for the post by the US president in 2021. But his appointment was held up after allegations that he had overlooked accusations of sexual harassment against an aide when he was Mayor.

28) The first test vehicle demonstration (TV-D1) under the Gaganyaan mission will be conducted on May 2023. It aims to test the abort process mid-air, the parachute system, and the recovery of crew members after splashdown.

29) Poland announced that it would give Ukraine around a dozen MiG-29s, starting with the first four to be delivered in the coming days. This makes it the first NATO country to deliver fighter jet to the warring country. Both Poland and Slovakia later announced it would send 13 MiG-29 fighter jets to Ukraine in the coming weeks.

30) 'Governor of the Year' Award for 2023 was conferred recently to RBI Governor Shaktikanta Das by the international publication Central Banking. It recognized Das's role in leading the capital markets during the COVID-19 crisis and the Ukraine war.

QUANTITATIVE APTITUDE : 31.D 32.D 33.C 34.A 35.B

31. (D) Amount of milk left after 3 operations = $[40 (1 - 4 / 40)^3]$ litres = $[40 \times 9 / 10 \times 9 / 10] = 29.16$ litres

32. (D) Clearly, I only give the answer. Similarly, II only gives the answer. And, III only gives the answer .

- 33. (C) The year 2008 is a leap year. So, it has 2 odd days. 1st day of the year 2008 is Tuesday (Given) So, 1st day of the year 2009 is 2 days beyond Tuesday. Hence, it will be Thursday
- 34. (A) Required run rate = $[282 (3.2 \times 10) / 40) = 250 / 40 = 6.25$ 35. (B) The pattern is 2^3 , 3^3 , 4^3 , 5^3 , 6^3 , 7^3 . But, 100 is not a perfect cube

TEST OF REASONING : 36.C 37.D 38.B 39.D 40.C

- 36.C Each digit in the given number is multiplied with the other digit: 91=9X1=9, 10=1X0=0, 24=2x4=8, 32=3x2=6
- 37.D Order of heights is: Saran > Vinith > Vijay > Praveen > Sundareshan
- 38.B Each corresponding alphabet is +5 to the initial alphabet
- A+5= F, C+5=H, E+5=J, Similarly: O+5=T, Q+5=V, S+5=X
- 39.D Except Shreyas Iyer (Grade B player INR 3 crore per annum) all three other players are Grade A+ players (INR 7 crore per annum)
- 40.C Baby animal of lion is called cub and similarly joey is the baby animal of kangaroo.

தமிழ் விடைகள்: விடைகள் : 41.அ 42.ஆ 43.இ 44.ஈ 48.@ 45.ஆ 46.அ 47.ஆ 49.**@** 50.அ

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VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE 08-04



1.	One of the most widely u	sed drugs in medicine i	odex is					
	a) methyl salicylate	b) ethyl salicylate	c) acetyl salicylic acid	d) o-hydroxy benzoic acid				
2.	The coldest region of the	atmosphere						
	a) Troposphere	b) Thermosphere	c) Stratosphere	d) Mesosphere				
3.	You are sitting inside an	open vehicle moving w	ith uniform speed. When you	throw a stone vertically				
	upwards, the stone will fall							
	a) Ahead of you	b) Behind you	c) Over you d) Eith	her ahead or behind of you				
4.	Which of the following is	s a thermosetting polym	ner?	2				
	a) Bakelite	b) Nylon-6,6	c) Polyethylene	d) Teflon				
5.	Sodium or potassium salt	s of fatty acids are calle	ed					
	a) proteins b) terpenes c) carbohydrates d) soaps							
6.	The value of acceleration	due to gravity is minin	num on which of these planets	?				
	a) Mars	b) Jupiter	c) Mercury	d) Neptune				
7.	An example of a polar an	nino acid is	-,	-, - , - F				
	a) Glutamine b) Alanine	c) Methionine d) Valine	 2					
8	Mineral associated with c	vtochrome is	-					
0.	a) Mg	b) Cu and Ag	c) Fe	d) Cu				
9	Which device is used as t	he standard pointing de	evice in aGraphical User Envi	ronment				
۶.	a) Keyboard	b) Mouse	c) Iovstick	d) Trackball				
10	Which of the following	is valid storage type?	c) Joystick	d) Hackball				
10	a) Keyboard	b) CPU	c) Pan Drive	d) Trackball				
	a) Reyboard	0) CF 0	c) Fell Dilve	u) Hackball				
		GENF	CRAL STUDIES					
11.	'SAMARTH scheme', w	which was seen in the n	ews, is associated with which	Ministry?				
	a) Ministry of Textiles		b) Ministry of Skill Develop	ment and Entrepreneurship				
	c) Ministry of Home At	ffairs	d) Ministry of Defense	I I I I I I I I I I I I I I I I I I I				
12	What is the theme of Na	tional Safety Day 2023	3?					
	a) Our Aim – Zero Har	rm	b) Our Aim- Zero Ac	cident				
	c) Health and Safety		d) Elimination of Oc	cupational Hazard				
13	As per the 'Indian State	s' Energy Transition' r	report, which states made the	most progress in transition to				
10.	clean electricity?							
	a) Our Aim–Zero Harm	b) Telangana and Tamil N	Jadu c) Gujarat and Punjab d) Haryana and Himachal Pradesh				
14.	Which state is the host of	of the 'Global Responsi	ble Tourism Summit'?	, <u>,</u>				
	a) Sikkim	b) Kerala	c) Goa	d) Himachal Pradesh				
15 Which is the first platform to launch 'UPI LITE payments'?								
1.	a) Coogle Day (b) Mi Day (c) (c) Dayter Dayments Ponk (c) Airtel Dayments Denk							
15	a) Google Pay	b) Mi Pay	c) Paytm Payments Bank	d) Airtel Payments Bank				
16	a) Google Pay Which state passed the '	b) Mi Pay Protection of Drinking	c) Paytm Payments Bank Water Catchment Areas Bill,	d) Airtel Payments Bank 2023'?				
16	 a) Google Pay Which state passed the ' a) Bihar 	b) Mi PayProtection of Drinkingb) West Bengal	c) Paytm Payments Bank Water Catchment Areas Bill, c) Arunachal Pradesh	d) Airtel Payments Bank2023'?d) Odisha				
16. 17	 a) Google Pay Which state passed the ' a) Bihar Which state has mandat 	b) Mi Pay Protection of Drinking b) West Bengal ed one-year work experi	 c) Paytm Payments Bank Water Catchment Areas Bill, c) Arunachal Pradesh rience for recruitment in state 	d) Airtel Payments Bank2023'?d) Odishasovernment departments?				
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27.	To which state has the B	oard of Executive Dire	ctors of the World Bank ap	pproved a \$100 million loan?
	a) Odisha	b) Bihar	c) Jharkhand	d) Goa
28.	Which state signed an M	oU with UNEP to impl	lement an urban cooling pr	rogram in the state?
	a) Gujarat	b) Himachal Pradesh	c) Bihar	d) Tamil Nadu
29.	A Tokyo-based space co	mpany called ALE has	announced plans to create	the world's first artificial
	meteor shower under wh	ich project?		
	a) Buddha	b) Project Beads	c) Project AI	d) Sky Canvas
30.	Which country invited Prin	ne Minister Narendra Mo	di to visit as a guest at the ar	nnual Bastille Day parade in July?
	a) China	b) Japan	c) France	d) Kazakhstan
21	$r' + 1 + 1 + c r^{1/4}$	QUANTIT	ATIVE APTITUDE	
31.	Find the value of 5^{-1} x (125)		
20	a) 10 b) 7.5	c) $15 d$ $35 c = 1.7$	2 70 07 00	
32.	Find the odd one out in t	ne series: $55, 59, 61, 7$	(1, 1), $(1, 2)$, $(1, 2)$	70
22	a) 55 What is the market price	0) 89	C) 8/ $C) 8/$ $C) 8/$ $C) 8/$ $C) 8/$	79 A coto 1902
<i>33</i> .	a) 100	b) 00	person invests Ks. 4000 and 3200	100
31	a) 100 Find the total number of	0) 90 prime factors in the ex	c) 200 d) pression $(14)^{11} \times (7)^2 \times (11)^{11}$	$(1)^{3}$
54.	$\frac{1}{2} \frac{1}{27}$	b)15	$\frac{1}{2} \frac{1}{2} \frac{1}$	20 20
35	There are A^2 students in	a hostel. If the number	of students increased by 1	Λ The expense of mess
55.	increased by Rs 28 per d	a noster. If the number	expenditure per head decre	eased by Rs 2 Find the original
	expenditure	ay. While the average (experientative per neua deere	cased by RS 2. I find the original
	a) 10	b) 15	c) 12 d) 2	28
	u) 10	0) 15	c) 12 d) 1	20
		TEST ()F REASONING	
36.	Complete the series 4, 8,	10, 14, 16, 20, ?.		
	a) 22 b) 67	c) 34	d) 24	
37.	Sunday, Monday, Wedne	esday, Saturday, Wedn	esday, Monday,	
	a) Sunday, Sunday	b) Sunday, Monday	c) Sunday, Wednes	sday d) Sunday, Saturday
38.	E, A, O, I			
	a) E b) U	c) X	d) V	
39.	BINDING : BOOK			
	a) criminal : gang	b)display : museum	c) frame : picture	d) nail : hammer
40.	Find the one which does	not belong to that grou	ıp ?	
	a) 16	b) 28	c) 36	d) 64
			தமிழ்	
41.	கீழ்க்கண்டவர்களுள் தற்போ	தைய சாகித்திய அகாதமி	பாதுக்குழு உறுப்பினர் யார்?	
	அ)இரா.தாமோதரன்	ஆ)ய.மணிகண்டன்	இ)மோ.செந்தில்குமார்	ஈ)எம்.வனிதா(நிதா எழிலரசி)
42.	'தவம் செய்வார் தம் கருமம் (செய்வார்' என்னும் அடி இட	_ம் பெற்ற நூல் எது?	
	அ)புறநானூறு	ஆ)திருக்குறள்	இ)தொல்காப்பியம்	ஈ)சிலப்பதிகாரம்
43.	பாரதி என்னும் பட்டம் பெற்ற	வர் யார்?		
	அ)சுப்பிரமணியன்	ஆ)சண்முகம்	இ)கந்தசாமி	ஈ)கதிரேசன்
44.	விவேகானந்த கல்லூரி என்ப	தில் இடம்பெற்றுள்ள கல்த	லூரி என்பது	
	அ)பொதுப் பெயர்	ஆ)சிறப்புப் பெயர்	இ)வினைச்சொல்	ஈ)தெரிநிலை வினைமுற்று
45.	'அம்மா இங்கே வா வா' என்பத	தில் அம்மா என்பதன் இலக்	க்கனக்குறிப்புயாது?	
10	அ)மூனறாம் வேற்றுமை	ஆ)எட்டாம் வேற்றுமை · · ·	இ)ஆறாம் வேற்றுமை	ஈ)ஏழாம் வேற்றுமை
46.	அறம் செயய விரும்பு என்பதி	ல 'விருமபு' என்பது		
17	அ)கட்டளைச் சொல	ஆ)பெயர்ச்சொல் கொடையாசு	ஜு)ஜுடைச்சொல	ஈ)உரிச்சொல
47.	கழக்கண்ட சொற்களுள் பயன	ாலை யாது?		
18	ഷ്യത്ത്വിലെം വിന്ന് പ്രത്ത വസ്സ വരണ്ട്	ക്യത്രാംഗംലംബ മിന്നറി മത്താന് നാന് പ്രത്താം	குருவற்றான	෦෦ <i>෦</i> ෧ඁ෧෩෦෦෦෩
+0.	விலாம்பு,அல்ற, செப்பு, பொழி விசொல்லாகல்	, ത്രബംബ, ജംരാന് ഒര്വെറ്റ് പ്ര പ്രതന്ത്രകർ	பாருள யாறு? இடவடக்கல்	ருதிரிக்கல்
<u>4</u> 0	പതിന്നു തലങ്ങൾ പത്താം ര മതിന്നു തലങ്ങൾ പത്താം ര	ஆ் உறா⊒குதல பல்லாக சொல் சால	ଷ୍ୟ) ର ାକ ପ୍ରଥିବିତ୍ୟ	ாருற்றைல்
τ).	அடு யார்ச்சொல்	, ஆவினைச்சொல் விளைச்சொல்	இ)இடைச்சொல்	ന്നവലതിക്കല
50	காாணப்பெய பாக்குச் சான்ற		Ø./Ø	
20.	அமாம்	அ)வானம்	<u> </u>	ஈ)கடல்
	/	-0,		,

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ANSWERS: GENERAL KNOWLEDGE

(08-04-2023)



2.D 7.A **EVERYDAY SCIENCE** 1.A 3.C 4.A 5.D 6.C 8.C 9.B 10 **GENERAL STUDIES** 11.A 12.A 13.A 14.B 15.C 16.C 17.B 18.B 19.C 20.C 21.D 22.A 23.C 24.D 25.C **CURRENT AFFAIRS** 26.B 27.A 28.C 29.D 30.B **QUANTITATIVE APTITUDE :** 31.D 32.C 33.C 34.A 35.A

31. D $5^{1/4} \times (125)^{0.25}; 5^{1/4} \times (5^3)^{1/4} = 5$

- 32. C 87 because, the other numbers are prime numbers but 87 has other factors.
- 33. C 100 value of the share = Rs. 100, Dividend per share = 9 an income of Rs. 9 is obtained from an investment of Rs. = (4000/180) * 9 = 200 Market price of the share = Rs. 200.
- 34. A 27 Solution: $(14)^{11} \times (7)^2 \times (11)^3 = (2 \times 7)^{11} \times (7)^2 \times (11)^3 = (2)^{11} \times (7)^{11} \times (7)^2 \times (11)^3 = (2)^{11} \times (7)^{11} \times (7)^2 \times (11)^3 = (2)^{11} \times (7)^{11} \times (7)^2 \times (11)^3$ = $(2)^{11} \times (7)^{13} \times (11)^3$ Therefore, total number of prime factors = 11 + 13 + 3 = 27.

35. A 10 Solution : Total students after increment = 42 + 14 = 56Let the expenditure of students is A Rs/day. Increase in expenditure Rs 28/day. Acc. to question 42A + 28 = 56(A - 2); 42A + 28 = 56A - 112. 14A = 140, A = 10Hence, the original expenditure of the student was Rs 10/day.

TEST OF REASONING : 36.A 37.A 38.B 39.C 40.C

36. A) 22 Above series contains two sub-series in it. 4, 10, 16, 22 8, 14, 20 Each of both term there is difference of 6 i.e. next term is 6 greater than previous term.

- 37. A) Sunday, Sunday Sunday to Monday = no gap, Monday to Wednesday = One day gap.
 Wednesday to Saturday = Two days gap, Wednesday to Monday = Four days gap, So, Next term would be Sunday, Sunday.
 37. A) Sunday, Sunday to Monday = no gap, Monday to Wednesday = One day gap. Saturday to Wednesday = Three days gap. In the next term there must be five days and six days gap.
- 38. B) U E, A, __, O, I.
- The given series consists of vowels in decreasing order, starting with E. Hence, the missing
- 39. C) frame : picture A binding surrounds a book; a frame surrounds a picture.
- 40. C) 36 16, 36, 64 and 4 are perfect squares but not 28.

தமிழ் விடைகள்: 41. அ)இரா.தாமோதரன் 42. ஆ)திருக்குறள் 43. அ)சுப்பிரமணியன் 44. அ)பொதுப்பெயர் 45. ஆ)எட்டாம் வேற்றுமை 46. அ)கட்டளைச் சொல் 47. இ)வந்தான் 48. அ)சொல்லுதல் 49. இ)இடைச்சொல் 50. இ)பறவை

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