VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST-625234 GENERAL KNOWLEDGE



EVERYDAY SCIENCE

1.	Production of chlorofluorocarbons (CFC) gas which is proposed to be banned	in India, is used in which
	of the following domestic products?	d) Cooking gas
2.	Which of the following is NOT true about Indian space research?	u) cooking gus
	(a) The first satellite launched in India was Aryabhatta	
	(b) Great scientist Dr. Vikram Sarabhai is known as the father of Indian space	ce research
3.	What make the metals are good conductors of electricity?	ice, illula
-	a) Because they contain free electrons b) Because the atoms are ligh	ntly packed
	c) Because they have high melting point d) All of the above	
4.	The process by which solid substance changes into liquid is called a) Boiling (b) Diffusion (c) Melting (c) Alternative (c) Conde	insation
5.	Why Aluminium is used for making cooking utensils?	insation
-	a) It is good conductor of heat b) It is sonorous c) It is malleable	d) None of the above
6.	When a substance loses electrons, it is called	
7	a) Corrosion b) Rust c) Oxidation d) Osmos Which set of insects is useful to man?	SIS
/.	a) Honey bee, silk moth, dragonfly b) Honey bee, locust, Lac inse	ect
	c) Lac insect, silk moth, honey bee d) Rice weevil, silk moth, hone	ey bee
8.	Plants that grow in saline soil are called	
9	Iron is present in the human blood in the form of a	d) Thallophytes
5.	a) Free salt b) Complex c) Compound d) Mixture
10.	Which of the following branches of science is concerned with the classification	on of organisms?
	a) Agronomy b)Genealogy c)Histology d)	Taxonomy
	GENERAL STUDIES	
11.	Sati was declared illegal and punishable by	
10	A) Lord William Bentinck B) Lord Ripon C) Lord Canning	D) Lord Dalhousie
12.	A) 11 Nebru B) B G Tilak C) Rabindranath Tagore	D) Subhas Chandra Bose
13.	Which was the largest site of Indus Civilization?	
	a) Mohenjo-Daro B) Lothal C) Chanhudaro	D) Dholavira
14.	At which of the following harappan sites, an Inkpot has been discovered	[D] Chaphudara
15.	Which among the following is a gualitative tool of monetary policy?	
	[A] Bank Rate [B] Credit Ceiling [C] Credit rationing	[D] Cash Reserve Ratio
16.	If the Reserve Bank of India wants to increase the Cash Reserves commerci	al Banks, which among
	the following would be the most probable step taken by it?	
	[A] Release Gold from its reserves [B] Buy bonds in the	ne open market
17	[C] Prohibit the transactions that involve bill of exchange [D] Increase the transactions that involve bill of exchange [D] Increase the transactions that involve bill of exchange [D] increase the transactions the transactions the transactions th	nche reserves with the IMF
17.	[A] Ministry of Finance [B] FXIM bank	nong the following:
	[C] Reserve Bank of India [D] Selected Public Sector Banks	
18.	Portion of deposits banks have to park with RBI is called?	
	A] Statutory Reserve Ratio B] Capital Adequacy Ratio	
	C] Cash Reserve Ratio D] CASA	
19.	Which of the following agricultural commodity of India gives largest in terms	s of export value?
20	[A] Tea [B] Basmati Rice [C] spices [D] cotto	n
20.	Which among the following bodies estimates the national income of India?	
	[A] Office of the Economic Advisor [B] Ministry of Statistics	
21.	Govt. has launched "Paisa" portal which has been designed and developed b	by which bank?
	a. SBI b. Bank of Baroda c. Allahabad Bank d. Punjab	National Bank
22.	Which state has emerged as the top performer of the centre's ambitious hea	alth financing scheme –
	a. Rajasthan b. Andra pradesh c. Odisha d	. Guiarat
23.	2018 G20 Summit will be held in which country?	
. .	a. China b.Argentia c. France d.	Germany
24.	Cadava National Day will be celebrated on?	November 30
25.	Which state has bagged the Best State Award in Cadaveri Organ donation for	or the 4 th time?
2.	a. Tamil Nadu b. Andra pradesh c. Kerala d.	Gujarat

26.	Which state govt. ha	as released lexicons of 2 attack of 2 attacks and 2 attacks at	1 Tribal languages fo	r multilingual education (MLE)
	a. Tamil Nadu	b. Odisha	c. Kerala	d. Gujarat
27.	3-day long Logix Inc a. Mumbai	dia 2019 will be held at b.Lucknow	which place? c.Delhi	d.Indore
28.	One of a kind world-	-class autism township v	worth Rs.500 crore, w	vill be set up in which city?
29.	a. Mumbai How many scientists	b.Kolkata s have been selected for	c.Delhi the prestigious Swar	d.Indore majavanti Fellowship Award
	instituted by the De	partment of Science and	d Technology for the	year 2017-2018?
30.	a. 15 Who has won the Gl	b. 20 obal Goespatial Industr	c. 14 v Ambassador Award	d.22 ?
	a. Arun Kumar	b. Sanjay Kumar	, c. Pawan Go	yal d. Amandeep Singh.
		QUANTI	TATIVE APTITUDE	
31.	What is the value of	$\frac{3}{-+-+5}$		
	24	4 6 8	27	
	(a) $\frac{24}{37}$ (b)	$\frac{8}{24}$ (c) $\frac{24}{8}$	(d) $\frac{37}{24}$	
32.	What is 60 % of 80?	24 0 ?	24	
22	(a) 46 (b)	48 (c) 50	(d) 52	the new cost?
55.	(a) 100 (b)	106 (c) 10	08 (d) 6	4
34.	If $\frac{x}{-} = \frac{4}{-}$, then what	is the value of $\frac{6x+4y}{3}$?	
	y 3'	6x-5y		
	(a) 8 (D)	6 (C) 4	(d) 2	
35.	What is the value of	$\sqrt[4]{41} - \sqrt{21} + \sqrt{19} - \sqrt{9}$.		
	(a) 3 (b)	6 (c) 9	(d) 12	
		TEST	OF REASONING	
36.	If $42 \to 26$, $71 \to 78$ a) 68 b) 7	and $33 \rightarrow 16$, then $62 \rightarrow 38$	d) 54	
37.	BZDX : FVHT :: JRL	P:	u) 5 1	
38.	a) NNPL b) f The next term of the	NNLO c) NMLR e series 2, 9, 28, 65,	d) NNKL . is	
	a) 121 b) 1	195 c) 126	d) 103	
39.	If ARUL is coded as a) 40 b) 4	52, then BINA will be cc 42 c) 26	ded as	
40.	Among five persons,	,Mohan is taller than go	wtham, but not as tal	ll as Ramesh. Sakthi is taller than
	Divya, but shorter ti a) Ramesh	han Jothi, and Jothi is si b) Jothi c) M(horter than Gowtham ohan d) Gov	. Who is the tallest in the group? wtham
	· / · · · ·	-,		
41	'வனப்ப'என்னும் சொவ்	ல்லின் பொருள் பாகு?	தமழ	
	의 의민명 의 의민명	ஆ. காடு	இ. மலை	ஈ. கடல்
42.	'வெக்கை'என்றநாவலி வ வைபயம்	ன் ஆசிரியர் யார்? வூபமணி	ை க்சையாசன்	ஈ (டேனியல்
43.	2011இல் சாகித்யஅகா	ு. துமணா டமிவிருதுபெற்றதமிழ் எடு	ழத்தாளர்	
44.	அ. நாஞ்சில் நாடன் பௌக்கசமயம் கமிம்ஈ	ஆ .புவியரசு எப்பல் குமயோபிய ஆண்டு	இ. சு.வெங்கடேசன் 	ஈ. நீலபத்மநாபன்
	அ. கி.பி.6	ஆ. கி.பி.3	இ. கி.மு.6	ஈ. கி.மு.3
45.	'கவிராசஸ'என்றுஅழை வூவட்டக்கூக்கர்	தக்கப் பெற்றபுலவர் யார்? வ கம்பர்	ைகண்ணகாசன்	ஈ வைரமக்க
46.	து. ஒட்டம்லாததர் நாயக்கர்களின் ஆட்சி	மதுரையில் நிலைபெற்றிர	நந்தஆண்டுகள்	
17	அ. 4ஆண்டுகள் 300000 சங்சநாணயச் சி	ஆ. 40ஆண்டுகள் ிற்கு நானமுக்குக்களை வ	இ. 400ஆண்(ணிக்கூ ரோமகாட்டு இ	ந்கள் ஈ. 4000ஆண்டுகள் வையுசி—
т /.	அ. உலோலா	ஆ. கிளியோபாட்ரா	ைற்று <i>உ</i> ரோமறாடர் இ இ. ஜான்சிரா	ணி ஈ. மங்கையர்கரசி
48.	நாலடியார் எத்தனைஅ .அ. 133	புதிகாரங்களைஉடையது? 	A . 35	FF. 3
49.	ு. நன்னூலில் உள்ள நு	ரற்பாக்களின் எண்ணிக்ை ^~	கயாது?	
50.	அ. วว ஐந்தாம் வேர்ளமை உ	ஆ. 407 உருபுகள்) , 462	ff. 202
	<u>अ</u> . श	் ஆ. ஆல்	இ . கு	ஈ. இல், இன்

@@@@@@@@@@@

EVERYDAY SCIENCE: 1.B 2.C 3.A 4.C 5.A 6.C 7.C 8.A 9.C 10.D 16.B 17.C 18.C 11.A 12.D 13.A 14.D 15.C GENERAL STUDIES: 19.B 20.C 21.C 22.D 24.A 25.A CURRENT AFFAIRS: 23.B 26.B 27.C 28.B 29.C 30.B 33.A 34.C **QUANTITATIVE APTITUDE:** 31.D 32.B 35.B 4|4,6,8 31. Given that $\frac{3}{4} + \frac{1}{6} + \frac{5}{8}$. $LCM = 2|1,6,2 = 4 \times 2 \times 3 = 24.$ 1.3.1 LCM of 4, 6 & 8 (denominators) is 24. So $\frac{3}{4} = \frac{3X6}{4X6} = \frac{18}{24}$; $\frac{1}{6} = \frac{1X4}{6X4} = \frac{4}{24}$; $\frac{5}{8} = \frac{5X3}{8X3} = \frac{15}{24}$. Hence $\frac{3}{4} + \frac{1}{6} + \frac{5}{8} = \frac{18}{24} + \frac{4}{24} + \frac{15}{24} = \frac{18 + 4 + 15}{24} = \frac{37}{24}$. Answer – (d). 32. of means multiplication. Therefore 60 % of 80 means $\frac{60}{100}X \ 80$. Hence $\frac{60X80}{100} = 6X8 = 48.$ Answer -(b) 33. The new raised percentage is (100+25) % = 125 %. So the new price 125% of 80 is $\frac{125 \times 80}{100} = 100$. Answer – (a). 34. Given $\frac{x}{y} = \frac{4}{3}$, then $\frac{6x+4y}{6x-5y} = \frac{6\left(\frac{x}{y}\right)+4}{6\left(\frac{x}{y}\right)-5} = \frac{6\left(\frac{4}{3}\right)+4}{6\left(\frac{4}{3}\right)-5} = \frac{8+4}{8-5} = \frac{12}{3} = 4$. Answer – (c). 35. Given that $\sqrt{41 - \sqrt{21 + \sqrt{19 - \sqrt{9}}}} = \sqrt{41 - \sqrt{21 + \sqrt{19 - 3}}} = \sqrt{41 - \sqrt{21 + \sqrt{16}}}$ $=\sqrt{41-\sqrt{21+4}}=\sqrt{41-\sqrt{25}}$ $\sqrt{41-5} = \sqrt{36} = 6$. Answer - (b) TEST OF REASONING: 36.B 37.A 38.C 39.C 40.A

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

@@@@@@@@@@@

=

GENERAL KNOWLEDGE

15-12-2018

2

EVERYDAY SCIENCE

1.	If force is expressed in newton and the distance in meter, then the work done is expressed in- a) Joule b) Kg wt c) Kg wt m d) Watt	()
2.	Wet-bulb and dry-bulb thermo-meters are used to determine-a) the minimum temperature at a place in any 24-hour periodb) relative humidityc) air pressured) the maximum temperature at a place in any 24-hour period	()
3.	Which of the following colours has got the maximum refractive index for glass?a) Blueb) Greenc) Redd) Indigo	()
4.	The element of an electric stove is made of- a) copperc) magnesiumd) nicrome	()
5.	The most abundant element in the earth's atmosphere is-a) carbon dioxideb) hydrogenc) oxygend) nitrogen	()
6.	All of the following are plant products except- a) cork b) hemp c) silk d) linen	()
7.	Which of the following food articles contain only one of the five constituents of diet, viz., fasts, carbohydrates, proteins, mineral salts and vitamins?a) Breadb) Mongoc) Milkd) Sugar	()
8.	The red blood cells are formed in the- a) heartc) lymph nodesd) bone marrow	()
9.	For digestion of fat, bile is needed. This is secreted by the-a) stomachb) pituitary glandc) pancreasd) liver	()
10.	Excessive secretion from the pituitary gland in children results in– a) increased height b) retarded growth c) weakening of bones d) None of the above	()
11.	Who is the newly appointed Governor of the Reserve Bank of India (RBI)? a) Aravind panagariya b) Shaktikanta Das c) Koushik Basu d) Rajiv Mehrishi	()
12.	Which Twitter handle has been launched by the Union Government to spread awareness about cybera) @Cyber18b) @CyberFriendc) @CyberVigyand) @CyberDost	r crim (nes?)
13.	Indo-China joint military exercise 'Hand-in-Hand' has started in which of the following locations?a) Chengdub) Tianjinc) Guangzhoud) Hangzhou	()
14.	Who has been selected for the Best Woman Parliamentarian (Rajya Sabha) for 2018?a) Nirmala Sitharamanb) Smriti Iranic) Roopa Gangulyd) Kanimozhi	()
15.	Which of the following district Courts will become the first in India to accept e-payments?a) Delhib) Punec) Kolkatad) Chennai	()
16.	On which date, the 2018 International Anti-Corruption Day is observed? a) Dec 10 b) Dec 9 c) Dec 11 d) Dec 12	()
17.	Which of the following has become the new district of Arunachal Pradesh?a) Lepa Radab) Pakke-Kessangc) Manigongd) Shi Yomi	()
18.	Which state government has recently launched a 24-hour helpline `181' for women facing harass a) Tamil Nadub) Andhra Pradeshc) Odishad) Kerala	ment (t?)
19.	Which of the following states has become the India's first state to have four international airporta) Tamil Nadub) Maharashtrac) West Bengald) Kerala	s? ()
20.	Dr. Rajanish Giri has been awarded the DBT Innovative Young Biotechnologist Award (IYBA) 201 his proposed innovative idea on?	.8 for (-)
	a) Ebola Virus b) Chikungunya c) HIV d) Zika Virus CURRENT AFFAIRS		
21.	Asia Pacific Summit 2018 was held in which country from November 30 to December 3, 2018?a) Myanmarb) Nepalc) Indiad) Philippines	()
22.	Bartolome Esteban Murillo was a famous painter of which country?a) Franceb) Germanyc) Italyd) Spain	()
23.	Nagaland (1979) is the first book to be ever written in Nagamese. The book was written by a) Navamlati Chakraborty b) Kishore Jadav c) Madhave Gokhale d) Hari Prasad	?()
24.	The Maharashtra state Assembly has unanimously passed a bill proposing per cent restfor Marathas under "Social and Educationally backward" category?a) 15%b) 20%c) 16%d) 33%	serva (ition)
25.	National Cadet Corps (NCC) celebrated its NCC Raising day on 25^{th} November 2018? a) 69^{th} b) 70^{th} c) 71^{st} d) 72^{nd}	()
26.	Who has authored the book "Fables of Fractured Times"? a) Manmohan Singh b) Shashi Tharoor c) Manish Tewari d) Umakant Mishra	()

27.	The creator of SpongeBob S	<i>quarePants</i> cartoon page	ssed away due to Motor	Neuron Disease, what	t was	his
	a) Tomm Moore	b) Nick Park	c) Mark Burton	d) Stephen Hillenbur	g)
28.	IIT-Bombay graduates has l a) Giko 2	aunched India's first ac b) Miko 2	dvanced personal robot f c) Siko 1	or kids under which n d) Niko 0.5	ame?	
29.	According to Lancet report, days compared to a) 1.2	from 2014-2017, the a the global average of b) 3.4	verage length of heat wa 0.8 - 1.8 days? c) 5.6	aves in India ranged f d) 5.7	rom ()
30.	Who has been appointed as a) George Sudarshan	chairperson of the Ator b) Manilal Bhaumikk QUANTITATIVE	mic Energy Regulatory B c) Mannindra Agrawal E APTITUDE	oard (AERB)? d) Nageshwar Rao G	(untur)
31.	A train moves at a constant	speed of 120 km/hr fo	r 1 km and at 40 km/hr	for the next 1 km. WI	hat is	the
	average speed of the train.	b) 50 kmpb	c) 80 kmph	d) 60 kmph	()
32	A can do a niece of work in	20 days and B can do it	t in 15 days and c can fir	ush it in 25 days, the	n how	,
521	long will they take to compl a) 6(18/47) days	ete the work? b) 12 days	c) 2(8/11) days	d) 47(6/18) days	()
33.	Nishu and Archana can do a days can Archana do it alon	piece of work in 10 da e?	ys and Nishu alone can o	do it in 12 days. In ho	w ma (ny)
	a) 60 days	b) 30 days	c) 50 days	d) 45 days		
34.	If the number 517*324 is con a) 0	mpletely divisible by 3, t b) 1	then the smallest whole n c) 2	umber in the place of d) None of these	* will (be:)
35.	A fruit seller had some apple a) 588 apples	es. He sells 40% apples b) 600 apples TEST OF R I	s and still has 420 apples c) 672 apples EASONING	s. Originally, he had: d) 700 apples	()
36.	Find the next number in the	sequence 20, 38, 62	, 92, 128		()
	a) 164	b) 184	c) 204	d) 170		
37.	JAK, KBL, LCM, MDN, a) OEP	b) NEO	c) MEN	d) PFQ	()
38.	A girl introduced a boy as th a) Brother	ne son of the daughter (b) Son	of the father of her uncle c) Uncle	e. The boy is girl`s d) Son-in-law	()
39.	In a certain code, RIPPLE is	written as 613382 and	LIFE is written as 8192.	How is PILLER writte	n in	`
	a) 318826	b) 318286	c) 618826	d) 338816	()
40.	Choose or find odd word a) House	House, Cottage, Schoo b) Cottage	I, Palace c) School	d) Palace நமிழ்	()
41.	மதுரைக் காஞ்சியின் ஆசிர	ியர் யார்?			()
	அ) நக்கீரர் இ) மாங்குடி மருதனார்		ஆ) முடத்தாமக் கண் ஈ) நப்பூதனார்	னியார்		
42.	பத்துப்பாட்டில் மிகக் குறை அ) மதுரைக் காஞ்சி	ந்த பாடல்களைக் கெ ஆ) முல்லைப்பாட்டு	ாண்ட நூல் எது? இ) பட்டினப்பாலை	ஈ) நெடுநல்வாடை	()
43.	பலரது ஆய்விற்குட்பட்ட சா அ) குறுந்தொகை	ங்க இலக்கியம் நூல் ஆ) கலித்தொகை	எது? இ) அகநானூறு	ஈ) புறநானூறு	()
44.	ஐந்து கருத்துக்களால் உஎ அ) திரிகடுகம்	ர்ளத்தில் உள்ள நோ ஆ) ஏலாதி	யை போக்க வல்ல நூல் இ) திருக்குறள்	ம்? ஈ) சிறுபஞ்சமூலம்	()
45.	குண்டலகேசி காப்பியத்தில் அ) பத்தரை	்குண்டலகேசியின் உ ஆ) கற்புக்கரசி	.ண்மையான பெயர் எது' இ) விசயை	? ஈ) சுதமதி	()
46.	காரைக்கால் அம்மையாரின் அ) புனிதவதி	இயற்பெயர் எது? ஆ) ஆண்டாள்	இ) நாச்சியார்	ஈ) திருமங்கையா	(ழ்வார்)
47.	எழில் முதல்வன் எழுதி சா அ) ஆலோபனை	-ல் -ல் கித்யா அகாதமி விரு _{ச்} ஆ) சோமான் காதலி	து பெற்ற நூல் எது? இ) புகிய உனரநடை	(下)	()
48.	கால் மாத்திரை அளவு ஒல அ) உயிர் எமக்க	ிக்கும் எழுத்து எது? ஆ) ஆய்க எமுக்கு	இ) உயிர்மெய்	ஈ) மெப்	()
49.	இலக்கணத்தில் விடைகளில வ) 11	ூ ஆுத் ஆத்து ன் எண்ணிக்கை யாது? அ) 10	2 (a) 9	w) 8	()
5.0	ு/ு வமகக் கலைாளின் எண்.	⊸ை ு னிக்கை பா≖ு		1, 0	(١
JU.	എ) 4	ஆ) 5	(2) 6	匝) 7	()



	ANSWERS:	GENERAL KNOW	/LEDGE	2 (15-12-2018)
EVERYDAY SCIENCE				
1. A 2. B	3. C	4. D	5. D	
6. C 7. D	8. D	9. D	10. A	
GENERAL STUDIES :-	0.15		10171	
11. B 12. D	13. A	14. D	15. B	
16. B 17. D	18. A	19. D	20. D	
CURRENT AFFAIRS :-				
21. B 22. D	23. A	24. C	25. B	
26. C 27. D	28. B	29. B	30. D	
QUANTITATIVE APTITUDE	:-			
31. D 32. A 33. A		35. D		
31. ANSWER d) 60 kmph				
Distance = 1 km , Speed	l x = 120 km/hr	Speed y = 40 km/h	r	
Average Speed = (2 * x	* y) / (x + y) [ie Same Distance]		
Average Speed = Total	Distance / Tot	al Time [ie Differe	nt Distance]	
Here the distance is san	ne. So, Average	s = Speed = (2 * x * y)	/ (x + y) = (2 * 12	0 * 40) / 160
= 60 km / hr Answer =>	60 km / hr			
32. ANSWER a) 6 (18/47) d	ays			
A's 1 day work = $1 / 20;$	B's 1 day work	x = 1 / 15; C's 1 day	work = $1 / 25$	
(A + B + c)'s 1 day work	= (1 / A) + (1 / A)	B) + (1 / C); (A + B	s + c)'s 1 day wor	$\mathbf{K} = (1 \ / \ 20) + (1 \ / \ 15) + (1 \ / \ 25)$
LCM of 20, 15, 25 = 300	= (15 + 20 + 1)	2) / 300 = 4/ / 300		
A, B, C together to com	plete the work	10, 	-	
= 300 / 47 = 0 (10 / 47)	adays; Answer	=> 0 (10 / 4/) day	5	
(Nishu - Archana)'s 1 day	v work			
(1 / A) + (1 / B) = (1 / 1)) WUIK D) Nishu's 1 da	w work (1 / A) - (1	/ 12)•	
(17 A) + (17 B) - (17 R)	(/ R) = 7 (1	/ R) = (1 / 10) ₌ (1 /	(12),	12 - 120
= (12 - 10) / 120 = 2 / 12	P(0) = 60 days	(17 - 10) = (17 - 10) = (17 - 10)	finish the work	in => 60 days
34 ANSWFR (12 + 10) 7	to to days	A chana atome can		
If the sum of the digits	of a number is	divisible by 3. Then	the number is di	visible by 3.
Here, 517*324 is divisibl	le by 3. So. 5 +	1 + 7 + 3 + 2 + 4 =	22	
The smallest whole num	ber in the plac	e of * is = $2.22 + 2$	= 24 divisible by	3. Answer => 2
35. ANSWER d)	•		,	
Explanation: Suppose o	riginally he had	1 x apples.		
Then, $(100 - 40)\%$ of x =	420.			
60 (20)				
$\Rightarrow \frac{100}{100} \times x = 420$				
(420 x 100)				
$\Rightarrow x = \left \frac{1}{40} \right $	700			
	· 700.			
<u>TEST OF REASONING :-</u>	20.4	20 4	10 0	
36. D 37. B	38. A	39. A	40. C	
36. Answer: Option D	ha diffaranca i	- 10 24 20 26 42		
Explanation: Logic IS: 1	$100 \pm 42 = 170$	5 10, 24, 30, 30, 42	•	
27 Answer: Ontion R	.6 + 42 = 170			
S7. Allswel. Option B				
This is an alternating so	arios in alphabe	atical order		
The middle letters follo	w the order AF	RCDF		
The first and third lette	ers are alphabe	tical beginning with	n I	
The third letter is repe	ated as a first l	etter in each subse	auent three-lette	er segment.
38. Answer: A. Brother			quene an ee tette	. segmenti
Justification: Daughter	of uncle's fath	er Uncle's sister -	- Mother;	
Mother's son Brother.			,	
39. Answer: A. 318826				
Justification:				
The alphabets are code	ed as shown :			
RI P L	E F			
61 3 8	29			
So, in PILLER,	_	_		
P is coded as 3, 1 as 1,	, L as 8, E as 2	and R as 6.		

Thus, the code for PILLER is 318826.

40. Answer: C. School

Justification: All except School are dwelling places. <u>TAMIL :-</u>

41. 🕲	42. ஆ	43. ඉ	44. F	45. அ
46. அ	47. 阕	48. ஆ	49. F	50. ஆ

GENERAL KNOWLEDGE

22-12-2018

EVERYDAY SCIENCE 1. Any molecule which acts directly on an enzyme to lower its catalytic rate is called a) Regulator b) Repressor c) Inhibitor d) Moderator All of the following organs in the human body are located both on the right and the left sides, except 2 b) Kidneys d) Spleen a) Lungs c) Eyes 3. Azadiracta indica is the botanical name of a) Rice b) Neem c) Sandal d) Turmeric 4. Fathom is the unit of measurement of b) Flow of water c) Volume of water a) Depth of water d) Density of water 5. In poorly ventilated buildings which one of the following inert gases can be accumulated? a) Helium b) Neon c) Argon d) Radon 6. The Potassium graphite and Calcium Graphite can be mostly used as which among the following? a) Moderators b) Semiconductors c) Superconductors d) Lubricants 7. Which among the following substances is being used most commonly for producing synthetic jet Fuel? b) Natural Gas c) Plastic Waste d) Biomass a) Coal Among the biotic components of the ecosystem, the producer system is? 8. a) Sea b) Rivers c) Green Plants d) Animals Which among the following is used in preparing windows for X-Ray Tubes? 9. b) Beryllium c) Magnesium a) Barium d) Calcium 10. Buckeyballs are basically the allotropes of a) Carbon b) Sulfur c) Phosphorus d) Calcium **GENERAL STUDIES** 11. Which state has been selected for 2018 Krishi Karman award under rice category? a) Rajasthan b)Jharkhand c)Madhya Pradesh d)Punjab 12. Which neighboring country of India has banned all Indian currency notes above Rs.100? b) Bhutan c) Bangladesh d) Sri Lanka a) Nepal 13. One City - One Operator scheme" which was recently in news is related to which of the following? a) Traffic b) Sewage c) Roads d) Electricity 14. The Central Government contribution in National Pension Scheme (NPS) has raised to how much percentage from the existing 10%? c) 16% a) 14% b) 15% d) 13% 15. Which of the following district courts will become the first in India to accept e-payments? a) Delhi b) Pune c) Kolkata d) Chennai 16. Which state tourism of India has hosted the first-ever Adventure Next 18 in Asia? a) Rajasthan b) Mizoram c) Madhya Pradesh d) Telangana 17. On which date, the 2018 International Anti-Corruption Day is observed? b) December 9 a) December 10 c) December 11 d) December 12 18. Which of the following has become the new district of Arunachal Pradesh? a) Lepa Rada b) Pakke-Kessang c) Manigong d) Shi Yomi 19. Which state government has recently launched a 24-hour helpline `181' for women facing harassment? a) Tamil Nadu b) Andhrapradesh c) Odisha d) Kerala 20. Who is the newly appointed Governor of the Reserve Bank of India (RBI)? a) Arvind Panagariya b) Shaktikanta Das c) Kaushik Basu d) Rajiv Mehrishi **CURRENT AFFAIRS** 21. Name the first Indian who won "Mister Supranational" title in Poland. a) Sahil Salathia b) Nitin Chauhaan c) Sidharth Malhotra d) Prathamesh Maulingkar 22. Who was appointed as the new governor of RBI? b) Pramod Kumar Misra a) Rajiv Mehrishi c) Shakti kanta Das d) Nripendra Misra 23. Scientists from which country developed a "rewritable" paper? a) Germany b) India c) China d) U.S.A. 24. Who became the 18th Chief Minister of Madhya Pradesh? b) <u>Babulal Gaur</u> c) Shivraj Singh Chouhan d) Kamal Nath a) Uma Bharti 14^{th} December is observed as a 25. a) National energy conservation day b) National Girl Child Day c) National Productivity Day d) National Technology Day 26. On which date Ashok Gehlot became the Chief Minister of Rajasthan? a) On 17th Dec 2018 b) on 18th Dec 2018 c) on 19th Dec 2018 d) on 20th Dec 2018 27. Where was the 19th All India Police (AIPDM) Shooting Competition 2018 held? b) Mohali, Punjab c) Manali, Himachal Pradesh d) Mussoorie, Uttarakhand a) Manesar, Haryana 28. Who won the Lifetime Achievement Award at the 23rd International Film Festival of Kerala? a) Dariush Mehrjui b) Majid Majidi c) Malavika Mohanan d) Asghar Farhadi 29. Which country bans the Indian currency notes above Rs 100? c) Thailand a) Bangladesh b) Nepal d) Afghanistan 30. On which date Sunil Arora became the Chief Election Commissioner of India? a) On 2nd Dec 2018 d) 20th Dec 2018 b) 10th Dec 2018 c) 15th Dec 2018

QUANTITATIVE APTITUDE

31.	Find the odd ma	n out. 331. 4	82, 551, 263	. 383, 362, 284				
511	a) 263 b) 383	c) 33	1 d)55	50 <i>5, 502, 20</i> , 51				
32.	Find out the wro	ong number ir	n the given se	quence of num	pers.	56, 72	, 90, 110, 132, 150)
	a) 72	b)110	c)13	2	d)150			
33.	Insert the missi	ng number. 5	, 10, 13, 26,	29, 58, 61, ()			
	a) 122	b) 64	c) 12	25	d) 128			
34.	Find out the wro	ong number ir	the series. 1	.90, 166, 145, 1	.28, 112	, 100,	91	
	a) 100	b) 166	C) 14	45	c) 128			
35.	The sum of first	five prime nu	imbers is	_				
	a) 11	b) 18	c) 20	5	d) 28			
			TECT					
36	A7 CT MN 2 1	/R	IE5	OF REASONI	NG			
50.	AZ, GI, MIN, (,)		c) CH	4) TC				
27	a) Ni Crickot : Ditch :		C) 511	u) 15				
57.	a) Shin ' Dock	b) Boat	. Harbour	c) Boxing · F	lina	۲P	Wrestling Track	
38	laundice · Liver	b) boat	. Harbour	c) boxing . I	ling	u)	Wiesening. Huck	
501	a) Rash : Skin	b) Dialvs	sis : Kidnev	c) Valentine	: Heart	d) Imagination : Bra	in
39.	Cube is related	to Square in t	he same way	as Square is re	lated to		, 5	
	a) Plane	b) Trian	, ale	c) Line		d) Po	int	
40.	Find the odd one	e out	-					
	a) Mango	b) Pa	рауа	c) Apple		d) Ora	ange	
				ாலில்				
				வாந				

41.	பொருந்தாஒன்றைத் தேர்க. கண்ணதாசன் பாடல்கள் அ. முத்தானமுத்தல்லவோமிதந்துவந்தமுத்தல்லவோ ஆ. சின்னப்பயலேசின்னப்பயலேசேதிகேளடா இ. ஆடி அடங்கும் வாழ்க்கையடா ஈ. அதோஅந்தபறவைபோலவாழவேண்டும்
42.	"முந்நீர் வழக்கம் மகடூஉவோடில்லை" என்று கூறியவர்?
	அ. தெரல்காப்பியர் ஆ. பவணந்திமுனிவர் இ. தண்டியடிகள் ஈ. புலவர்குழந்தை
43.	புகைப்பழக்கத்தைக் கதைக்கருவாகக் கொண்ட 'மெல்லமெல்ல மற' என்றசிறுகதையின் ஆசிரியர் யார்?
	அ. இலட்சுமி ஆ. சுஜாதா இ. சுபா ஈ. தாமரை
44.	நபிகள் நாயகத்தின் திருவாழ்வுமுழுமையும் பாடிமுடித்தவர் யார்?
	அ. பனூ அகமதுமரைக்காயர் ஆ. சீதக்காதி இ. உமறுபுலவர் ஈ. செய்குஅப்துல் காதிர் மரைக்காயர்
45.	"மரபுக்கவிதையின் வேர் பார்த்தவர்,புதுக்கவிதையின் மலர் பார்த்தவர்"என்றுபாராட்டப்படுபவர்?
	அ. முடியரசன் ஆ. வாணிதாசன் இ. சுரதா ஈ. அப்துல்ரகுமான்
46.	புறநானூற்றுப் பாடலின் அடிவரையறையாது?
	அ. 4முதல்40 ஆ. 13முதல்31 இ. 9முதல்12 ஈ. 32முதல்140
47.	'பெருங்கதை'என்ற நூல் எத்தனைவரிகளால் யாக்கப்பெற்றுள்ளது?
	அ. 15000 g. 15230 g. 16000 FF. 16230
48.	'மேருமந்திரபுராணம்'என்ற நூலின் ஆசிரியர் யார்?
	அ. வாமனாச்சாரியார் 📩 ஆ. விம்பிசாரன் 🧑. கோச்செங்கணான் ஈ. சேக்கிழார்
49.	'சங்கீதகலாநதி'என்றவிருதினைப் பெற்றஅறிஞர்
	அ. தண்டபாணி ஆ. விபுலாந்தர் இ. பாபநாசம் சிவன் ஈ. சுந்தரேசனார்
50.	2010 ஆம் ஆண்டுஉலகத் தமிழ் செம்மொழிமாநாடுநடைபெற்ற இடம் எது?
	அ. சிங்கப்பூர் ் ஆ. மலேசியா ் இ. கோயமுத்தூர் ஈ. சென்னை

ANSWERS: GENERAL KNOWLEDGE (22-12-2018)



EVERYDAY SCIENCE :

1.C	2.D	3.B	4.A	5.D	6.C	7.A	8.C	9.B	10.A
GENER	AL STU	DIES :							
11.B	12.A	13.B	14.A	15.B	16.C	17.B	18.D	19.A	20.B
<u>CURRE</u>	NT AFF	AIRS :							

21.D 22.C 23.B 24.D 25.A 26.A 27.A 28.B 29.B 30.A 21. Goa's Prathamesh Maulingkar has created history by becoming the first Asian/Indian to win Mister Supranational title in a competition held at Krynica-Zdroj, Poland. The 27-year-old defeated 37 contestants from all over the world in the final round to win the coveted title. At the same pageant, Mister Supranational Poland was adjudged first runnerup, Mister Supranational Brazil was adjudged second runner-up and Mister Supranational Thailand was announced as the third runner-up.

22. The government has appointed Shaktikanta Das as the new RBI governor, a day after Urjit Patel resigned as RBI Governor. He is the 25th Governor of the Reserve Bank of India. A former economic affairs secretary from 2015 to 2017, Das worked closely with the central bank. He is currently a member of the Finance Commission of India, and the government's representative at the Group of 20 summits.

23. Scientists from the Fujian Normal University in China developed a "rewritable" paper that can be drawn or printed on over and over again by changing the temperature. The new material consisted of three layers in a sandwich-like structure where the text could be changed or wiped clean over 100 times by changing the temperature. According to a study published in the journal ACS Applied Material & Interfaces, the messages can last more than half a year, compared to other re-writable papers. It can be used in practical applications such as long-lasting information recording and reading, rewritable label, reprintable display.

24. Congress party has chosen MP statue unit president Kamal Nath as the chief minister of Madhya Pradesh. He will replace outgoing Chief Minister Shivraj Singh Chouhan. A one-line resolution has been passed at the Congress Legislature Party (CLP) meeting in Bhopal to choose the Madhya Pradesh chief minister. Congress party high command will now take the final decision.

25. National energy conservation day is celebrated every year by the people all over India on 14th of December. The Energy Conservation Act in India was executed by the Bureau of Energy Efficiency (BEE) in the year 2001. The Bureau of Energy Efficiency is a constitutional body which comes under Government of India and helps in the development of policies and strategies in order to reduce the energy use.

26. The Congress party has picked old guard Ashok Gehlot over Sachin Pilot as Chief Minister of Rajasthan. Pilot will be the deputy CM of Rajasthan and will also continue as the state Congress chief. India's Grand Old Party won 99 seats of the 199 in the Rajasthan Assembly, just one short of the halfway mark to form the government.

27. Minister of State for Home Kiren Rijiju inaugurated the 19th All India Police (AIPDM) Shooting Competition-2018 at Manesar, Gurugram in Haryana, on 6th December 2018. The competition was held till 11th December 2018. More than 750 participants of 31 teams of State Police Forces and Central Armed Police Forces took part in the event. Total of 13 matches and 41 medals and 13 Trophies were awarded to the winners.

28. The Chief Minister of Kerala Pinarayi Vijayan inaugurated the closing ceremony of the 23rd International Film Festival of Kerala (IFFK) at Nisagandhi Auditorium in Thiruvananthapuram, Kerala. Around 160 films from around the world were screened at the week-long festival that commenced on December 7, 2018. The winners of the IFFK 2018 awards are Lifetime Achievement Award: Filmmaker Majid Majidi (Iran). Suvarna Chakoram for Best Film: The Dark Room. Rajata Chakoram for Best Director: Lijo Jose Pellissery for Ee.Maa.Yove.

29. The Nepal government banned Indian currency above Rs 100. New Indian note of Rs 2,000, Rs 500 and Rs 200 denominations were banned as the Nepal government has not yet legalised them in the market. The announcement was made by Nepal's Minister for Information and Communications Gokul Prasad Baskota. The move can affect the Indian tourist and Nepali people working in India, who carry the currency in Nepal for transaction.

30. Sunil Arora (born 13 April 1956) is the current and 23rd <u>Chief Election Commissioner of India</u>. He is a retired 1980 batch <u>Indian Administrative Service</u> (IAS) officer of <u>Rajasthan</u> cadre. He also served as a <u>secretary to the Government of India</u> in two ministries. Arora's father is a retired accounts officer of the <u>Indian Railways</u>, whereas his mother served in <u>DAV College</u>, <u>Hoshiarpur</u>. Of his two brothers, one is also an <u>IAS officer</u>, whereas, the other is a <u>diplomat</u> from the <u>Indian Foreign Service</u>. Arora has <u>graduate</u> (<u>BA Honours</u>) and <u>postgraduate</u> (<u>MA</u>) degrees in <u>English</u> from <u>Panjab University</u> in the <u>Union Territory of Chandigarh</u>. Arora assumed office as one of the two <u>Election</u> <u>Commissioners of India</u> on 31 August 2017, Arora assumed the office of Election Commissioner on 1 September 2017. On 26 November 2018, it was announced that Arora was would become the Chief Election Commissioner in December 2018, succeeding <u>Om Prakash Rawat</u>.

QUANTITATIVE APTITUDE :

31. B 32.D 33.A 34.D 35.D

31. Ans : B In each number except 383, the product of first and third digits is the middle one.

- 32. Ans: 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.
- 33. Ans: A Numbers are alternatively multiplied by 2 and increased by 3. So, the missing number=61 x 2=122.
- 34. Ans: D Go on subtracting 24, 21, 18, 15, 12, 9 from the numbers to get the next number.
 - 190 24 = 166, 166 21 = 145, 145 18 = 127 [Here, 128 is placed instead of 127]
 - 127 15 = 112, 112 12 = 100 ... and so on. Therefore, 128 are wrong.

35. Ans: D

A prime number (or a prime) is a natural number that has exactly two distinct natural number divisors: 1 and itself. Required sum = (2 + 3 + 5 + 7 + 11) = 28. Note: 1 is not a prime number. <u>TEST OF REASONING</u>:

36.C 37.C 38.A 39.C 40.A

- 36. c) SH; First letter moves 6 steps forward. Second letter moves 6 steps backward.
- 37. c) Boxing : Ring; The game of cricket is played on a pitch similarly, the game of boxing is performed in a ring.
- 38. a) rash : skin; Jaundice is an indication of a liver problem; rash is an indication of a skin problem.
- 39. c) Line; Cube comprises Square on all of its surfaces. In the same way square comprises Line on all of its sides.
- 40. a) Mango; All except Mango have more than one seed.

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

29-12-2018

GENERAL KNOWLEDGE

EVERYDAY SCIENCE 1. The rate of cooling of a body is proportional to (a) Difference between initial to final temperature (b) final temperature (c) Mean excess of temperature (d) initial temperature 2. The rate of diffusion is large in (a) Gas (b) Solid (c) Liquid (d) Metal 3. Bonding present between the carbon atoms in graphite is (a) Metallic (b) Ionic (d) Vanderwaal's forces (c) Covalent The chemical name of 'Vinegar' which is used as preservative is 4 (a) Formic acid (b) Acrylic acid (c) Acetic acid (d) Maleic acid 5. Litmus paper's is prepared from (b) Fungi (a) Algae (c) Lichen (d) Bryophytes The chief pollinators of our agricultural and horticultural crops are 6. (b) Beetles (c) Butterflies (d) Honeybees (a) Moths 7. Which of the following element is absorbed by plants from soil directly? (a) Carbon (b) Nitrogen (c) Boron (d) Hydrogen 8. Birds migration optimizes the conditions for (b) Shelter (d) Breeding and Feeding (a) Nesting (c) Egg laying 9. The natural resource which is renewable and exhaustible is (b) Coal (c) Petroleum (a) Minerals (d) Forest 10. Calling female with sex attractant is peculiar in (b) Butterflies (c) Honey bees (d) Ants (a) Silk moth **GENERAL STUDIES** 11. What is the name of India's first nuclear reactor? A.Cirius B. Apsara C.Dhruva D. Kamini 12. Mahatma Gandhi had launched his first Satyagraha in India from which among the following places? A. Kheda B. Bardoli C. Champaran D. Sabarmat 13. In India the term Black Revolution is associated with: A. Self-dependence in the production of coal B. Nurturing the Black Soil C. Self-dependence in the production of petroleum crude oil D. Self-dependence in the production of black corps 14. Who was appointed as chief economist of International Monetary fund (IMF), on 1st October 2018? A. Ritu Das B. Manish Bansal C. Gita Gopinath D. PawanGoel 15. Who has been named the CEO of Reliance Health Insurance that has received approval from IRDAI(Insurance Regulatory and Development Authority of India) to begin operations from December 2018? C. Alexander Smith A. Manik Jain B. Ravi Viswanath D. Rahul Singh 16. Which state has become the first state in India to have 100% penetration of LPG in public sector Oil companies? B. Andhra Pradesh C. Tamil Nadu A. Maharashtra D. Kerala 17. Where will India's first railway station inside tunnel named Keylong station be set up? A. Nagaland B. Meghalaya C. Himachal Pradesh D. Arunachal Pradesh 18. Who among the following has written the book "Cricket My Style"? B. Anil Kumble A. Sunil Gavaskar C. KapilDev D. sachin 19. Which country will host the Women's Boxing World Championships 2018? B. India C. Belgium A. Japan D. Colombia 20. The journalist who refused to accept 'Padma Bhushan' was? A. Shekaran Nair B. Khushwant Singh C. RatanThiyam D. ArunShourie **CURRENT AFFAIRS** 21. Who was the young innovative biotechnologist in the year of 2018 selected by the Department of Biotechnology (DBT), Ministry of Science and Technology? b) Rajanish Giri a) Giri c) Rajasekaran Reddy d) All of the above 22. Which seed observe and deserve the this year 2018 in Food and Agriculture organization? a) Finger millets b) Paddy d) Cucumber c) Soya 23. Which medicine, recently health ministry has banned drugs? c) Phenacetin a) Paracetamol b) Practolol d) All of the above 24. Who is the twenty-fifth governor of the <u>Reserve Bank of India</u> from 12 December 2018? a) D. Subbarao b) Shaktikanta Das c) Raghuram Rajan d) Urjit Patel 25. What is the meaning of International Volunteers Day - 2018 (IVD) sharing the_ ? b) Peaces a) Natural disasters, economic stresses and political shocks c) To integrate volunteerism d) All of the above 26. Which company right now run by the biogas bus in 2018? a) Tata Motors b) Ashok Layland c) Volvo d) All are right 27. Eucalyptus tree used in _ industry a) Paper making b) Resins c) Wood d) Medicine preparation 28. 181 helpline used for b) Women c) Transgender d) For all a) Men 29. Which country allowed the floating atomic power plant in the sea? a) Russia b) America c) Japan d) Germany 30. Which country fully restricted the abortion of young foetus ? c) Ireland d) All of the above a) UK b) US



ANSWERS: GENERAL KNOWLEDGE (29-12-2018) 4

<u>EVERYDA</u>	Y SCIEN	<u>CE:</u>							
1.D	2.A	3.C	4.C	5.C	6.D	7.B	8.D	9.D	10.B
GENERAL	STUDIES	S :							
11.B 1	12.C 1	13.C	14.C	15.B	16.D	17.C	18.C	19.B	20.D
CURRENT	AFFAIRS	5:							
21. 2	2. 23	3.	24. 2	5. 26	. 27.	. 28.	29.	30.	
<u>QUANTIT</u>	ATIVE AP	UTIT	<u>DE :</u>						
31.B	32.A		33.B	34.1	В	35.D			
31. Ans:b	increase	ses oc	dd numbe	er 3, 5, 7,	, 9, 11, 1	.3			
2+3=	=5	5-	+5=10	10+7	=17	17+9=26	5 26+	11=37	37+13=50
32. Ans:	a) Suppo	se a	number i	s increas	ed by x%	6 and the	n again ir	ncreased	by y%.
Then	, net cha	nge =	=(x+y+(x	(y/100))%	%=(x+y+	+(xy/100))%		
Perce	entage er	ror in	calculate	ed area					
=(2+	2+(2×2/	(100))%=4.04	%=(2+2	$+(2 \times 2/1)$.00))%=4	.04%		
33. Ans:b) Suppos	se a r	number is	decreas	ed by x%	and the	n again d	ecreased	by y%
Then,	net chan	ige =	(-x-y+(xy/100))	%=(-x-	-y+(xy/10	00))%		
percei	ntage cha	ange	in area =	(-20-10))+(20×1	0/100))%	o=−28%=	=(-20-1	$0+(20\times10/100))\%=-28\%$
i.e., a	rea is de	creas	ed by 28	%.					
34. Ans:b)61 days	5 = 8	weeks 5	days = 5	odd day	'S			
Prese	ent day M	onda	y=0, Tue	sday=1 a	and so or	า			
Hence	e if today	is M	onday, A	fter 61 da	ays, it wi	ll be = (M	1onday +	5 odd da	ys)= Saturday
35. Ans:c	l)59 days	5 = 8	weeks 3	days = 3	odd day	'S			
Prese	ent day T	hursd	lay=0, Fr	iday=1 a	nd so on				
Henc	e if today	is Tl	hursday,	After 59	days, it v	will be = (Thursday	/ + 3 odd	days)= Sunday
TEST OF	REASONI	<u>NG :</u>							
36.C	37.B		38.C	39./	4	40.D			
	•								
தமழ வ	പൈകണ:								
41. [Ŧ	<u>4</u> 2. و	H	43. F	44	ட ஆ	45.	Ŧ	
46	ஆ	47.	Ĥ	48. F	49). (50.	୬	

GENERAL KNOWLEDGE

19-01-2019

5

EVERYDAY SCIENCE

		TDAT	SCIENCE		
1.	he chemial name of Uria is				
)	A) Carbamide (B) Chioroetane	c	(C) Aneurin	(D) None of these
2. t	A) Carbon disvide	nce or v	which gas in air		(D) Nitragon
) 2 -	A) Carbon dioxide (B) Hydrogen Sulphi	ue ro from	(C) Oxygen	ocuro ic	(D) Nitrogen
5.	(A) Designation (B) Efflorescence	ie nom	(C) Doliguoso		(D) Ocmosic
	The factost-rupping torrestrial animal is		(C) Deliquesce	ene	
4.	A) lion (B) man	(C) is	auar	(D) cha	otah
5 7	The fastest acting enzyme in the biological kir	adom i	juai		etan
J.	(B) linase	(C) ca	rhovvnentidase	· ((D) carbonic anhydrase
6 7	The Panda belongs to the same family as that	f of	iboxypeptiduse	- (
0.	(A) Cat (B) Bear	(C) Ra	hhit	(D) Doc	
7	Apparatus invented by Archimedes is		ibbit	(D) D0g	1
, , ,	(A) Pulley (B) Microscope		(C) Thermemo	oter	(D) Barometer
8. E	Biodegradable wastes can usually be converte	ed into i	useful substance	ces with	the help of
(A) Bacteria (B) Viruses	(C) Nu	clear proteins	(D) Radioactive substances
9. E	Bio-diesel is mostly produced by:			,	,
(A) Liliaceae (B) Malvaceae	(C) My	/rtaceae	(D) Eup	horbiaceae
10.	The working principle of a washing machine i	s			
	(A) reverse osmosis (B) diffusion		(C) centrifuga	tion	(D) dialysis
	GEN	ERAL S	TUDIES		
11.	Under which scheme does the Cabinet appro	ove to s	et up 4 AIIMS?		
	A. Pradhan Mantri Mudra Yojana	B. Prac	dhan MantriSwa	asthyaSı	uraksha Yojana
	C. Pradhan MantriVayaVandana Yojana	D. Prac	dhan MantriSur	akshaBi	ma Yojana
12.	IWF President Named as Chef de Mission for		?		
	A. Tokyo Olympics B.Athens Olympics	С.	Los Angeles Ol	ympics	D.London Olympics
13.	Who is the author of the book "We are Displ	aced"?	<u></u>		
4.4	A. Kamila Shamsie B.Malala Yousafzai		C.Mohsin Ham	nd 	D.Umera Ahmad
14.	Indian Railways has planned to replace conv	entiona	il coaches with	modern	LHB design coaches.
	What does LHB stand for?	Duch		dia Duas	h D Ladau Llaudlad Dauth
1 5	A. Leder Handle Busch B. Linke Hofmann	Busch	C.LINKED Han	ale Busc	n D. Leder Handled Berth
15.	International conference on Dears starts In_		 	г	Maninur
16	A. Pulle B. Jamsheupur	Chairm	C. Ayra	L	J. Manipur
10.	A Achwanil obani B V K Vaday	Chaim		г	D Papindor Singh
17	He first Indian to cross seven important seas	s hy swi	imming 2	L	5. Kannider Singh
17.	Δ Amrendra Singh B Yuri Gagar	in	C lunko Taibi	oi [) BulaChaudhury
18	Krishna Poonia is associated with?		C. Junko Talbo		5. Bulachaddhury
10.	A Football B Athletics	C Che		D Hock	Ϋ́ΑV
19.	The National Technology Day is celebrated o	n which	n of the followir	ng date?	
	A. May 10th B. May 9th	C. May	v 11th	D. Mav	12 th
20.	Which online facility has been launched by the	he Unio	n Government	to provi	de a direct solution to the
	problem of agriculture sector?				
	A. e-KrishiSamasya B. e-KrishiSamvad	C. e-K	rishiSamveda	D. e-ł	Krishi Solution
	CURF	RENT A	FFAIRS		
21.	Which city is the venue of the 1st National E	MRS Na	ational Sports N	1eet 201	.9?
_	a. Hyderabad b. New Delhi	c. Deh	iradun	d. Chen	nai
22.	Who has been named as the chief coach for	the Ind	ian women box	kers?	
	a. Gurbax Singh Sandhu b. Anoop Kun	nar	c. Mohammed	l Ali Qan	har d. Chhote Lal Yadav
23.	Who has won the Franco-German Human Rig	ghts Aw	/ard?	~	
~ 4	a. Maria da Penha b.Yu Wenshei	ng .	c. I hun	Saray	d.Wang Qiaoling
24.	D Gukesh, who has been crowned India's yo	ungest	Grandmaster (GM), IS 1	from which state?
25	a. Karnataka D. Tamii Nadu	c. And	nra Pradesn	(I. Kerala
25.	who has been appointed the new CEU of the	e Intern			(ICC)?
26	a. K P Sharma D. Manu Sawnney	d to sta	C. Monan Das		d. Vinod Rai
20.	which state government has recently decide		art biru nospita	IS? d Madh	wa Bradach
77	d. Kerdid D. Dellill The 10th edition of the India Dubber Evre (I			u. Maun	lyd Prauesii of the fellowing sition?
۷١.	a Mumbai b Kochi	RE-201 م د دلمانه	nas started		rabad
20	d. Mullibdi D. KUCIII Which organization / porconality has been d	C. SIIII	IIId or the Candhi D	u. пуце Dooco Dri	1 dDdu 7 o 20192
20.	a Fkal Abhiyan Trust b Akebaya Datra Fo	undatio	on the Gallull P	cake M	d Sulahh International
20	Who is the convenor of the newly constituted	d Grour	of Ministers (SOM) +0	look at issues related to
29.	lottery under GST?	a aroup		3011) LU	
	a. Sudhir Mungantiwar h Himanta Riswa	Sarma	c. Mauvin G	odinho	d. Krishna Byre Gowda
30	Saksham 2019 is an annual high intensity people	-centric	mega campaign	under th	e aegis of which ministry?
201	a. Ministry of Drinking Water and Sanitation		b. Ministr	v of Pet	roleum and Natural Gas
	c. Ministry of Finance		d. Ministr	v of Info	prmation and Broadcasting
				,	in a broadcabeling

QUANTITATIVE APTITUDE

Ratio and Proportion 31. Divide Rs.2324 among A,B,C in the ratio 70:56:40 b) 490:280:392 a) 980:784:560 c) 392:490:280 d) None 32. Divide Rs.672 In the ratio 5: 3 a) 255:255 b) 253 : 392 c) 420:252 d) None Problems on Trains 33. A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train? a) 150 metres b) 160 metres c) 170 metres d) None 34. A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is: b) 52 km/ hr c) 55 km/hr a) 50 km/hr d) None 35. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform? b) 240 metres c) 300 metres a) 120 metres d) None **TEST OF REASONING** 36. Find the alternative that will replace the question mark: Ally:Associate : : Obscene: ? b) filthy a) depressed c) hatred d) disgust 37. When Anuj saw Manish, he recalled, " He is the son of the father of my daughter". Who is Manish. a) Cousin b) brother-in-law d) uncle c) brother 38. Bala walked 25km towards west, took a left turn and walked 15km. He again took a left turn and walked 30km. He then took a right turn and stopped. Now which direction, he was facing? a) North b) South c) East d) West 39. In a certain code, the following sentences are coded as: Light is very sharp-8243 Right is very wrong-2817 Knife is sharp-548 Wrong and sharp- 476 How is wrong knife coded? a) 47 b) 45 c) 75 d) 85 40. Find the odd man out a) cathedral b) Mosque c) Temple d) Monastery தமிழ் பாரதசக்திகாவியம்' என்ற நூலின் ஆசிரியர் யார்? 41. அ. கவிமணி ஆ. சுத்தானந்தபாரதியார் இ. சுப்ரமணியபாரதியார் ஈ. பாரதிதாசன் 'பிச்சைக்காரன்' என்னும் கவிதையினை இயற்றியவர் யார்? 42 அ. கம்பதாசன் ஆ பாரதிதாசன் இ. வாணிதாசன் ஈ. புலவர்குழந்தை குழந்தைகளுக்காககதைப்பாடல்கள் எழுதிபாடப்புத்தகங்களில் சேர்த்தபெருமைக்குரியவர்? 43. அ.க.நமச்சிவாயம் ஆ.கொத்தமங்கலசுப்பு இ.பாரதியார் ஈ.கண்ணதாசன் 44. பாண்டியன் அறிவுடைநம்பிக்குஅறிவுரை கூறியபுலவர் யார்? அ.பிசிராந்தையார் இ.மோசிகீரனார் ஈ.கபிலர் ஆ.பொத்தியார் 45. மறைமலையடிகளின் இயற்பெயர் என்ன? ஆ.ஜி.யு.போப் அ.வீரமாமுனிவர் இ.பரிதிமாற்கலைஞர் ஈ.சுவாமிவேதாச்சலம் 46. அப்பூதியடிகள் வாழ்ந்த ஊர் எது? ച്ച.ക്വിതെ இ.திங்களுர் ஈ.காரைக்கால் ஆ.மதுரை 47. ஸ்ரீவைஷ்ணவத்தின் வளர்ப்புத்தாய் எனப்போற்றப்படுபவர் யார்? இ.வேதாந்ததேசிகர் அ.ஆண்டாள் ஆ.இராமானுஜர் ஈ.காரைக்கால்அம்மையார் 48. இந்தியமொழிகளில் முதன் முதலில் தமிழ் எழுத்துஅச்சிடும் முயற்சிஎந்தஆண்டுநடைபெற்றது? ஆ.கி.பி.1577 இ.கி.பி.1555 அ.கி.பி.1566 ஈ.கி.பி.1544 49. ஒரே இரவில் கண்விழித்து இயற்றப்பெற்றநாடகம் எது? அ.பிரகலாகள் ஈ.அபிமன்யு அ.சிறுகொண்டர் இ.பவளக்கொடி 50. 'சுகுணசுந்தரி'என்னும் நாவல் வெளிவந்தஆண்டுஎது? அ.1986 ₩.1866 ஆ.1887 **Q.1876**

ANSWERS: GENERAL KNOWLEDGE



(19-01-2019)

EVERYDAY SCIENCE:	1.A 2.B	3.C	4.D	5.D	6.B	7.A	8.A	9.D	10.C
GENERAL STUDIES:	11.B 12.A	13.B	14.B	15.C	16.B	17.D	18.D	19.C	20.B
CURRENT AFFAIRS:	21.A 22.C	23.B	24.B	25.B	26.B	27.A	28.C	29.A	30.B
QUANTITATIVE APTITUDE:	31.A 32.C	33.A	34.A	35.B					
TEST OF REASONING:	36.B 37.B	38.B	39.C	40.D					

EXPLANATION:

36.b) Associate is the synonym of Ally. By using the same logic, we conclude, filthy is the synonym for obscene.

37.b) Anuj's daughter's mother – Anuj's wife, Anuj's wife's father – Anuj's father in law Father in law's son – Anuj's brother in law, So, Manish is Anuj's brother in law



	•	
39. c) Given,	I) 'light is very sharp' 8243,	II) 'right is very wrong' 2817,
	III) `knife is sharp' 548 and	IV) 'wrong and sharp' 476.

	Common Word	Common Code
From I, II and III	is	8
From I, III and IV	sharp	4
From I, II	very	2
From II, IV	wrong	7

Thus, the remaining words and their corresponding codes are:

light --- 3, right --- 1, knife - 5, and - 6

40.d) All except Monastery are places of worship, while monastery is a place where monks stay.

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

GENERAL KNOWLEDGE

02-02-2019

6

EVERYDAY SCIENCE 1. Brass gets discoloured in air because of the presence of which of the following gases in air? b) Hydrogen sulphide d) Nitrogen a) Oxygen c) Carbon dioxide 2. Which of the following is a non metal that remains liquid at room temperature? c) Chlorine a) Phosphorous b) Bromine d) Helium 3. Which of the following is a large blood vessel that carries blood away from the heart? a) Vein b) Artery c) Capillary d) Nerve 4. The blue baby pollution disease is due to the excessive presence of which of the following in drinking water? b) Fluoride c) Chloride d) Nitrate a) Arsenic 5. Which one among the following is the hardest part of our body? a) Skull bones of head b) Enamel of teeth c) Thumb nails d) Spinal vertebra 6. Where is the Headquarter of ISRO? a) Chandipur b) Bengaluru c) Mahendragiri d) Chennai 7. Which of the following missile works on the theory of "fire and forget"? a) Brahmos b) Akash c) Nag d) Sourya 8. Which one of the following is commonly known as Vegetable meat? b) Fish c) Mean Maker d) Flesh of animals a) Mushroom 9. Eco mark is given to the Indian products that are b) Rich in proteins a) Economically viable c) Environmentally friendly d) Pure and unadulterated 10. Which one of the following is designated as the 'lungs of the world'? a) Equatorial evergreen forests b) Mid latitude mixed forests c) Taiga forests d) Mangrove forests **GENERAL STUDIES** 11. In which place the foundation for AIIMS hospital is laid in TamilNadu? (B) Kadaladi, Ramanadapuram (C) Both A and B (A)Thoppur, Madurai (D) Trichy 12. Who got Padmashri award on 26th Jan 2019 from TamilNadu? (A) Chinna Pillai (B) Cinnamon (C) China Thai (D) Chinna li 13. Who is the defence Minister of India? (A)Rajnath Singh (B) Arun Jetley (D)Rahul Gandhi (C) Nirmala Sitharaman 14. The shareholding of the Government Company has ------(A) 48% paid – up Share capital owned by Government (B) 51% paid – up Share capital owned by Government (C) 49% paid – up Share capital owned by Government (D) 75% paid – up Share capital owned by Government 15. Goodwill is a-----(A) Floating Asset (C) Fictitious Asset (D) Intangible Asset (B) Wasting Asset 16. Share application is a-----(A) Personal A/C (C) Nominal A/C (D) None of these (B) Real A/C17. Total number of states in India is------(D) 33 (A) 30 **(B)** 31 (C) 29 18. In which state the biggest statue is situated in India? (A) Gujarat (B) Tamilnadu (C) Kerala (D) Uttrapradesh 19. According to the Census in 2018(projected), which city in India has the largest population? (A) Uttar Pradesh (B) Maharashtra (C) Bihar (D) West Bengal 20. Who is the first Justice of Madras High court -----? (A) Ravi (B) Monokar (C) V.K.Tahilramani D) Saktikanta Das **CURRENT AFFAIRS** 21. Yuva Swabhiman Yojana to provide employment for the unemployed youth from the economically weaker sections of the society was introduced by _ state government a) Madhyapradesh b) Tamilnadu c) odisha d) Kerala 22. 'Pravasi Dividend Pension Scheme (a scheme for giving pension to NRI) was introduced by State Government a) Karnataka b) Tripura c) Kerala d) Tamilnadu 23. Prime Minister Narendra Modi has laid the foundation stone for the Mandal Dam Project on the North Koel River on a) 06-01-2019 b) 24-01-19 c) 27-01-2019 d) 05-01-2019 _ was celebrated as National Voters day 24. b) 25- January c) 15 March a) 26- January d) 26- January Narendra Modi, Prime minister of India laid foundation stone for AIIMS (All India 25. On Institute of Medical Sciences) hospital at Madurai a) 26/01/2019 b) 27/01/2019 c) 25/01/2019 d) 09/01/19

 26. Telangana to have separate high court from ______

 a) 05/01/2019
 b) 01/01/2019

 c) 10/01/2019
 d) 21/01/2019

27. 'I 1	Bharat Ratna Atal Bihari Vajpayee I launched by Governm	International Scho lent	ools' for students	for students in rural a	areas was
28. I	Bharath Ratna Award for 2019 was	announced for	perso	ns	
29. '	a) 4 b) 5 c) 9 "My Vote Matters" a quarterly maga	4 d) 14 zine was released	by		
a 30. I	a) Central Election Commission International Day of Education was	b) MHRD celebrated on	c) Presiding offic	cer d) District C	ollector
ä	a) 24 January b) 10 Janua	OUANTITATI	VE APTITUDE	1) 25 January	
31. T R	The price of 80 apples is equal to tha Rs. 1320. The total price of 25 apple Rs. 660 B Rs. 620	t of 120 oranges. s and 40 oranges i	The price of 60 is	apples and 75 orang	es together is
32. A ea	An organization decided to raise Rs. each of them had contributed 60 extremployees are there in that organizat	6 lakh by collecti a, the contribution ion?	ng equal contribu n would have bee	tion from each of its n Rs. 6.24 lakh. How	employees. If many
A	A. 400 B. 300	C. 200	D. 100	1 • , •	
33. A	A room has equal number of men and	d women. Eight w	vomen left the roo	om, leaving twice as i	many men as
A	A. 32 B. 34	C. 28	D. 30		
34. A	A man has Rs. 312 in the denomination	ons of one-rupee	notes, five-rupee	notes and twenty-rup	bee notes. The
n A	$\begin{array}{c} \text{number of notes of each denomination} \\ \text{A} \text{B} 24 \end{array}$	on is equal. what C_{28}	$1s$ the total number D_{32}	er of notes that he has	
35. If	f the number of boys in a class is 8 t tudents?	imes the number	of girls, which va	lue can never be the	total number of
A	A. 27 B. 45	C. 81	D. 42		
26 11	Which will assume thind in the disting	TEST OF R	EASONING		
36. W	Monorchy b) Monorchy	hary?	notomy) Monovad	
a, 37 If	f'+' means divided by $'-$ ' means	added to '*'me	ans subtracted fro	om and '/' means n	ultiplied by
tł	hen $26 - 15 + 5 \ge 4/2 = ?$			in, and 7 means n	numpried by,
a	a) 15 b) 20 c) 2	5 d) 21			
38. If	f 'DA' is related to 'IF', 'NK' will b b) SP b) PS c) F	be related to PR d) SR			
39. C	Choose the word which is different f	rom the rest			
a	a) Tomato b) Carrot	c) Ginger	d) Potate)	
40. N	Man: Lip : : Bird: ?				
a	a) Bush b) Grass	c) Forest	d) Beak		
		தமர	₽		
1. щұ	த்த காண்டத்தில் உள்ள படலங் அ) 23 ஆ) 39	ടണിன் எண்ணிக் (கை? இ) 16	砰) 14	()
2. திர அ	ராவிடச் சிசு எனப் போற்றப்படுபவ 1) அப்பர் ஆ) சுந்	பர் யார்? தரர் (இ) திருஞானசம்	பந்தர் ஈ) மாணிக	() க்கவாசகர்
3. பட் அ	ட்டர் பிரான் என அழைக்கப்பட்டவ 1) பொய்கையாழ்வார் ஆ) பூத	யர் யார்? த்தாழ்வார் (இ) தொண்டரடிப்	பொடியாழ்வார் ஈ)	() பெரியாழ்வார்
4. <u>ඉ</u>	_லா இலக்கியம் கூறும் பெண்கள் 1) 5	ின் வளர்ச்சிநினை (ல எத்தனை? இ) 7	••• •• ••• ••• ••• ••• •••••••••••••••	()
5.	ஸ் பொருளில் மனநோயை குண்ட ப) ஏலாதி ஆ) திரி	ப்படுத்தும் நூல் கடுகம் (எது? இ) சிறுபஞ்சமூல	ம் ஈ) நாலடி	() UNTT
6.	வபெருமானின் வலது கண்ணில் ()) திருவிளையாடல் புராணம் ஆ	தோன்றிய இலக்) பெரிய புராண	கியம் எது? ம் இ) கந்த ப	புராணம் ஈ)	()
7. தட அ	 மிழ்நாட்டின் பெர்னாட்'ா என அனு)) அறிஞர் அண்ணா ஆ) தந்	ழக்கப்படுபவர் ய தை பெரியார் (ார்? இ) புதுமைப்பித்த	தன் ஈ) வாணி	() தாசன்
8. ഖ ച	னப்புகள் மொத்தம் எத்தனை வஎ 1) 6	கைப்படும்? (() 4	丣) 8	()
	9.				
9. ඉர அ	ரறிவு உடைய உயிர்கள் எது?)) நந்து, முரள் — ஆ) சித	ல், எறும்பு (இ) நெல், புல்	ஈ) நண்டு,	() தும்பி



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

<u>TEST OF REASONING:</u> 36.C 37.D 38.A 39.A 40.D

36. Answer (c): The correct order is: Monarchy, Monastic, Monetary, Moneyed.

37. Answer (d) :

If we put with correct symbols, the equation 26 - 15 + 5 * 4/2 would be written as $26 + 15/5 - 4 \times 2^{\circ}$. = $26 + 3 - 4 \times 2 = 26 + 3 - 8 = 21$

38. Answer (a): $D \longrightarrow I$ +5 FSimilarly, +5 $N \longrightarrow S$ +5 $K \longrightarrow P$

39. Answer (a) : Except Tomato all the others are Root vegetables

40. Answer (d) : Lip is a human body part, while the beak is a bird body part.

தமிழ் விடைகள்:

41. ஆ	42. (9)	43. 呼	44. இ	45. அ
46. ஆ	47. அ	48. m	49. (50. அ

@@@@@@@@@

GENERAL KNOWLEDGE

23-02-2019

	EVER	YDAY SCIENCE	
1.	When a 40V battery is connected across an unkr	nown resistor there is a	current of 100 mA in the circuit.
	Find the value of the resistance of the resister:		
	a) 5000 Ω b) 800 Ω	c) 0.8 Ω	d) 400 Ω
2.	A fuse wire is inserted in		
	a) Live wire b) neutral wire	c) earth wire	d) any line
3.	The amount of light entering the human eye is co	ontrolled by	
	a) Ciliary muscles b) Pupil	c) Cornea	d) Iris
4.	When a magnesium ribbon is burnt in air, the as	h formed 1s	1. • 1
5	a) black b) white	c) yellow	a) pink
э.	boun CO_2 and Π_2 gases are a) beavier than air (b) colourless	c) acidic in natura	d) soluble in water
6	When carbon dioxide is passed through lime wat	er	u) soluble ili water
0.	a) calcium hydroxide is formed b) whi	te precipitate of CaO i	s formed
	c) lime water turns milky d) cold	our of lime water disan	pears
7.	Proteins after digestion are converted into	P	F
	a) Carbohydrates b) Small globules	c) Amino acid	s d) starch
8.	Main site of photosynthesis		
	a) Leaf b) Stem	c) Chloroplast	d) Guard cells
9.	Respiratory pigment in human body is		
	a) Chlorophyll b) Water	c) Blood	d) haemoglobin
10.	Which of the following computer language is us	sed for artificial intellig	gence?
	a) FORTRAN b) PROLOG	c) C	d) COBOL
11	GENE Mahatama Gandhi had launahad his first Satyas	RAL STUDIES	ich among the following places?
11.	a) Kheda b) Bardoli	c) Champaran	d) Sabarmati
12	Which among the following Indian classical day	nce form was develope	ed by Siddhendra Yogi from
12.	Bhamakalapam dance drama ?		
	a) Kuchipudi b) Odissi	c) Yakshagana	d) Kathkali
13.	Which of the following European countries is k	nown as the 'Land of a	a thousand lakes' ?
	a) Norway b) Sweden	c) Finland	d) Estonia Hide Answer
14.	Which among the following bodies estimates th	e national income of I	ndia?
	a) Office of the Economic Advisor	b) Ministry of Statisti	ics
	c) Central Statistical Office	d) Ministry of Finance	2
15.	Who is the Ex Officio Chairman of the Rajya S	abha?	
16	a) The President b) The Vice President	c) The Prime I	Minister d) None of the above
10.	EV10 as non Confidentian of Indian Industry	(CII)'s arreat titled (Ci	in estimated to be% in
	r r r r r r r r r r	\sim 7.7 %	$\frac{1}{2019}$
17	has been appounded as the 33rd district of	C) 7.7 % Tamil Nadu after bifu	reating Villupuram district on
17.	January 8, 2019?		reading vinaparam district, on
	a) Marakkanam b) Kallakurichi	c) Ulundurpet	d) Vikravandi
18.	Who appoints the Judges of the Supreme Court	of India ?	,
	a) The Prime Minister b) The President	c) The Chief Justice	of India d) The Ombudsman
19.	What is the rank of India among the world's mo	ost innovative countries	s according to the
	Bloomberg 2019 Innovative Index?		
• •	a) 46 b) 75	c) 54	d) 98
20.	What is the nature of the Indian Constitution ?		
	a) Federal b) Unitary c) Parli	amentary d) Fede	eral in nature but unitary in spirit
21	An Eco Circuit-Pathanamthitta-Gavi-Vagamon	ENI AFFAIKS Thekkady was recentl	y inaugurated in which of the
21.	following southern states of India?	Theready was recent	y maugurated in which of the
	a)Karnataka b) Andrapradesh	c) Tamilnadu	d)kerala
22.	Who among the following hockey players has b	een awarded Internatio	onal Hockey Federation's male player
	of the year for 2018?		5 1 5
	a)Akash Chikte b)Suraj Karkera	c)Arthur Van	Doren d)Vincent Vanasch
23.	Who among the following female hockey playe	rs has been awarded Ir	nternational Hockey Federation's
	player of the year for 2018?		
	a) Rani Rampal b) Savita Punia	c)Sunita Lakr	a d)Eva de Goede
24.	Who among the following Indian female badmi	nton players has won t	he 83 ¹¹ Senior Badminton National
	Championship?		
	a)Saina Nehwal b)PV Sindhu	c) Tanvi Lad	d) N Sikkin Reddy

25.	Who among the following Indian male badminton pl Championship?	layers has won the 83 rd	Senior Badminton National
26	a)Lakshya Sen b)Sourabh Verma	c)Vimal Kumar	d)Sohan Mandila
26.	which regional cricket team of India has won the Ira	ani Tropny 2019?	arnataka
27.	National Aids Research Institute (NARI) which is so	on going to change its	name is located in which of the
	following city?		
	a)Pune b)Mumbai c)De	elhi d)Ch	nandigarh
28.	Which of the following Indians appointed as Contro	ller, Assistant Secretary	y- General in the Department of
	Management Strategy, Policy and Compliance at the	e United Nations?	nothon d)Shashikanta Dag
29	Who is the present Secretary-General of United Nati	c)Chandranioun Kania	nathan d)Shashikanta Das
<i></i> /.	a)Amina J.Mohammed b)Marie Chatardova	c)Maria Fernanda E	spinosa d)Antonio Guterres
30.	After the recent attack on CRPF in Kashmir, India at	nnounced the withdraw	al of status of Pakistan
	on Feb 15.		
	a)Allies Nation b)Most Favoured Nation c)O	ffice of Fair Trading	d) Most Favoured Trade Partner
31	The salaries of A B and C are in the ratio 5:3:2 If the	e increments of 20% 1	0% and 20% are allowed in their
51.	salaries, then what will be the new ratio of their salar	ries?	o /o and 20 /o are anowed in their
	A)22:11:9 B)22:10:8 C)20	D:11:8 D)2	0:10:9
32.	Find out the third proportion of the term 12 and 24		
22	A)38 B)44 C)4	-8 D)42	2
33.	x:y = 7/4 then $(4x+7y): (7/x+4y)$	4.45 D)12	2.10
34	A)05.50 D)50.05 C)54 $x^2 - 30x + 104 - 0$	+:43 D)13	5.18
J - .	$\mathbf{x}^2 - 53\mathbf{y} + 702 = 0$		
	$A. X > Y \qquad B. X < Y \qquad C. X$	$X \ge Y$ D. X	$X \leq Y$
35.	$x^2 + 30x + 221 = 0$		
	$y^2 - 53y + 196 = 0$		
	$A. X > Y \qquad B. X < Y \qquad C. X$	$X \ge Y$ D. Y	$X \le Y$
36.	Find out the missing number 2, 9, 28, 65,	EASONING	
201	(a) 120 (b) 123 (c) 126	(d) 129	
37.	Four out of five pairs of numbers have the same rela	tionship. Find the odd-	man out?
	(a)4:63 (b) 1:0 (c) 5:	124 (d) 2	:15
38.	If TEMPLE is coded as VHQNIA, how would you c	code CHURCH?	
20	(a) EKYWI (b) EKYQZD (c) F	EKYPZD (d) E a "Drigon" is related to	EKYQWD
39.	(a) Warden (b) Monitor (c) N	Manager (d) I	ailor
40.	From a point, Rajesh started walking East and walke	d 35 metres. He then tu	rned towards his right
	and walked 20 metres and he again turned right and v	walked 35 metres. Fina	lly, he turned his left and
	walked 20 metres and reached his destination. Now,	how far is he from his s	starting point?
	(a) 50 metres (b) 55 metres (c) 20) metres (d) 40	0 metres
	து	QUQ	
41.	கில்லாடிஎன்னும் சொல் எந்தமொழிக்குஉரியத	<u>ы</u> ?	
	அ.தமிழ் ஆ.ஆங்கிலம்	இ.குஜராத்தி •	ஈ.மராத்தி
42.	குடவோலைத் தேரதல் முறையயைக் கூறும	நூல் எது?	
40	அ.குறுநலதாகை ஆ.கலதலதாகை	இ.அகநானூறு பாச்ச	௬ஂ ௐௐௐௐ௶௶
43.	ക്രിവിശ്രമ്പക് കില്ലാവൽ അതിക്കാലുക്കലംലെന്നുലാത്ത് പെട്ടിവാണ് പെന്നുകണ്	யார <i>்</i> இடுந்திரன்	சலானன்
44.	குலசேகாஅம்வார் பிறுக்க ஊர் எகு?	യ.യാവിവ	H.02(1)0001001
	அ.திருவாஞ்சைகளம் ஆ.திருவாரூர்	இ.திருப்பரங்குன்ற	<u>3</u> ம் ஈ.திருவில்லிப்புத்தூர்
45.	்கொடிமுல்லை'என்றுகவிதை நூலின் ஆசிரிய	urț?	
	அ.வாணிதாசன் ஆ.கண்ணதாசன்	இ.பாரதிதாசன்	ஈ.பெரியார்தாசன்
46.	'குறட்டைஒலி'என்றசிறுகதையின் ஆசிரியர் ப	பார்?	
	அ.மு.வ. ஆ.ந.பா இ.ச	ி.பா.ஆ ஈ.கு	.ப.ரா
47.	குதிரைப்படையின் மற மாண்பினைப் பற்றிக்	கூறுவது?	
	அ.யானைமறம் ஆ.குதிரைமறம் இ	.முன்தேர்க்குரவை • •	ஈ.பின்தேர்குவை
48.	அம்மாவந்தாள் என்னும் நாவலின் ஆசிரியர்		
40	அ.கு.பா.ராஜகோபாலன ஆ.வ.சுப.மாணிக்க	ம இ.தி.ஜானகிரா	மன ஈ.கி.ராஜநாராயணன்
49.	அரசசந்தரபுராணஆசரியர் யார் <i>:</i> வவான்மீகி வகம்பர் இு	ண்ணகாசன்	ஈ வீரகவிராபர்
50.	ஆகிச்சநல்லாரில் கண்டெடுக்கப்பட்டமாகமாக்க	ள் காழியின் சிாப்ப	யாது?
	அ.கி.மு.800தமிழ் எழுத்துக்கள்	ஆ.கி.பி.800 தமிய	ழ் எழுத்துக்கள்
	இ.கி.பி.900 தமிழ் எழுத்துக்கள்	ஈ.கி.மு.900 தமி	ழ் எழுத்துக்கள்



(23-02-2019)

EVERYDAY <u>SCIENCE:</u> <u>GENERAL STUDIES:</u> <u>CURRENT AFFAIRS:</u> <u>QUANTITATIVE APTITUDE</u> : 31. Answer – C) 20:11:8 Explanation : 5:3:2 = 500:300:200 $500 \times (20/100) = 100 =>$ $300 \times (10/100) = 30 => 3$ $200 \times (20/100) = 40 => 2$ 600:330:240 = 20:11:8	$1.D \\ 11.C \\ 21.D \\ 31.C \\ 500+100 = 3 \\ 00+33 = 3 \\ 200+40 = 2 \\ 300+30 = 3 \\ 30$	2.A 12.A 22.C 32.C = 600 330 240	3.B 13.C 23.D 33.B	4.B 14.C 24.A 34.D	5.B 15.B 25.B 35.B	6.C 16.B 26.A	7.C 17.B 27.A	8.C 18.B 28.C	9.D 19.C 29.D	10.B 20.D 30.B
32. C) 48 Explanation: 12:24 :: 24 : ? ? = (24*24)/12 = 48 33 B)56:65										
Explanation : $(4(7)+7(4))$ 34. D. $X \le Y$ Explanation: $x^2 - 30x + 104 = 0$ x = 26, 4 $y^2 - 53y + 702 = 0$ y = 26, 27 35. B. $X < Y$ Explanation: (x + 13) (x + 17) = 0 x = -13, -17 $y^2 - 53y + 196 = 0$ y = 49, 4) : (7(7)+4	.(4)) = 5	56:65							
TEST OF REASONING: 36. $2 = 1^{3}+1$; $9 = 2^{3}+1$; $28 = 37$. 4:63 = 4:4 ³ -1; 1:0 (Second number is one less that 38. T (+1) \rightarrow V; E(+2) \rightarrow H; Like this: C(+1) \rightarrow E; H(+2) \rightarrow K; Answer: c) EKYPZD 39. Muesum In-charge is Curator 40. The starting point x. North starting point x. North starting point x. 35 Answer: d 40 m 20 m 35 r	36.C 3 ³ +1; 65 = 1:1 ³ -1; n the cube M(+3) U(+3) or. Prison 1 m	37.D = 4 ³ +1 ; e of the)→Q; →Y; In-char	38.C ; 126 = 5:124 first ni P(-1)- R(-1) ge is Ja 40 n	39.I = 5 ³ +1 k = 5:5 umber) →N; →P; ailor.	D 40.D Answe 3-1; Answ L(-2)- C(-2)- Answer:	r: c) 12 2:15 ver: d) →I; →Z; d) Jail	26 ≠ 2:2 ³ - 2:15 E(-3)- H(-3)-	1 →A →D		

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

GENERAL KNOWLEDGE

09-03-2019

8

EVERYDAY SCIENCE

					,	
1.	a) Luminous objects b) Non-	t are called ·luminous objects	c) Transparent objects	s d) Opaque objec	(cts)
1.	Name the instrument used to measu a) Audiometer b) Amm	ure the altitude in ain Neter	rcrafts. c) Altimeter	d) Anemometer	()
2.	Depth of ocean is measured by a) Galvanometer b) Flux	meter	c) Endoscope	d) Fathometer	()
3.	The method to detect the prehistori	c age using radioacti	vity is	d) Deuterium d	(atina)
4.	Identify the carbohydrate among th	e following.	c) Turponting	d) Hydrogon por	(covide)
5.	Mention the chemical name of bakir	ig soda.			()
6.	a) Sodium bicarbonate b) Sodiu Pollination means	im carbonate	c) Sodium nitrate	d) Sodium nitrit	e ()
	a) Germination of pollen grains c) Growth of pollen tube in ovule		b) Visiting of insects tod) Transfer of pollens	o flowers from anther to sti	gma	
7.	Transpiration is least in a) Good soil moisture b) High	wind velocity c) I	High atmospheric humi	dity d) Dry enviro	(nmer) nt
8.	Main use of salt in diet is to a) Produce small amount of hydroc	hloric acid required f	or digestion b) Ease	e the process of co	(oking) g
9.	c) Increase the taste Fresh Yeast cells are good source of	d)]	Increase solubility of fo	od particles in wat	er ()
	a) Caffeine b) Vitam	nin-B GENERAL STUD	c) Nicotine IES	d) Morphine	·	,
10.	Appointment of a Company Secreta	rv is made bv-			()
11	a) Promoters b) Board Double Entry System was introduce	d of Directors	c) Debenture holders	d) Government	()
10	a) America b) Japar	and lesses Incomes	c) India	d) Italy	()
12.	a) Personal A/c b) Real	A/c	c) Nominal A/c	d) Intangible as	(set)
13.	Which of the following schemes hav National Health Protection Mission (e been subsumed in AB-NHPM)?	the recently approved	Ayushman Bharat	- ()
	a) Rashtriya Swasthya Bima Yojana c) National Life Insurance Scheme	a (RSBY) b) S d) 1	enior Citizen Health Ins & 2	surance Scheme (S	SCHIS	5)
14.	Which among the following is the ol- a) Punjab National Bank b) Impe	dest Public Sector Ba rial Bank of India	ank of India? c) Allahabad Bank	d) Central bank of	(「India) a
15.	What is the share of Government of a) 50% b) 51%	India in NABARD?	c) 75%	d) 99%	()
16.	When were the first general election a) 1920 b) 1952	ns held?	c) 1962	d) 1999	()
17.	First Governor general of India a) Lord Amhorst b) Lord V	William Bentinck	c) Sir Charles Metcalfe	d) Robert Clive	()
18.	In which year, the Danish East India	a company was form	ed?	, d) 1617	()
19.	Which among following first generat	tion of computers ha	d? b) Integrated Circuits	() 101/	()
	c) Magnetic Tape and Transistors		d) All of above			
20	When wee World Lleaving Day Of				,	`
20.	a) 1 st March b) 2 nd M	larch	c) 3 rd March	d) 4 th March	()
21.	Which scheme has been launched ba) SITARb) STAR	y Union HRD ministr E	y to fund science projec c) STARK c	cts? 1) STARS	()
22.	ISRO launches a Young Scientist Pro a) Ecotech c) Nordita Scientific Program	ogramme named	for school ch b) Stuff You Should Kn d) YuvaVIgyaniKaryaki	ildren. Iow ram	()
23.	Who launched the National Common transport charges, including metro s a) Narendra Modi b) Arun	n Mobility Card (NCM services and toll tax, Jaitley	IC) to enable people to across the country?c) Ram NathKovind	pay multiple kinds 1) Rajnath Singh	s of ()
24.	Which bank receives Best Bank Awa a) Canara Bank b) India	rd from the state go n Bank	vernment of Tamil Nad c) Axis Bank c	u? I) HDFC Bank	()
25.	Which country tops in the Confidence a) India b) South	ce Board Global Cons h Korea	sumer Confidence Surve c) Indonesia	ey? d) Philippines	()
26	National Safety Council of India cele	brates National Safe	ety Day on every 4th M	arch. Its theme is	()
20.	a) Manage stress at Workplace and Cor c) Cultivate and Sustain a safety culture	ntrol Hazards b e for building nation	b) Build a Safety Culture for d) Work Together to ensu	or Sustainable Suppl re safe and healthy w	、 y Cha workp) ain lace

27. 28.	Who has been choosen for the 2019 Missile System a) A. S. Kiran Kumar b) Kailasavadivoo Sivar Prime Minister Narendra Modi inaugurated, Expo-cu	ns Award? n c) V. K. Saraswat um Conference on Constructio	(d) Satheesh Redd n Technology India) y 2019
29.	in which city? a) Mumbai b) New Delhi World Wildlife Day is observed on 3rd March. The the a) It's time to get serious about wildlife crime c) Listen to the young voices	c) Kolkata heme for World Wildlife Day 2 b) Life below water: fo d) Big cats - predators	(d) Hyderabad 019 is; (r people and planet under threat)
~ ~	QUANTITATIVE	APTITUDE	_, ,	
30.	A right triangle with sides 3 cm, 4 cm and 5 cm is r	rotated the side of 3 cm to for	m a cone. The volur	ne of
	a) 12 cm^3 b) 15 cm^3	c) 16 cm ³	d) 20 cm ³)
31.	Find odd man out 2, 5, 10, 17, 26, 37, 50, 64	-,	()
	a) 50 b) 26	c) 37	d) 64	-
32.	Find odd man out331, 482, 551, 263, 383, 362a) 263b) 383	, 284 c) 331	(d) 551)
33.	1, 4, 9, 16, 25, 36, 49, ()		()
74	a) 54 b) 56	c) 64	d) 81	``
34.	a) 10 b) 20	c) 30	(d) 55)
	TEST OF R	EASONING	u) 55	
35.	Look at this series: 201, 202, 204, 207	What number should come	e next? ()
	a) 205 b) 208	c) 210	d) 211	
36.	Choose the figure which is different from the rest. ($\langle / / = $)	
	a) 1 b) 5 c) 3 d) 4			
37.	Gobi started from his house towards North. After and covered a distance of 6 km. What is the short a) 10 KM b) 16 KM	covering a distance of & နာ။. test distance now from his Ho c) 6 KM	hgjturned towards buse? (d) 2 KM	left)
38.	Entrepreneur : profit : : Scholar : ? a) Income b) Knowledge	c) Service	d) Business)
30	Find the odd one out	,	, ()
57.	a) Tempest b) Hurricane	c) Cyclone	d) Monsoon)
		் ் தமிழ்		
4.0	ையமாயணப் போர் நடைபெற்ற காலக்கின் எண்ன	ബിക്തെക? • ∽	()
τυ.	அ) 18 வருடங்கள் ஆ) 18 மாதங்கள்	இ) 18 நாட்கள் ஈ)	18 நாழிகைகள்)
4.1	பதினென் கீம்கணக்கு நால்களில் பாக்கிணை எ	ക്കഞ്ഞ?	~ s)
41.	· · · · · · · · · · · · · · · · · · ·	<u>勇</u> うのの。 風) 11 (F)	6)
11	பர் பியாப்பல் கடைபேயும்வன்னல்கள் பற்றி கூறும்	b rro gru?	-)
42.	a) கிருமருகாற்றுப்பட்டில் கல் பேழுவள்ளல்கள் பந்ந கூறும் வ) கிருமருகாற்றுப்படை வ) மகுவைக்காஞ்சி	இ) பொருநார்கள்பட இ) பொருநார்கள்படை ஈ)	சியாணாம்யப்)
4.2				_
43.	ഖ) ഖ്യാന് പ്രത്തായം കണ്ട്രവും പ്രത്താം പ്രത്താം പ്രത്താം പ്രത്താം പ്രത്താം പ്രത്താം പ്രത്താം പ്രത്താം പ്രത്താം പ	ல் பயிர்ப்ப க))
				`
44.	ഖ) പ്രെപ്ദി ചെയ്യായ കണ്ടവും പ	இ) குறிஞ்சி ந	்)
				<u>`</u>
43.	ചു തിന്നും പ്രവാന്യാല് പ്രവാനം പ	ഖ) തിതിത്വം പണിത്വം കിന്ദ	വര്ഷം ബറ)
	യ) യബിബാ, ബബായ, മലയാ, ഉന്നയായ യ) യബിബാ, പ്രബാ, പബിബാ, കീന്ദബാ	ஈ) கடமை, கிரமை, இனியை	ന. പബിബന	
1.(2, 0.0	`
40.	വിന്യാള് ബ്രാഗ് ബ്ലാം ബ്രാഹ്സ്ത്രീക്കരുക ബ്രാസ്സ്	ര) പരുന്നതാനു തി	் கார் நால்பது)
			്ന്ന്ന്വാല്ല്വ	、 、
47.	പിന്ത്രിക്ഷേണ് ഖൽക്ഷണൽ ഞെങ്ങിക്കെ വിച്ചു?		()
			10	
48.	ல் பாருத்துக வடைப்பெயர்	1 2 2 4	1)
	அரமும்றன், மஹ்ஸ்ஸ்ட் - ட் குஸ்ட்பயப் வ) காடு மலை - 2 காலப்பெயர்	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	()
	இ) பூ, கிங்கள் - 3. பொருட்பெயர்	4 3 2 1	()
	ஈ) திங்கள், வாரம் - 4. சினைப்பெயர்	2 4 1 3	` ()
49.	மேற்கணக்கு நால்கள் என்று அமைக்கப்படுபவை	எகு!?	()
	அ) நீதி இலக்கியம்	ஆ) பக்தி இலக்கியம்	(,
	இ) எட்டுத்தொகை, பத்துப்பாட்டு	ஈ) இக்கால இலக்கியம்		

QQQQQ

ANSWERS: GENERAL KNOWLEDGE

(09-03-2019)

EVERYDAY SCIENCE :-

1. A	2. C	3. D	4. C	5. B
6. A	7. D	8. C	9. A	10. B

GENERAL STUDIES :-

11. B	12. D	13. C	14. D	15. C
16. D	17. B	18. B	19. C	20. A

CURRENT AFFAIRS :-

21. C	22. D	23. D	24. A	25. B
26. A	27. C	28. D	29. B	30. B

EXPLANATION:

21. Answer: Option C World Hearing Day is observed on 3rd March every year by Office of Prevention of Blindness and Deafness of the WHO (World Health Organization). The Theme for this year's World hearing day is "Check your Hearing". This year, WHO launched an app, Hear WHO that will allow people to check their hearing.

22. Answer: Option D: On the occasion of National Science Day (NSD-2019), the Union Human Resource Development (HRD) Minister, Prakash Javadekar launched Rs 250 crore scheme 'STARS' to fund 500 science projects. The selection of these projects would be done on the basis of competitions. The project will be coordinated by the Indian Institute of Science (IISc), Bangalore. Interested candidates will have to submit applications to take part in the competition. The applications will release on the first week of April 2019. The acronym of STARS stands for "Scheme for Translational and Advanced Research". Beside this, the HRD Ministry in collaboration with the National Skill Ministry and Labour and employment Ministry collaboratively launched SHREYAS - Scheme for Higher Education Youth for Apprenticeship and Skills to empower non-technical courses.

23. Answer: Option D: Indian Space Research Organisation has launched 'YuvaVlgyaniKaryakram', a 'Young Scientist Programme' for the School Children to be studying in the 9th standard. 'Catch them young' residential training programme will be of around two weeks duration during summer holidays with a proposal to select 3 students from each State and Union Territory, covering CBSE, ICSE and State syllabus.

24. Answer: Option A : PM NarendraModi launched the indigenously-developed National Common Mobility Card (NCMC) to enable people to pay multiple kinds of transport charges, including metro services and toll tax, across the country. Dubbed as 'One Nation One Card', the inter-operable transport card would allow the holders to pay for their bus travel, toll taxes, parking charges, retail shopping and even withdraw money.

25. Answer: Option B: Indian Bank, a Public Sector Bank (PSB), headquartered at Chennai, Tamil Nadu has been awarded the Best Bank Award by the Tamil Nadu government for successfully meeting the needs of women's self-help groups (SHGs). The award was given to MK Bhattacharya, the executive director of Indian Bank by the Chief Minister of Tamil Nadu K Palaniswami at Salem, Tamil Nadu.

26. Answer: Option A: India ranked first in the Confidence Board Global Consumer Confidence Survey which was conducted in collaboration with a global performance management company Nielsen Holdings. India maintained its 1st position from 3rd quarter and in the 4th quarter of 2018 India's Consumer Confidence Index (CCI) score is 133. South Korea has the most pessimistic consumer who are worried about rising inflation, lower wage growth, unemployment, a weak stock market and global trade uncertainties in the world. CCI Confidence Board measured optimism towards job prospects, health of personal finances and spending intentions in the next 12 months for the survey. The Global Consumer Confidence Index became highest in 14 years by increasing one point to 107 in 4th quarter of 2018. The increase in confidence is a positive sign for economic and business growth in 2019.

27. Answer: Option C : In India, National Safety Day(NSC) is observed on 4th March every year by National Safety Council of India. This day is celebrated to make every people safe from issues like Financial Loss, Health problems and environmental problems.NSC was set up on 4th March 1966 by Ministry of Labour, GOI. The day was initiated in 1972 as a commemoration to the Foundation Day of the National Safety Council (NSC). Theme - "Cultivate and Sustain a safety culture for building nation".

28. Answer: Option D: Satheesh Reddy, the Secretary of India's Department of Defence R&D and Chairman of the Defence Research and Development Organisation (DRDO) has been chosen by the American Institute of Aeronautics and Astronautics (AIAA) as the co-winner of the 2019 Missile Systems Award. The other co-winner is Rondell J. Wilson who is a former Principal Engineering Fellow of Raytheon Missile Systems. Satheesh Reddy is the first person to be honoured with this award outside the USA in 40 years.

29. Answer: Option B: Prime Minister Narendra Modi inaugurated the two day Expo-cum Conference on Construction Technology India 2019 (CTI-2019) in New Delhi. It will identify proven, innovative and globally established technologies such as researchers, startups, developers, academia, etc. For use which will be in the Indian context. The event will provide a space for interaction among stakeholders that can open up new areas for collaboration and will facilitate. The conversion of ideas into market-ready products which is ready to be launched in the market place. The main beneficiary of the initiative is youth. Technologies which are proven during CTI-2019 will further invited to design and build lighthouse projects. The project of one thousand housing unit in 6 state that are Gujarat, Jharkhand, Madhya Pradesh, Tamil Nadu, Tripura and Uttar Pradesh.

30. Answer: Option B: World Wildlife Day is observed on 3rd March every year to spread awareness about wildlife. This date was designated as the World Wildlife Day on 20 December 2013 at the 68th session of the United Nations General Assembly (UNGA). On this day, the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) was signed. The theme for World Wildlife Day 2019 is 'Life below water: for people and planet', which corresponds to goal 14 of the Sustainable Development Goals (SDGs) which is 'Life below water's.

QUANTITATIVE APTITUDE :-

EXPLANATION:

31. Ans: A Explanation: Clearly, we have r = 3 cm and h = 4 cm.



- **32.** Ans: D Explanation: (1*1)+1 , (2*2)+1 , (3*3)+1 , (4*4)+1 , (5*5)+1 , (6*6)+1 , (7*7)+1 , (8*8)+1 But, 64 are out of pattern.
- 33. Ans: B Explanation: In each number except 383, the product of first and third digits is the middle one.
- **34.** Ans: C Explanation: Numbers are 1^2 , 2^2 , 3^2 , 4^2 , 5^2 , 6^2 , 7^2 . So, the next number is $8^2 = 64$.

35. Answer: Option B First, we will start by writing the numbers in the standard form. Thus, the numbers will be written as:

160 = 2³ x 2² x 5 220 = 2² x 5 x 11 340 = 2² x 5 x 17

So, the numbers common in the above sequence are 2^2 and 5. Thus, the HCF of the given numbers will be $2^2 \times 5 = 20$.

TEST OF REASONING :-

36. D	37. C	38. A	39. B	40. D

EXPLANATION:

36. Answer: D Explanation: In this addition series, 1 is added to the first number; 2 is added to the second number; 3 is added to the third number; 4 is added to the fourth number; and go on

37. Answer : C Explanation: In all other figures, the two line segments are parallel to each other.

38. Answer : A Explanation:

Required distance = AC = $\sqrt{8^2 + 6^2}$ = $\sqrt{64 + 36}$ = $\sqrt{100}$ = 10 km.

39. Answer :B

40. Answer: Option D

TAMIL :-

41. ஆ	42. அ	43. F	44. ஆ	45. இ
46. ஆ	47. இ	48. இ	49. ஆ	50. இ

QQQQQ