

EVERYDAY SCIENCE

- Total number of orbitals associated with third shell will be -----
a) 2 b) 4 c) 9 d) 3
- The most dense substance on the Earth is -----
a) Platinum b) Copper c) Steel d) Osmium
- Which of the following is also called Blue planet or Green planet?
a) Mars b) Earth c) Venus d) Saturn
- Good conductor of electricity is
a) Kerosene b) paper c) dry air d) graphite
- Name the system that controls every activity that you do?
a) Nervous System b) Exocrine System c) Endocrine System d) Respiratory System
- Which of the following is the product of digestion of proteins?
a) Carbon dioxide b) Alcohol c) Amino Acids d) Lactic Acid
- Which of the following is a fastest growing tree?
a) Teak b) Sal c) Banyan d) Eucalyptus
- From the bark of which plant is quinine extracted?
a) Cedar b) Neem c) Cinchona d) Eucalyptus
- Which out of the following helps in quickly help you rename a file or folder?
a) F2 b) F4 c) F8 d) F9
- Which of these is not a programming language?
a) BASIC b) COBOL c) BNF d) FORTRAN

GENERAL STUDIES

11. With reference to plastic packaging, what does EPR stand for?
(A) Extended Producer Responsibility (B) Environment Protection Responsibility
(C) Ecological Protection Role (D) Epoxy Poly Rehydroxy-sulphate
12. Which is the venue of 'DefExpo 2022' Defence Exhibition?
(A) Goa (B) Chennai (C) Gandhi Nagar (D) Varanasi
13. What is the objective of World Bank's REWARD Program?
(A) Promotion of School Education (B) Watershed management
(C) Solid waste Management (D) Infrastructure Development
14. India imported a record 100,000 tonnes of Soy Oil from which country?
(A) UAE (B) USA (C) Malaysia (D) Australia
15. The objectives of JandhanYojana is
(A) Financial inclusion (B) Reducing regional disparities
(C) Social exclusion (D) Population control
16. Chennai becomes the _____ Indian city with Metro Railway
(A) first (B) fifth (C) sixth (D) second
17. Right to clean water is a fundamental right, under the Indian Constitution
(A) Article 12 (B) Article 21 (C) Article 31 (D) Article 41
18. When was Swachh Bharat Abhiyan was announced by the Prime Minister?
(A) 15 August 2018 (B) 2 October 2015 (C) 2 October 2018 (D) 15 August 2014
19. You organize files by storing them in
(A) Archives (B) Indexes (C) Lists (D) Folders
20. How many medals have been won by the India Men's Hockey team at Asian Games till date?
(A) 11 (B) 9 (C) 15 (D) 3

CURRENT AFFAIRS

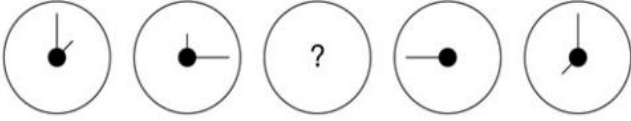
21. Which state has framed a 'Draft policy for senior citizens' recognising Demographic transition?
[A] Kerala [B] Tamil Nadu [C] Odisha [D] Telangana
22. Which State/UT has approved Ex-gratia relief of Rs 20,000 per acre to farmers?
[A] West Bengal [B] Punjab [C] Delhi [D] Uttar Pradesh
23. French Polynesia is an overseas collectivity of France, located in which continent?
[A] Oceania [B] Asia [C] South America [D] Africa [D] Australia
24. India adopted the 'Digital Work Plan 2022' along with which bloc?
[A] SAARC [B] G-20 [C] European Commission [D] ASEAN
25. What is the name of the Tropical Storm which made landfall on three southern African countries?
[A] Rina [B] Ana [C] Boss [D] Sue
26. As of 2022, which country is the top Steel Producer in the world?
[A] Australia [B] India [C] China [D] USA
27. Indian Women's Hockey Team won which position in the Asia Cup 2022?
[A] First [B] Second [C] Third [D] Fourth
28. Which country launched the Hwasong-12 mid-range ballistic missile?
[A] China [B] Japan [C] North Korea [D] South Korea
29. Geological Survey of India (GSI) has approved to set up India's first Geo-Park in which state?
[A] Madhya Pradesh [B] Maharashtra [C] Goa [D] Telangana
30. Which institution released the 'Death Penalty in India' Report?
[A] National Crime Records Bureau [B] National Law University [C] NITI Aayog [D] Supreme Court

QUANTITATIVE APTITUDE

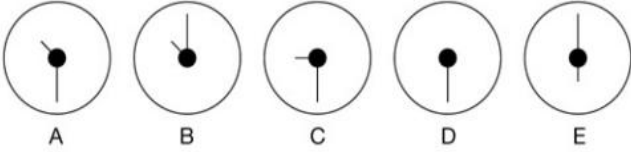
31. A father is twice as old as his son. 20 years ago, the age of the father was 12 times the age of the son. The present age of the father (in years) is
 (a) 44 years (b) 22 years (c) 32 years (d) 45 years
32. The average score of a cricketer in two matches is 27 and in three other matches is 32. Then, find the average score in all the five matches.
 (a) 25 (b) 20 (c) 30 (d) 35
33. How many times the hands of a clock coincide in a day?
 (a) 24 (b) 22 (c) 23 (d) 21
34. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?
 (a) Rs. 21,000 (b) Rs. 22,500 (c) Rs. 25,300 (d) Rs. 25,800
35. In how many different ways can the letters of the word 'CLOUD' be arranged?
 (a) 24 (b) 240 (c) 120 (d) 60

TEST OF REASONING

36. Which among the following is synonym for the word ERSTWHILE:
 a) fallacious b) former c) deviant d) candid
37. My sister Suzee says that in two years she will be twice as old as she was four years ago. How old is my sister Suzee now?
 a) 6 b) 10 c) 14 d) 16
38. Pic the odd man out
 MS Dhoni b) Suresh Raina c) Ravindra Jadeja d) Rutraj Gaikwad
39. What should come next in the series:
 A3E, 6H10, K13O, 16R20, _____ .
 a) U22X b) U23Y c) V23Y d) V22X
- 40.



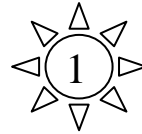
Which is the missing circle?



தமிழ்

41. 'இலக்கணதாத்தா' என்று அழைக்கப்பெறுவர் யார்?
 அ.தொல்காப்பியர் ஆ.மே.வி.வேணுகோபால் இ.பவணந்தியார் ஈ.நச்சினார்க்கினியர்
42. 'கீமாயணம்' என்று அழைக்கப்பெறும் நூல் எது?
 அ.இராவணகாவியம் ஆ.மகாபாரதம் இ.இராமகாதை ஈ.வில்லிபாரதம்
43. தொல்காப்பியத்தை முதன்முதலில் பதிப்பித்தவர் யார்?
 அ.உ.வே.சா ஆ.கணேசய்யர் இ.மழவைமகாலிங்கையர் ஈ.இராகவையங்கார்
44. 'சமுதாயப்பாட்டு' என அழைக்கப்பெறும் நூல் எது?
 அ.சிறுபாணாற்றுப்படை ஆ.பொருணராற்றுப்படை இ.புலவராற்றுப்படை ஈ.பெரும்பாணாற்றுப்படை
45. 'அலர்ப்புலவர்' என்று அழைக்கப்பெறுபவர் யார்?
 அ.உலோச்சனார் ஆ.கபிலர் இ.நப்பூதனார் ஈ.அம்முவனார்
46. 'தமிழன்' என்ற சொல் முதன் முதலில் எந்த நூலில் எடுத்தாளப்பெற்றது?
 அ.மணிமேகலை ஆ.சிலப்பதிகாரம் இ.திருக்குறள் ஈ.அப்பர்தேவாரம்
47. தமிழ் இலக்கியவரலாற்றை முதன் முதலில் தமிழில் எழுதியவர் யார்?
 அ.மு.வரதராசன் ஆ. கா.சு.பிள்ளை இ.வையாபுரிப்பிள்ளை ஈ.தேவநேயப்பாவாணர்
48. 'இப்படைதோற்கின் எப்படைவெல்லும்' யார் கூற்று?
 அ.மனோன்மனியம் ஆ.விபீடணன் இ.இலக்குவன் ஈ.அர்ச்சுனன்
49. உலகதாய் மொழிதினம் -----
 அ.டிசு 21 ஆ.ஜன 21 இ.பிப் 21 ஈ.மார்ச் 21
50. 'பைந்தமிழ் ஆசான்' என அழைக்கப்பெறுபவர் யார்?
 அ.கு.பா.ரா ஆ.கா.நமச்சிவாயம் இ.ம.பொ.சி ஈ.மு.வ

ANSWERS: GENERAL KNOWLEDGE



(26-02-2022)

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

21. The Government of Tamil Nadu has framed a draft policy for senior citizens, acknowledging the State's demographic transition. The policy also proposes to create a Directorate for the Welfare of Senior Citizens. The draft document is based on Article 41 of the Constitution, which requires the State 'to secure the right to work, education and to public assistance in cases of unemployment, old age, sickness and disablement'.

22. The Delhi cabinet approved ex-gratia relief of Rs 20,000 per acre to farmers whose lands were damaged by rains last year. In September-October 2021, several acres of farmland were damaged due to heavy rain and water-logging in fields. If the damage is found to be 70% or less, the compensation will be 70% of the amount. If the assessed loss is more than 70%, Rs 20,000 per acre will be paid.

23. It comprises 118 geographically dispersed islands and atolls stretching over more than 2,000 kilometres (1,200 mi) in the South Pacific Ocean. The total land area of French Polynesia is 4,167 square kilometres (1,609 sq mi).

24. India-ASEAN Digital Work Plan 2022 was approved in the 2nd ASEAN Digital Ministers meeting held in the virtual mode. The Work Plan focuses on tackling the use of stolen and counterfeit mobile handsets and WiFi Access network interface, for the public interest. It also includes knowledge sharing in emerging areas ICT such as Internet of Things, 5G, Advanced Satellite Communication and Cyber Forensics.

25. Following the landfall of Tropical Cyclone Batsirai on 5 February, Tropical Storm Dumako hit the north-east coast of Madagascar on Tuesday, 15 February, directly affecting at least 5,100 people. An estimated 270,900 people need assistance in the aftermath of Tropical Cyclone Batsirai, according to the findings of an inter-agency rapid needs assessment carried out by the Government and humanitarian partners.

26. According to World Steel Association, India's crude steel production rose by 18 per cent to 118 million tonne (MT) in 2021. India is the second largest steel producing nation, as it manufactured 100.3 MT steel in 2020 and China produced 1 064.7 MT of steel in the same year. China recorded a 3 per cent decline to 1 032.8 MT in 2021.

27. India defeated China, 2-0 to win **the bronze medal** at the **2022 Women's Hockey Asia Cup tournament**. The 2022 Women's Hockey Asia Cup was the 10th edition of the quadrennial Women's Hockey Asia Cup. The tournament was held from January 21 to 28, 2022 at the Sultan Qaboos Sports Complex in **Muscat, Oman**. **Japan defeated South Korea** 4-2 in the final to win their third title at the Women's Hockey Asia Cup tournament.

28. **North Korea** successfully tested its **Hwasong-12** intermediate-range ballistic missile from the **Jagang Province area**. This was the first nuclear-capable missile testing undertaken by the country since 2017. The Hwasong-12 has an estimated range of **4,500 km (2,800 miles)**. North Korea's series of missile test-fires, including intermediate-range ballistic missiles, pose a direct and serious threat to us and a grave challenge to international peace and stability.

29. The **first geological park of India** will be built in **Lamheta, Jabalpur in Madhya Pradesh**. Approval for the park was given by the Geological Survey of India, under the ministry of mining. Park will be constructed with an investment of **Rs 35 crores**, over five-acre land. The geological park will be built in Lamheta, because this place is among significant places in the world, from the geological point of view.

30. Death Penalty in India Report was released by the criminal law reforms advocacy group at the National Law University, Delhi- named Project 39A. As per the report, the number of prisoners on death row at the end of 2021 stood at 488, the highest in 17 years. This is an increase of nearly 21% from 2020. This is also the highest the death row population has been since 2004 (563).

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

31. Answer (a): Let sons age = X. Then, fathers age = 2x.

$12(x-20) = (2x - 20)$ so $x = 22$ Fathers present age = 44 years.

32. Answer(c): The average score in all the five matches
 $= (27 \times 2) + (32 \times 3) / 3 + 2 = (54 + 96) / 5 = 150 / 5 = 30$

33. B

The hands of a clock coincide only once between 11 O' clock and 1 O' clock, so in every 12 hours, the hands of a clock will coincide for 11 times.

\therefore In a day or 24 hours, the hands of a clock will coincide for 22 (11+11) times.

34. Answer (c) : $85 : 18700 = 115 : x$

$x = 18700 \times 115 = 25300$. Hence, S.P. = **Rs. 25,300**

35. Answer (c): The number of arrangement = $5! = 120$

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

36. b) erstwhile means previous which is also known as FORMER.

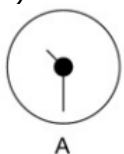
37. b) Current age of Suzee is 10. Keeping current age as x, as per question, $[x+2 = 2(x-4)]$.

38. b) Among the four, Suresh Rainais the player excluded in TATA IPL 2022

39. b) U23Y . The numbers correspond to alphabets in the order ACE, FHJ, KMO, PRT, UWY.

A-1, C-3, E-5, F-6, H-8, J-10 and so on in the series.

40. a) minute hand moves 90° degrees clock-wise and hour hand moves 45° anti-clockwise.



தமிழ்

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

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EVERYDAY SCIENCE

1. The planet which has the shortest period of revolution
(a) Venus (b) Pluto (c) Mercury (d) Earth
2. The earth's movement in its orbit is from
(a) West to East (b) East to West (c) North to South (d) South to North
3. Plants which are attached to the stones and rocks are
(a) Lithophytes (b) Halophytes (c) Aerophytes (d) Psammophytes
4. Which of the following is the most important constituent of soil?
(a) Sand (b) Silt (c) Clay (d) Earthworm
5. Among the following pH values which solution contains a weak acid
(a) 1.72 (b) 2.0 (c) 3.7 (d) 6.27
6. BCG vaccine is used to cure
(a) Pneumonia (b) Tuberculosis (c) Polio (d) Amoebiasis
7. The heart of birds consists of how many chambers?
(a) 3 (b) 5 (c) 2 (d) 4
8. Which of the following is a chain growth polymer?
(a) Starch (b) Nucleic acid (c) Polystyrene (d) Protein
9. System program such as compilers are designed so that they are
(a) Re-enterable (b) Non-reusable (c) Serially unusable (d) Recursive
10. Syntax and semantics are related with
(a) FORTRAN (b) COBOL (c) High level language (d) Assembly language

GENERAL STUDIES

11. Who started Home Rule Movement in India?
a) Annie Besant b) Sathiyamoorthi c) EV Ramasamy d) K Kamaraj
12. Tamil Books were Printed firstly by whom?
a) Rev. Ziegenbalg b) Rev. Schwartz c) Rev. Grundler d) Robert De Nobili
13. When was the "Industrial Finance Corporation of India" established in India?
a) January 1, 1950 b) July 1, 1948 c) June 5, 1951 d) May 1, 1950
14. Which is the biggest Nationalised enterprise?
a) Bharat Sanchar Nigam Limited b) Indian Post Department
c) Indian Railway d) Oil and Natural Gas Commission
15. World's first Block chain Bond was launched by
a) Reserve Bank of India b) World Bank c) Hong Kong Bank d) State Bank of India
16. Galena is the ore of which of the following metals?
a) Silver b) Lead c) Gold d) Iron
17. The Acid Rain destroys the vegetation, because it contains
a) Nitrates b) Ozone c) Carbon Monoxide d) Sulphuric acid
18. Name the place where the River Ganga and Yamuna Joins?
a) Allahabad b) Hyderabad c) Delhi d) Agra
19. Name the dam constructed across the River Sutlej
a) Hirakud dam b) Bakra Nangal dam c) Kosi dam d) Mettur dam
20. Annamalai University was started in the Year
a) 1915 b) 1929 c) 1921 d) 1945

CURRENT AFFAIRS

21. Who was the author of the famous storybook 'Alice's Adventures in Wonderland'?
A. Rudyard Kipling B. John Keats C. Lewis Carroll D. H G Wells
22. Who wrote the famous 1855 poem 'The Charge of the Light Brigade'?
A. Lord Alfred Tennyson B. Christopher Marlowe C. Johannes Gutenberg D. René Descartes
23. Who wrote 'Where ignorance is bliss, it is folly to be wise'?
A. Browning B. Marx C. Shakespeare D. Kipling
24. Name the book which opens with the line 'All children, except one grew up'?
A. The Railway Children B. Winnie the Poo C. Jungle book D. Peter Pan
25. Which is the first Harry Potter book?
A. HP and the Goblet of Fire B. HP and the Philosopher's Stone
C. HP and the Chamber of Secrets D. HP and the God of small Things
26. In which century were Geoffrey Chaucer's Canterbury Tales written?
A. 13th – 14th B. 14th – 15th C. 15th -16th D. 16th – 17th
27. What was the nationality of Robert Louis Stevenson, writer of 'Treasure Island'?
A. Scottish B. Welsh C. Irish D. French

28. 'Jane Eyre' was written by which Bronte sister?
 A. Anne B. Charlotte C. Emily D. Peter Pan
29. What is the book 'Lord of the Flies' about?
 A. A round trip around the USA B. A swarm of killer flies
 C. Schoolboys on the desert island D. None of the above
30. In the book „the Lord of the Rings „, who or what is Bilbo?
 A. Dwarf B. Wizard C. Hobbit D. Troll

QUANTITATIVE APTITUDE

31. A person's present age is two-fifth of the age of his mother. After 8 years, he will be one half of the age of his mother. How old is the mother at present?
 A)42 B)40 C)45 D)48
32. In an examination, a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 60 questions and secures 130 marks, the no of questions he attempts correctly is :
 A) 35 B) 38 C) 40 D) 42
33. To fill a tank, 25 buckets of water is required. How many buckets of water will be required to fill the same tank if the capacity of bucket is reduced to two-fifth of its present ?
 A) 52.5 B) 62.5 C) 72.5 D) 82.5
34. If Rs. 782 be divided into three parts, proportional to $1/2:2/3: 3/4$, then the first part is?
 A) Rs. 182 B) Rs. 190 C) Rs. 192 D) Rs. 204
35. 21 goats eat as much as 15 cows. How many goats eat as much as 35 cows?
 A) 41 B) 49 C) 36 D)32

TEST OF REASONING

36. Choose the word which is least like other words in the group.
 A. Zebra B. Lion C. Tiger D. Horse
37. $14 : 9 :: 26 : ?$
 A. 12 B. 13 C. 31 D. 15
38. Arrange the words given below in a meaningful sequence.
 1. Presentation 2.Recommendation 3. Arrival 4.Discussion 5. Introduction
 A. 5, 3, 4, 1, 2 B. 3, 5, 4, 2, 1 C. 3, 5, 1, 4, 2 D. 5, 3, 1, 2,
39. The evening is to morning as dinner is to?
 A. breakfast B. soup C. coffee D. time
40. Cube is related to Square in the same way as Square is related to
 A. Line B. Triangle C. Point D. Plane



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

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

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

21. Explanation: Alice's Adventures in Wonderland is an 1865 novel written by English author Charles Lutwidge Dodgson over the pseudonym Lewis Carroll. Hence, C is the correct option.

22. Explanation: The Charge of the Light Brigade was a charge of British light cavalry led by Lord Cardigan against Russian forces during the Battle of Balaclava on 25 October 1854 in the Crimean War. The events were the subject of Alfred, Lord Tennyson's narrative poem "The Charge of the Light Brigade" (1854), published just six weeks after the event. Hence, A is the

23. Explanation: The 'Where ignorance is bliss, it is folly to be wise' was written by Shakespeare. Hence, C is the correct option.

24. Explanation: Peter Pan is the book with the nation's favourite opening line is 'All children, except one grew up'. Hence, D is the correct option.

25. Explanation: Harry Potter is a series of fantasy novels written by British author J. K. Rowling. The novels chronicle the life of a young wizard, Harry Potter, and his friends Hermione Granger and Ron Weasley, all of whom are students at Hogwarts School of Witchcraft and Wizardry. HP and the Philosopher's Stone was the first Harry Potter book. Hence, B is the correct option.

26. Explanation: Geoffrey Chaucer wrote The Canterbury Tales, a collection of stories in a frame story, between 1387 and 1400. It is the story of a group of thirty people who travel as pilgrims to Canterbury (England). Hence, A is the correct option.

27. Explanation: Treasure Island is an adventure novel by Scottish author Robert Louis Stevenson, narrating a tale of "buccaneers and buried gold". Its influence is enormous on popular perceptions of pirates. Hence, A is the correct option.

28. Explanation: Jane Eyre is a novel by English writer Charlotte Bronte. It was published on 16 October 1847, by Smith, Elder & Co. of London, England, under the pen name "Currer Bell".

29. Explanation: Lord of the Flies is a 1954 novel by Nobel Prize-winning British author William Golding. In Lord of the Flies, the author is conveying the message that human beings must have rules, authority and government in order to maintain a safe environment. Left to their own, with freedom from discipline, rules, and governmental regulations, Jack and his tribal warriors return to animal instincts. Hence, C is the correct option.

30. Explanation: Bilbo Baggins is the title character and protagonist of J. R. R. Tolkien's 1937 novel „The Hobbit“, as well as a supporting character in The Lord of the Rings. Hence, C is the correct option.

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

31. B A person age=A, Mother age=B, Given $A=(2/5)B$, After 8 years $A+8=(1/2)(B+8)$
 $2A+16=B+8$ $2(2/5 B)+16=B+8$ $4/5 B=B+8-16$ $4/5 B-B=-8$ $-B/5=-8$ $B=40$

32. B Let the number of correct answers be X.

Number of incorrect answers = $(60 - X)$. $4x - (60 - x) = 130 \Rightarrow 5x = 190 \Rightarrow x = 38$

33. B Let the capacity of 1 bucket = x. Then, capacity of tank = 25x.

New capacity of bucket = $(2/5)x$ Required no of buckets = $25x/(2x/5) = 62.5$

34. D Given ratio = $1/2:2/3:3/4 = 6:8:9$ 1st part = Rs. $(782 \times 6/23) = \text{Rs. } 204$

35. B 15 cows \equiv 21 goats 1 cow \equiv $(21/15)$ goats 35 cows \equiv $(21 \times 35)/15$ goats
 $\equiv (21 \times 7)/3$ goats $\equiv 7 \times 7$ goats $\equiv 49$ goats

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

36. D Here, all except Horse, are wild animals, while Horse can be domesticated.

37. D $14 = (2 \times 9 - 4)$ $26 = (2 \times 15 - 4)$ $? = 15$

38. C 39. A

40. A Cube comprises Square on all of its surfaces. In the same way square comprises Line on all of its sides.

3

21. Vishnu Vaman Shirwadkar, who was seen in the news, was associated with which field?
a) Sports b) Politics c) Literature d) Music
22. Hemananda Biswal was the first tribal chief minister of which state?
a) Haryana b) Jharkhand c) Madhya Pradesh d) Odisha

23. Which country launched a rocket to place record 22 satellites in space?
a) UAE b) USA c) China d) Russia
24. Which state/UT hosted India's First Ice Wall Climbing Competition?
a) Himachal Pradesh b) Ladakh c) Uttarakhand d) Sikkim
25. India unveiled a logo to commemorate 75 years of diplomatic relations with which European country?
a) Belgium b) Germany c) France d) Italy
26. Which state / UT has inaugurated school Health Clinics?
a) Odisha b) Gujarat c) New Delhi d) Rajasthan
27. 'National Level Awareness Programme – Sambhav' is an initiative of which Union Ministry?
a) Ministry of Education b) Ministry of MSME
c) Ministry of Skill Development and Entrepreneurship d) Ministry of Labour and Employment
28. SLINEX is a bilateral maritime exercise between India and which country?
a) Oman b) Singapore c) Sri Lanka d) Japan
29. "Ungalil Oruvan" (One Among You) is the autobiography of the Chief Minister of which state?
a) Kerala b) Tamil Nadu c) Odisha d) Telangana
30. The PM recently inaugurated the metro projects of which city?
a) Mysuru b) Pune c) Chennai d) Delhi

QUANTITATIVE APTITUDE

31. A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?
a) 3.6 b) 7.2 c) 8.4 d) 10
32. From a group of 7 men and 6 women, five persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?
a) 564 b) 645 c) 735 d) 756
33. Two numbers are respectively 20% and 50% more than a third number. The ratio of the two numbers is:
a) 2 : 5 b) 3 : 5 c) 4 : 5 d) 6 : 7
34. A card is drawn from a pack of 52 cards. The probability of getting a queen of club or a king of heart is:
a) 1/13 b) 2/13 c) 1/26 d) 1/52
35. A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is:
a) 8.5 km/hr b) 9 km/hr c) 10 km/hr d) 12.5 km/hr

TEST OF REASONING

36. Which word does NOT belong with the others?
a) wing b) fin c) beak d) rudder
37. Paw : Cat :: Hoof : ?
a) Lamb b) Horse c) Elephant d) Tiger
38. Nicholas said, "This girl is the wife of the grandson of my mother." Who is Nicholas to this girl?
a) Father b) Grandfather c) Husband d) Father-in-Law
39. DNN, FPP, HRR, _____, LVV
a) GRR b) GSS c) JTT d) ITT
40. Find the next number in the sequence: 16, 30, 54, 88, 132.....
a) 186 b) 188 c) 190 d) 206

தமிழ்

41. இயற்கைவாழ்வில்லம் என்று அழைக்கப்படும் நூல் எது?
அ) திருக்குறள் ஆ) நாலடியார் இ) கம்பராமயணம் ஈ) திருவாசகம்
42. இயற்கைத் தவம் என்று அழைக்கப்படும் நூல் எது?
அ) பெரியபுராணம் ஆ) சீவகசிந்தாமணி இ) சிலப்பதிகாரம் ஈ) புறநானூறு
43. இயற்கைபரிணாமம் என்று அழைக்கப்படும் நூல் எது?
அ) மணிமேகலை ஆ) ஏலாதி இ) கம்பராமயணம் ஈ) குண்டலகேசி
44. இயற்கைத் தவம் என்று அழைக்கப்படும் நூல் எது?
அ) கலித்தொகை ஆ) குறிஞ்சிப்பாட்டு இ) புறநானூறு ஈ) பெரியபுராணம்
45. குட்டிதிருக்குறள் என்று அழைக்கப்படும் நூல் எது?
அ) ஏலாதி ஆ) இன்னிலை இ) பழமொழி ஈ) நாலடியார்
46. குட்டிதிருவாசகம் என்று அழைக்கப்படும் நூல் எது?
அ) பதிற்றுப்பத்து ஆ) திருக்கருவைபதிற்றுப்பத்தந்தாதி இ) பத்துப்பாட்டு ஈ) முதுமொழிக்காஞ்சி
47. குட்டிதொல்காப்பியம் என்று அழைக்கப்படும் நூல் எது?
அ) நேமிநாதம் ஆ) யாப்பருங்கலக்காரிகை இ) இலக்கணவிளக்கம் ஈ) அகநானூறு
48. பாரதிதாசன் பரம்பரையில் மூத்தவர் என்று அழைக்கப்பட்டவர்?
அ) கண்ணதாசன் ஆ) வாணிதாசன் இ) தேவநேயப்பாவாணர் ஈ) முடியரசன்
49. தமிழில் சிவந்தவன், செம்மையானவன் எனப் பொருள் தரும் சொல்
அ) சிவன் ஆ) திருமால் இ) முருகன் ஈ) பிரம்மன்
50. நெய்தல் நிலத்தின் தெய்வமாக சங்ககாலத்தில் கருதப் பெற்றவர் யார்?
அ) முருகன் ஆ) வருணன் இ) திருமால் ஈ) இந்திரன்





ANSWERS

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

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

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

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

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

36. Answer: C. Beak. Rest are parts of an aero plane

37. Answer: B. Horse. Cat's feet are called paws and horse's are called hoofs.

38. Answer: C. (Mother's Grandson- Son. Son's Wife- Daughter-in-law)

39. Answer: C Explanation: The 1st letters are in alphabetical order, with a letter skipped in between each segment: D, F, H, J, L. The 2nd & 3rd letters are repeated; these letters are also in order with a skipped letter as was in the previous case: N, P, R, T, V.

40. Answer: A Explanation: Logic is: difference is 14, 24, 34, 44, 54....

Next term should be $132 + 54 = 186$

தமிழ்:

41) அ) திருக்குறள்

42) ஆ) சீவகசிந்தாமணி

43) இ) கம்பராமாயணம்

44) ஈ) பெரியபுராணம்

45) அ) ஏலாதி

46) ஆ) திருக்கருவைபதிற்றுப்பத்தந்தாதி

47) இ) இலக்கணவிளக்கம்

48) ஈ) முடியரசன்

49) அ) சிவன்

50) ஆ) வருணன்



EVERYDAY SCIENCE

1. Which one of the following waves are used by the common TV remote control?
A. Radio waves B. Lasers C. Infrared waves D. Ultrasonic waves
2. Which gas is safe and an effective extinguisher for all confined fires?
A. Nitrogen dioxide B. Carbon dioxide C. Sulphur dioxide D. Nitrous Oxide
3. Which one of the following bacteria present in the soil produces a peculiar smell if it rains on perched soil?
A. Streptomyces B. Staphylococcus C. Diplomyces D. Micrococcus
4. Honey is sweeter than cane sugar or corn syrup. Which one of the following carbon sugars is responsible for this?
A. Dextrose B. Levulose C. Sucrose D. Fructose
5. The lifespan of White Blood Cells is _____ day(s).
(A) 1 (B) 2 (C) 3 (D) 4
6. Who is credited with the development of polio vaccine ?
(A) Linus Pauling (B) Jonas Salk (C) Melvin Calvin (D) Selman Waksman
7. Biosensor is used to measure?
(A) Blood glucose level (B) The body pH value (C) Amount of hemoglobin (D) Salinity in Urine
8. Meteorology is the study of?
(A) seasons (B) atmosphere (C) air and sounds (D) winds and clouds
9. Deciduous forests have
(a) Variety of grasses (b) Broad-leaved trees (c) narrow-leaved trees (d) Variety of crocodiles
10. Primary root is:
(a) Positively geotropic (b) Positive hydrotropic (c) Negative geotropic (d) Negative hydrotropic

GENERAL STUDIES

11. What is Phototropism?
a) Movement of Plants Towards Chemical b) Movement of Plants Towards Light
c) Movement of Plants Towards Soil d) Response of Plants for Day Length
12. Who converted Mahendra Varma I from Jainism to Saivism?
a) Sambandar b) Sundarar c) Appar d) Perundevan
13. The Portuguese Sailor who reached Calicut in 1498 A.D. was?
a) Vasco da Gama b) De Almeida c) Robert Clive d) Albuquerque
14. When was the "Industrial Finance Corporation of India" established in India?
a) January 1, 1950 b) July 1, 1948 c) June 5, 1951 d) May 1, 1950
15. What happens in the reduction process?
a) Loss of Electrons b) Gain of Electrons c) Loss of Hydrogen d) Gain of Oxygen
16. Where was the first nuclear reactor of Asia established?
a) China b) Japan c) Taiwan d) India
17. Which congress conference was attended by Bharathiyar?
a) Surat Conference b) Madras Conference c) Bombay Conference d) Lucknow Conference
18. The concept of Goods and Serviced Tax (GST) was originated from.
a) Canada b) USA c) Germany d) India
19. What is the name of the initiative launched by India to bring back Indians stranded in Ukraine?
a) Operation Kiev b) Operation Ganga c) Operation Moscow d) Operation Bharat
20. Which word does NOT belong with the others?
a) Wing b) Fin c) Beak d) Rudder

CURRENT AFFAIRS

21. Pandrethan Temple, which was seen in the news recently, is located in which Indian state/UT?
a. West Bengal b. Jammu and Kashmir c. Himachal Pradesh d. Gujarat
22. Who has been appointed as the Chairman of the National Financial Reporting Authority (NFRA)?
a. Ajay Bhushan Pandey b. Nandan Nilekani c. Azim Premji d. Kris Gopalakrishnan
23. As of March 2022, what is India's place in the Global List in terms of market capitalisation?
a. Third b. Fifth c. Sixth d. Seventh
24. Central government has announced to vaccinate children from 12 to how many years of age from March 16?
a. 14 years b. 15 years c. 17 years d. 18 years
25. Which of the following state government has recently presented the children's budget for children?
a. Government of Kerala b. Govt of Maharashtra c. Govt. of Gujarat d. Govt of Madhya Pradesh

26. Which Union Ministry implements the “Strengthening of Pharmaceutical Industry (SPI)” scheme?
 a. Ministry of Health and Family Welfare b. Ministry of Chemicals and Fertilizers
 c. Ministry of Home Affairs d. Ministry of Heavy Industries
27. NITI Aayog released the “North Eastern Region District SDG Index”, with support from which institution?
 a. UNDP b. UNICEF c. World Bank d. WTO
28. ‘Museum of Freedom’ and ‘Odessa Fine Arts Museum’ are the famous sites of which country?
 a. China b. Ukraine c. Afghanistan d. Russia
29. Rashtriya Indian Military College (RIMC), seen in the news recently, is located in which Indian state?
 a. Kerala b. Uttarakhand c. Himachal Pradesh d. Maharashtra
30. ‘White Goods’ seen sometimes in the news, are associated with which products
 a. Dairy Products b. ACs and LED Lights c. Textile Products d. Paper Products

QUANTITATIVE APTITUDE

31. If the average of three consecutive even numbers is 34, find the largest of these numbers.
 a) 30 b) 32 c) 34 d) 36
32. A shopkeeper sold an article for Rs. 2500. If the cost price of the article is 2000, find the profit percent.
 a) 23% b) 25% c) 27% d) 29%
33. A pipe can fill a tank in 6 hours and another pipe can empty the tank in 12 hours. If both the pipes are opened at the same time, the tank can be filled in
 a) 10 hours b) 12 hours c) 14 hours d) 16 hours
34. What is the compound interest on Rs. 2500 for 2 years at rate of interest 4% per annum?
 a) Rs. 180 b) Rs. 204 c) Rs. 210 d) Rs. 220
35. In what time Rs. 6000 will give interest of Rs. 720 at the rate of 6% p.a. S.I.?
 a) 1.5 years b) 2 years c) 2.5 years d) 3 years

TEST OF REASONING

36. Look at this series: 80, 10, 70, 15, 60, ... What number should come next?
 A. 20 B. 25 C. 30 D. 50
37. Which word is the odd man out?
 A. hate B. fondness C. liking D. attachment
38. Melt : Liquid :: Freeze :
 A. Ice B. Solid C. Condense D. Push
39. CMM, EOO, GQQ, _____, KUU
 A. GRR B. GSS C. ISS D. ITT
40. Reptile is to lizard as flower is to
 A. petal B. stem C. daisy D. alligator

தமிழ்

41. செம்மொழி ஆய்வு மையம் சென்னையில் தொடங்கப்பட்ட ஆண்டு எது?
 அ)2004 ஆ)2008 இ)2007 ஈ)1988
42. சாவி என்பது எந்த மொழிச்சொல்?
 அ)போர்த்துகீசியம் ஆ)பாரசீகம் இ)அரேபிய மொழி ஈ)வடமொழி
43. கீழ்க்கண்டவற்றுள் ஐந்திலக்கண நூல் அல்லாதது எது?
 அ)வீரசோழியம் ஆ)இலக்கண விளக்கம் இ)முத்துவீரியம் ஈ)சந்திர லோகம்
44. வச்சணந்தி மாலை என அழைக்கப்படும் நூல் எது?
 அ)வெண்பாப் பாட்டியல் ஆ)பன்னிரு பாட்டியல் இ)நவநீதப் பாட்டியல் ஈ)பிரபந்த மரபியல்
45. தொல்காப்பியம் யாருடைய முன்னிலையில் அரங்கேற்றப்பட்டது?
 அ)பனம்பாரனார் ஆ)பாண்டியன் நெடுஞ்செழியன் இ)நின்றசீர் நெடுமாறன் ஈ)நிலந்தரு திருவிற் பாண்டியன்
46. வெண்ணிலை சிறுகதைத் தொகுதியை எழுதியவர் யார்?
 அ)சு.வேணுகோபால் ஆ)கு.அழகிரிசாமி இ)கு.ப.ரா. ஈ)விந்தன்
47. இளவேனில் காலம் என்பது?
 அ)சித்திரை வைகாசி ஆ)ஆனி ஆடி இ)ஆவணி புரட்டாசி ஈ)ஐப்பசி கார்த்திகை
48. காண்டேகரின் படைப்புகளை மொழிபெயர்த்தவர் யார்?
 அ)கா.ஸ்ரீ.ஸ்ரீ ஆ)தமிழ் நாடன் இ)சிற்பி பாலசுப்பிரமணியம் ஈ)சுந்தர ராமசாமி
49. ஹைக்கூவின் ஆதிகவி யார்?
 அ)பாஷோ ஆ)புஸன் இ)ஐசா ஈ)ஷுகி
50. முதற்சங்கம் நிறுவிய மன்னன்யார்?
 அ)காய்சின வழுதி ஆ)கடுங்கோன் இ)வெண்டேர்ச்செழியன் ஈ)முடத்திருமாறன்



ANSWERS: GENERAL KNOWLEDGE

(19-03-2022)

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

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

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

21- b [Jammu and Kashmir]

Pandrethan temple is an 8th century heritage site situated in Badamibagh, Srinagar (Jammu and Kashmir). The Chinara Corps of the Indian Army has rejuvenated the site recently. In this regard, the unit was accorded recognition by the National Monuments Authority (NMA) of the Ministry of Culture. The site hosts several figurines of 2nd century in the form of two large monolithic rock shiva lingams, seven Gandhara-style sculptures among others. Pandrethan Temple. It is an 8th century heritage site situated in Srinagar's Badamibagh. It has been preserved and rejuvenated by the Chinara Corps of the Indian Army. The site hosts several excavated figurines tracing back to the 2nd century – in the form of two large monolithic rock shiva lingams, seven Gandhara-style sculptures and a huge rock carving of the feet of a monolithic statue. Pandrethan site near Shiva temple was excavated by the British era ASI in 1913 yielding several Buddhist sculptures and rubbles of a Chaitya assignable to the 8th CE.

22- a [Ajay Bhushan Pandey]

The government has appointed former finance secretary Ajay Bhushan Pandey as chairman of the National Financial Reporting Authority (NFRA) for three years. Mr Pandey, a 1984-batch Maharashtra cadre IAS officer, retired as revenue secretary last February. The Appointments Committee of the Cabinet (ACC) has approved the appointment of former revenue secretary Mr ABP Pandey as the chairperson of NFRA for three years from the date of assumption of charge or till the incumbent attains the age of 65 years, sources said. Before becoming revenue secretary, he was chief executive of the Unique Identification Authority of India (UIDAI). Post-retirement, Mr Pandey headed a committee to revisit the criteria for determining the economically weaker sections to provide them reservation.

23-b [Fifth]

India's equity market has entered into the world's top-five list, in terms of market capitalisation, for the first time. The country's total market cap stands at USD 3.21 trillion. The first four places are occupied by the US (USD 47.32 trillion), China (USD 11.52 trillion), Japan (USD 6 trillion) and Hong Kong. India is followed by UK, Saudi Arabia, Canada, France and Germany.

24-a India started vaccinating children aged 12-14 against the coronavirus disease (Covid-19) from Wednesday, Union health minister Mansukh Mandaviya announced on Monday, adding that the precautionary dose of the jab will now be provided to everyone aged 60 years and above. The move reflects the government's intention to expand the Covid-19 vaccination programme based on updated scientific evidence to cover as much population as possible against the fatal viral infection. Biological E's anti-Covid vaccine Corbevax will be the jab administered to children aged 12-14 years. The central government has placed an order of 5 crore Corbevax vaccine doses and the supplies have also started coming in. "If children are safe, then the country is safe. I am happy to announce that from March 16, Covid vaccination will start for children belonging to the age group of 12 to 13 and 13 to 14 years. Also, all 60 years and above will now be able to take the precaution dose

25-d The Government of Madhya Pradesh has recently presented its budget for the financial year 2022-23 in which children's budget has been presented for children. The state government has allocated Rs 57, 803 crore has been made for the nutrition, health and education of children in this children's budget.

26- b [Ministry of Chemicals and Fertilizers]

Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers implements the "Strengthening of Pharmaceutical Industry (SPI)" scheme. The Department has released guidelines for the scheme "Strengthening of Pharmaceutical Industry (SPI)", with a total financial outlay of Rs.500 Cr for the period from FY 21-22 to FY 25-26. The objectives of the scheme are to strengthen the existing infrastructure facilities in Pharma Sector.

27-a NITI Aayog and Ministry of Development of North Eastern Region have launched the North Eastern Region District SDG Index Report and Dashboard 2021-22, with technical support from UNDP. The index is based on NITI Aayog's SDG India Index. According to the report, the East Sikkim district of Sikkim has topped the North Eastern Region (NER) District SDG Index 2021-22 while the Kiphire district of Nagaland was ranked last amongst 103 districts in the ranking. Gomati, North Tripura is second, West Tripura is third in the ranking.

28-b Several historical sites and heritage structures can be found in Ukraine, and its museums have significant specimens of Baroque and folk art. Thousands of museums in Ukraine contain important works of Ukrainian and Russian art, as well as Byzantine and classical artefacts and paintings by painters like Francisco Goya, Giovanni Bellini, and Jacques-Louis David. Around 4,000 artefacts from Ukraine's pro-democracy movement are on display at Kyiv's Museum of Freedom. The Odessa Fine Arts Museum in the city centre of Odessa has more than 10,000 objects, including Ukrainian and Russian orthodox icons dating back to the 16th-century artists such as Mykhailo Vrubel, Ivan Aivazovskyi, Mykola Reryh, Valentyn Sierov, Kostiantyn Somov, Zinaida Serebriakova, and Vasyl Kandynskyi. Ukraine also has seven world heritage sites.

29-b. [Uttarakhand] India's oldest military school, Rashtriya Indian Military College (RIMC), turned a hundred years old recently. It is located in the Dehradun, Uttarakhand. The military training institution was inaugurated in March 1922 by the then Prince of Wales. RIMC is the premier feeder

institute for the National Defence Academy and Naval Academy, Ezhimala. It provides public school education to students in the age group of 11½ to 18 years

30-b Production Linked Incentive (PLI) Scheme for White Goods (Air Conditioners and LED Lights) was launched in 2021 with a budgetary outlay of Rs. 6,238 crore. PLI scheme is aimed at making India's manufacturing sector globally competitive by creating economies of scale, ensuring efficiencies, and removing disabilities. The benefits of the scheme include an increase in global investments in the Indian manufacturing sector, an increase in employment opportunities, and a boost to Indian exports. It is a pan India scheme and any global or domestic company can avail benefits under the Scheme. Under the scheme, there will be an incentive of 4% to 6% on incremental sales of goods manufactured in India to companies engaged in manufacturing Air Conditioners and LED Lights for five years. Companies that manufacture components that are not manufactured in India presently with sufficient capacity will be selected under the scheme. Companies making brownfield or greenfield Investments will be incentivized. The goods should mandatorily meet the Bureau of Indian Standards (BIS) and Bureau of Energy Efficiency (BEE) quality standards for sales in domestic markets and applicable standards for sales in international markets. The Commerce and Industry ministry reopened the application window for the production-linked incentive (PLI) scheme for White Goods- ACs and LED Lights. The Union Cabinet approved the PLI scheme for White Goods for manufacture of components in April 2021. The scheme, to be implemented from FY22 to FY29, has an outlay of Rs 6,238 crore and offers incentives of 4-6% on incremental sales of goods made in India.

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

31. D Let the three consecutive numbers be $x - 2, x, x + 2$. Given its average $(x - 2 + x + x + 2) / 3 = 34$
So $3x / 3 = 34$. Then $x = 34$. Hence Largest value is $34 + 2 = 36$

32. B SP of an article Rs 2500 and CP is Rs. 2000. So profit is $SP - CP = 2500 - 2000 = 500$
Profit % = $P / CP \times 100 = 500 / 2000 \times 100 = 25 \%$

33. B First pipe 1 hour work is $1/6$. Second pipe 1 hour work is $1/12$
Total work done (Both opened) = $1/6 - 1/12 = 1/12$ (minus sign for empty the tank)
Hence the tank filled in **12 hours**

34. B Principal P = Rs. 2500, time n = 2 years, Rate of interest R = 4 %

$$\text{Amount } A = P[1 + R/100]^n = 2500 \left[\frac{104}{100} \times \frac{104}{100} \right] = 2704$$

Compound Interest CI = A - P = 2704 - 2500 = **Rs. 204**

35. B Sum P = Rs. 6000, SI = Rs. 720, Rate of interest R = 6%, Then

$$\text{Time } n = \frac{SIX \ 100}{P \times R} = \frac{720 \times 100}{6000 \times 6} = 2 \text{ years}$$

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

36. A. (This is an alternating addition and subtraction series. In the first pattern, 10 is subtracted from each number to arrive at the next. In the second, 5 is added to each number to arrive at the next.)

37. A. (Rest are positive emotions)

38. B.

39. C. (The first letters are in alphabetical order with a letter skipped in between each segment: C, E, G, I, K. The second and third letters are repeated; they are also in order with a skipped letter: M, O, Q, S, U)

40. Answer: C. (A lizard is a type of reptile; a daisy is a type of flower. Choices a and b are incorrect because a petal and a stem are parts of a flower, not types of flowers. (Choice d) is incorrect because an alligator is another type of reptile, not a type of flower)

தமிழ்:

விடைகள்:

41.அ)2004 42.அ)போர்த்துகீசியம் 43.ஈ)சந்திர லோகம் 44.அ)வெண்பாப் பாட்டியல்

45.ஈ)நிலந்தரு திருவிற பாண்டியன் 46.அ)சுவேணுகோபால்

47.அ)சித்திரை வைகாசி 48.அ)கா.ஸ்ரீ.ஸ்ரீ 49.அ)பாஷோ 50.அ)காய்சின வழுதி

**EVERYDAY SCIENCE**

1. Quartz crystals normally used in quartz clocks etc. is chemically
 - a) silicon dioxide
 - b) germanium oxide
 - c) a mixture of germanium oxide and silicon dioxide
 - d) sodium silicate
2. Which of the following is used as a lubricant?
 - a) Graphite
 - b) Silica
 - c) Iron Oxide
 - d) Diamond
3. What is the wavelength of visible spectrum?
 - a) 8500-9800 angstrom
 - b) 7800-8000 angstrom
 - c) 3900-7600 angstrom
 - d) 1300-3000 angstrom
4. Which of the following rays are more penetrating?
 - a) Beta rays
 - b) Alpha rays
 - c) Gamma rays
 - d) X-rays
5. One horse power is equal to
 - a) 746 watts
 - b) 748 watts
 - c) 756 watts
 - d) 736 watts
6. Which of the following diseases is also called as “Salmonella enterica serotype Typhi”?
 - a) Typhoid
 - b) Malaria
 - c) Diarrhea
 - d) Yellow fever
7. What is the total percentage of nitrogen gas in the air?
 - a) 12 per cent
 - b) 21 per cent
 - c) 78 per cent
 - d) 87 per cent
8. Which of the following vitamins is called a water-soluble vitamin?
 - a) vitamin A
 - b) vitamin D
 - c) vitamin C
 - d) vitamin K
9. Which of the following is the smallest unit of data in a computer?
 - a) Bit
 - b) KB
 - c) Nibble
 - d) Byte
10. Which of the following computer language is used for artificial intelligence?
 - a) FORTRAN
 - b) PROLOG
 - c) C
 - d) COBOL

GENERAL STUDIES

11. Khilafat movement was started against the
 - a) British Government
 - b) Hindus
 - c) Muslims
 - d) Christians
12. The author of “Kuil” magazine was
 - a) Kannadasan
 - b) Bharathidasan
 - c) Suradha
 - d) Bharathiyar
13. Reserve Bank of India acts as the banker and agent of the
 - a) World Bank
 - b) IMF
 - c) Government of India
 - d) IFC
14. Garibi Hatao means
 - a) Unemployment
 - b) Removal of Poverty
 - c) Green Revolution
 - d) services
15. The headquarters of world Trade Organisation is at
 - a) New York
 - b) Geneva
 - c) London
 - d) Warsaw
16. The 11th five Year Plan period is
 - a) 2006 – 2011
 - b) 2007 – 2012
 - c) 2008 – 2013
 - d) 2005 – 2010
17. Which Country is the new member of the BRICS New Development Bank (NDP)
 - a) Italy
 - b) Israel
 - c) Egypt
 - d) Bangladesh
18. Aam – Aadmi – Bima Yajana provides social security to
 - a) All labourers in rural areas
 - b) all land less labourers living below poverty line in rural areas
 - c) all labourers in urban areas
 - d) all labourers in both rural as well as urban areas
19. When was the Narasimham committee introduced?
 - a) 1991
 - b) 1981
 - c) 1982
 - d) 1983
20. What is the speciality of 16th September?
 - a) World Tourism Day
 - b) World Literacy Day
 - c) World Food Day
 - d) World Ozone Day

CURRENT AFFAIRS

21. What is the theme of the ‘National Science Day 2022’?
 - a) Integrated Approach in Science and Technology for Sustainable Future
 - b) Science and Technology for Atmanirbhar Bharat
 - c) VigyanSarvatraPujyate
 - d) AmrutKaalVigyan
22. Which institution released the ‘State of India’s Environment Report 2022’?
 - a) NITI Aayog
 - b) Centre for Science and Environment
 - c) Ministry of Environment, Forest and Climate Change
 - d) UNDP
23. Which institution adopted the resolution titled ‘Aggression Against Ukraine’?
 - a) UNSC
 - b) UNGA
 - c) UNICEF
 - d) UNESCO
24. What is the theme of the ‘International Women’s Day 2022’?
 - a) Stop the Bias
 - b) Break Gender Stereotypes
 - c) Gender equality today for a sustainable tomorrow
 - d) She, He and We
25. ‘GrameenaHabba’ is an annual marketing event organised by which institution?
 - a) NABARD
 - b) Ministry of Women and Child Development
 - c) Tribes India
 - d) SIDBI
26. What is the rank of India in the World Happiness Report 2022?
 - a) 123
 - b) 136
 - c) 141
 - d) 146

27. Which city is the host of 'WINGS INDIA 2022' Conference?
 a) New Delhi b) Mumbai c) Pune d) Hyderabad
28. "PasuvulaPanduga" (Cattle Festival) is a famous event held in which state?
 a) Tamil Nadu b) Kerala c) Odisha d) Andhra Pradesh
29. RameshbabuPraggnanandhaa is associated with which game?
 a) Chess b) Hockey c) Soccer d) Cricket
30. Who is the author of the book titled "The \$10 Trillion Dream"?
 a)RaghuramRajan b)Subhash Chandra Garg c)Urjit Patel d)Arvind Subramanian

QUANTITATIVE APTITUDE

31. A 60 liter mixture of milk and water contains 10% water. How much water must be added to make water 20% in the mixture?
 a) 8 liters b) 7.5 liters c) 7 liters d) 6.5 liters
32. Find the missing term of the given expression: $18.834 + 818.34 - ? = 618.43$
 a) 217.644 b) 218.744 c) 217.744 d) 217.844
33. What is the market price of a 9% share when a person gets 180 by investing Rs. 4000?
 a) 150 b) 200 c) 250 d) 300
34. If 15 men can reap the crops of a field in 28 days, in how many days will 5 men reap it?
 a) 50 days b) 60 days c) 84 days d) 9.333 days
35. If 30% of a certain number is 12.6, what is the number?
 a) 24 b) 42 c) 23 d) 32

TEST OF REASONING

36. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?
 A. (1/3) B. (1/8) C. (2/8) D. (1/16)
37. Petal: Flower
 A. Pen: Paper B. Engine: Car C. Cat: Dog D. Ball: Game
38. Which word does not belong to others?
 A. Inch B. Kilogram C. Centimeter D. Yard
39. Peter is in the East of Tom and Tom is in the North of John. Mike is in the South of John then in which direction of Peter is Mike?
 A. South-East B. South-West C. South D. North-East
40. RQP, ONM, __, IHG, FED, find the missing letters.
 A. CDE B. LKI C. LKJ D. BAC

தமிழ்

41. இமைகளை மூடியபடி தமிழை எழுதும் ஆற்றல் பெற்றவர் ?
 அ.பாவாணர் ஆ.திரு .வி .க இ.பேரறிஞர் அண்ணா ஈ.பெரியார்
42. சம்பா நெல்லின் உள் வகைகள்
 அ.90. ஆ.70. இ.80. ஈ.60.
43. மழைக்காற்று என அழைக்கப்படுவது
 அ.கோடை ஆ.கொண்டல் இ.வாடை ஈ.தென்றல்
44. வளி மிகின் வலி இல்லை என்று காற்றைச் சிறப்பித்தவர்.....
 அ.வெண்ணிக்குயத்தியார் ஆ.இளநாகனார் இ.ஐயூர் முடவனார் ஈ.ஒளவையார்
45. தொகைநிலைத் தொடர்..... வகைப்படும்
 அ.ஐந்து ஆ.ஏழு இ.ஒன்பது ஈ.ஆறு
46. மார்கழித் திங்கள், சாரைப்பாம்பு ஆகிய சொற்களில் இடம்பெற்ற பொதுப் பெயர்கள்?
 அ.மார்கழி, சாரை ஆ. திங்கள், பாம்பு இ.மார்கழி,பாம்பு ஈ.திங்கள்,சாரை
47. முறுக்கு மீசை வந்தார் என்பது.தொகை
 அ.பண்புத்தொகை ஆ.வினைத்தொகை
 இ.அன்மொழித்தொகை ஈ.இருபெயரொட்டுப் பண்புத்தொகை
48. அறிஞருக்கு நூல், அறிஞரது நூல் ஆகிய சொற்களின் பொருளை வேறுபடுத்த காரணம் ?
 அ.வேற்றுமை உருபு ஆ.எழுவாய் இ.உவம உருபு ஈ.உரிச்சொல்
49. பின் குறிப்பிட்ட வருள் யாரை விருந்தினர் என அழைப்பது மிகப் பொருந்தும் ?
 அ.முன்பின் அறியாதவர் ஆ.உறவினர் இ.நண்பர்கள் ஈ.உற்றார்
50. தமிழர் வீடுகளின் முன் புறம் திண்ணையும் அதில் திண்டும் வைத்துக் கட்டிய தான் காரணம் ?
 அ.புதியதாக வருவோர் இரவில் தங்குவதற்கு ஆ.சிறுவர்கள் அமர்ந்து விளையாட
 இ.வீட்டின் அழகுக்காக ஈ.விழாக்கால பயன்பாட்டிற்காக

ANSWERS: GENERAL KNOWLEDGE



(26-03-2022)

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

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

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

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

31. B The mixture has 10% water, so the milk would be 90% of 60 liters.

Milk = $90/100 \times 60 = 54$ liters \therefore Water = $60 - 54 = 6$ liters Let water to be added = x liters

Now, $6+x / 60+x \times 100 = 20$; $6+x / 60+x = 1/5$

$30 + 5x = 60+x$; $30 - 60 = x - 5x$; $-30 = -4x$; $x = 30/4 = 7.5$ liters

32. B

$18.834 + 818.34 - ? = 618.43$ (Or) $18.834 + 818.340 - 618.43 = ?$

$837.174 - 618.430 = 218.744$

33. B Let the face value of the share = Rs. 100 Dividend per share = 9

As per the question, an income of Rs. 180 is obtained from an investment of Rs. 4000.

So, an income of Rs. 9 is obtained from an investment of Rs. = $(4000/180) \times 9 = 200$

So, the market price of the share = Rs. 200

34. C $x = 15/5 \times 28 = 84$ days; Hence, 5 men can reap a field in 84 days.

35. B Let the required number be x . So, according to the question:

$$\frac{30}{100} x = 12.6$$

$$x = \left(\frac{12.6 \times 100}{30} \right) = 42$$

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

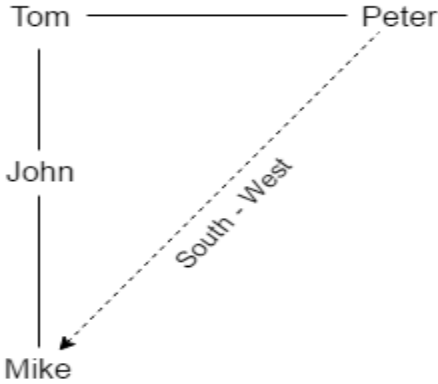
36. B It's a division series. Every number is half of the previous number. The number is divided by 2 successively to get the next result. $4/2 = 2$. $2/2 = 1$. $1/2 = 1/2$. $(1/2)/2 = 1/4$. $(1/4)/2 = 1/8$ and so on.

37. B A petal is a part of the flower. In a similar way, an engine is a part of the car.

38. B A kilogram measures weight and the other units are used to measure length.

39. B

Explanation:



40. C The series consists of letters in reverse alphabetical order. Therefore, the missing letters are LKJ.

தமிழ்:

விடைகள்:

41. ஆ.திரு.வி.க 42. ஈ.60. 43. ஆ.கொண்டல் 44. இ.ஐயூர் முடவனார்

45. ஈ.ஆறு 46. ஆ.திங்கள், பாம்பு 47. இ.அன்மொழித்தொகை 48. அ.வேற்றுமை உருபு

49. அ.முன்பின் அறியாதவர் 50. அ.புதியதாக வருவோர் இரவில் தங்குவதற்கு



EVERYDAY SCIENCE

1. The movements of planets are controlled by the gravitational force of the
(A) Sun (B) Earth (C) Moon (D) Stars
2. Newton's third law is applicable to bodies
(A) At rest only (B) In motion only (C) Both at rest and in motion (D) With same mass
3. Blood platelets help in
(A) Immunity (B) Gaseous transport (C) Blood clotting (D) Acid – Base balance
4. The enzyme used to join the broken DNA fragments is
(A) DNA polymerase (B) Alkaline phosphate (C) DNA Ligase (D) Restriction Endonuclease
5. If the mass number of an element is 16 and atomic number is 8 then the number of neutrons is
(A) 16 (B) 8 (C) 32 (D) 4
6. Metal present in blood
(A) Al (B) Mg (C) Fe (D) Cu
7. Severe diarrhea is a symptom of
(A) Tuberculosis (B) Cholera (C) Leprosy (D) Anthrax
8. The structure of methane is
(A) Octahedral (B) Tetrahedral (C) Square planar (D) Linear
9. Effective drug of TB is
(A) Isoniazid (B) Penicillin (C) Azidothymidine (D) All of these
10. Find the odd man out: Related with heat in one action
(A) Conduction (B) Convection (C) Absorption (D) Radiation

GENERAL STUDIES

11. Which European country has elected katalinnovak, as the first-ever female president in March 2022?
A) Slovakia B) Romania C) Australia D) Hungary
12. Which country has emerged as the largest importer of arms in 2017-2021?
A) China B) United Kingdom C) India D) Russia
13. Which country researchers have developed nano robots to explore the moon for the first time in 2022?
A) Chad B) Mexico C) Ecuador D) Venezuela
14. Which country has become the largest recipient of the COVID vaccines donated by the US worldwide via the COVAX facility of the WHO?
A) Bhutan B) Sri Lanka C) Bangladesh D) Pakistan
15. As per the union minister of state for commerce and industry Som Prakash India has received _____ foreign direct investment (FDI) in last five years.
A) \$339.55 billion B) \$239.55 billion C) \$139.55 billion D) \$329.55 billion
16. Which of the following state has signed a letter of intent (LOI) with THDC India ltd., (THDCIL) to set up 10,000-mw solar projects?
A) Gujarat B) Haryana C) Rajasthan D) Assam
17. Which of the following days is celebrated as world pulses day every year?
A) 10th February B) 10th March C) 8th April D) 6th May
18. Who among the following has won the 19th Asian billiards championship 2022, held in Doha, Qatar?
A) Geet Sethi B) Subash Agarwal C) Pankaj Advani D) Micheal Ferreira
19. Which state topped among all the Indian states in terms of water conservation?
A) Uttar Pradesh B) Bihar C) Karnataka D) Gujarat
20. Who has won the BBC Indian sportswoman of the year award for 2021?
A) PV Sindhu B) Mary Kom C) Mirabhai Chenu D) Lovlina Borgohain

CURRENT AFFAIRS

21. Which country recently test-fired the intercontinental ballistic missile (ICBM) named Hwasong-17?
a) China b) North Korea c) UAE d) Israel
22. What is the percentage rise in Tuberculosis (TB) cases in India in 2021, as per India TB Report 2022?
a) 2% b) 5% c) 9% d) 19%
23. Which is the venue of the 'Bharat Bhagya Vidhata' festival?
a) Mumbai b) New Delhi c) Lucknow d) Ahmadabad
24. Mario Marcel, who won the 'Governor of the year' award, was the Governor of which country's Central Bank?
a) Chile b) Australia c) Germany d) Venezuela
25. Which institution issued the world's first Wildlife Conservation Bond (WCB)?
a) World Bank b) UN Environment Program
c) World Economic Forum d) International Monetary Fund
26. Which global association released the 'Declaration on Privacy and the protection of personal data'?
a) G-20 b) European Union c) G-7 d) NATO
27. Biplobi Bharat Gallery was recently inaugurated at which city?
a) Bhubaneswar b) Kolkata c) Guwahati d) Shimla
28. Which Indian has been appointed to UN Advisory Board on Effective Multilateralism?
a) Raghuram Rajan b) Jayati Ghosh c) Abhijeet Banerjee d) Amartya Sen

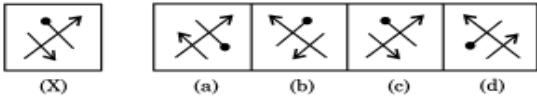
29. The 'Golden Langur' is an endangered species, native to which country?
a) India and Bhutan b) India and Sri Lanka c) India and Bangladesh d) Laos and Cambodia
30. Which Company launched India's first fuel cell electric vehicle (FCEV)?
a) Ola b) Toyota c) Honda d) Tata

QUANTITATIVE APTITUDE

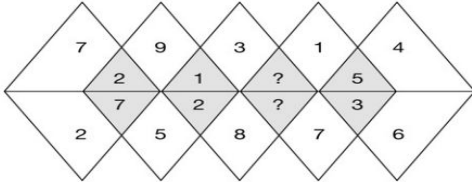
31. If a number when divided by 4, is reduced by 21, the number is _____
a) 18 b) 20 c) 28 d) 38
32. Find a number such that when 15 is subtracted from 7 times a number the result is 10 more than twice the number
a) 5 b) 10 c) 15 d) 20
33. In an examination 35% of total students failed in Hindi, 45% failed in English and 20% in both find the percentage of these who passed in both the subjects
a) 40% b) 50% c) 60% d) 70%
34. Find the average of first 40 natural numbers
a) 10.5 b) 30.5 c) 20.5 d) 15.5
35. Find the odd man out:- 3, 5, 7, 12, 17, 19
a) 19 b) 17 c) 13 d) 12

TEST OF REASONING

36. 0 is *, 1 is !, 2 is @, 3 is #, 4 is \$, 5 is %, then the value of !+@ x (\$/@) - \$ + @ x % is
a) !@ b) #! c) !! d) !%
37. Choose the correct mirror image of the figure X among the four options.



38. Pic the odd man out
a) corporation b) business c) entrepreneur d) conglomerate
39. Ajay and Yuvaraj are older than Deepan and Parthiban. Naveen is older than Deepan but younger than Ajay. If Ajay is not the oldest, then who is the oldest?
a) Naveen b) Yuvaraj c) Deepan d) Parthiban
- 40.



What numbers should replace the question marks?

தமிழ்

41. கீழ்க்கண்டவற்றுள் தமிழ்ச் சொல்லைத் தேர்ந்தெடு.
அ)தபால் ஆ)காகிதம் இ)மணகம் ஈ)கடுதாசி
42. கீழ்க்கண்டவற்றுள் அணி இலக்கண நூல் எது?
அ)பிரபந்த மரபியல் ஆ)பிரபந்த தீபிகை இ)தொன்னூல் விளக்கம் ஈ)சந்திரலோகம்
43. கணினிக் கலைச்சொல் களஞ்சிய அகராதி எழுதியவர் யார்?
அ)மணவை முஸ்தபா ஆ)சுஜாதா இ)சா.பாஸ்கரன் ஈ)இராதா செல்லப்பன்
44. 'மூன்று தமிழ்ச் சங்கங்கள் இருந்தமை உண்மையே' என்று வலியுறுத்தியவர் யார்?
அ)எஸ்.வையாபுரிப்பிள்ளை ஆ)பி.டி.சீனிவாச ஐயங்கார் இ)இராமச்சந்திர தீட்சிதர் ஈ)கா.அப்பாத்துரையார்
45. நெய்தற்கலி பாடியவர் யார்?
அ)பெருங்கடுங்கோ ஆ)இளநாகனார் இ)நல்லுருத்திரன் ஈ)நல்லந்துவனார்
46. குறிஞ்சித் திணைக்குரிய சிறுபொழுது எது?
அ)வைகறை ஆ)யாமம் இ)மாலை ஈ)எற்பாடு
47. மதுரை கண்ணன் கூத்தனார் எழுதிய நூல் எது?
அ)இன்னா நாற்பது ஆ)இனியவை நாற்பது இ)கார் நாற்பது ஈ)களவழி நாற்பது
48. சைவ சித்தாந்தக் கோட்பாடுகளை வெளிப்படுத்தும் புலவர் யார்?
அ)குணங்குடி மஸ்தான் ஆ)சேகணாப்புவலர் இ)சுவ்வாதுப் புலவர் ஈ)இவர்களில் எவரும் இல்லை
49. சாகித்ய அகாடமி விருது பெற்ற முதல் நூல் எது?
அ)தமிழ் இன்பம் ஆ)அலை ஓசை இ)அகல் விளக்கு ஈ)பிசிராந்தையார்
50. பயணச் சிறகுகள் என்னும் நூலை எழுதியவர் யார்?
அ)மு.க.ஸ்டாலின் ஆ)ஏ.கே.செட்டியார் இ)சோம.லெ. ஈ)சாவி

ANSWERS: GENERAL KNOWLEDGE



(02-04-2022)

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

21. North Korea has confirmed that it has test-fired its first intercontinental ballistic missile (ICBM) since 2017 named 'Hwasong-17'. Hwasong-17 flew 1,090 km at a maximum altitude of 6,248.5 km and hit a target. Hwasong-17 is claimed to be the largest road-mobile, liquid-fuelled ICBM in the world. Hwasong-15, which was tested in November 2017 reached an altitude of about 4,475 km and covered 950 km.
22. The 'India TB Report 2022' was recently released by the Union Health Minister. As per the report, India reported a sharp 19 per cent rise in tuberculosis cases in 2021 over the previous year. The total number of incident TB patients notified during 2021 were around 19 lakhs as opposed to that of 16 lakhs in 2020. There has been an increase in the mortality rate due to TB between 2019 and 2020 by 11 per cent in India.
23. The ten-day mega Red Fort Festival titled 'Bharat Bhagya Vidhata' commenced recently at Red Fort in New Delhi. Union Women and Child Development Minister Smriti Irani inaugurated the festival. The Red Fort mega festival is being organised as part of Azadi ka Amrit Mahotsav by Ministry of Culture. The Red Fort festival is to commemorate the heritage of the country and culture of every part of India.
24. The Central Banking team and its editorial advisory panel recently unveiled its ninth edition of Central Banking Awards (2022). Chile's Mario Marcel has been named for the Governor of the year award. Banco Central de Chile is the name of the central bank of Chile. Chile's governor expertly navigated a third currency crisis in two years, amid wider political volatility, while improving the central bank's capabilities.
25. The World Bank has issued the world's first wildlife bond named as the Wildlife Conservation Bond (WCB). The USD150 million will be spent on two South African reserves, the Addo Elephant National Park (AENP) and the Great Fish River Nature Reserve (GFRNR). The reserves would use the money for the conservation of black rhinoceros in the sanctuaries.
26. European External Action Service ('EEAS') announced a joint declaration by the EU, Australia, Comoros, India, Japan, Mauritius, New Zealand, South Korea, Singapore, and Sri Lanka. The 'Declaration on Privacy and the protection of personal data'- Strengthening trust in the digital environment aims to improve international cooperation to promote high data protection and privacy standards.
27. Prime Minister Narendra Modi inaugurated the Biplobi Bharat Gallery at Victoria Memorial Hall, Kolkata via video conferencing on the occasion of Shaheed Diwas. The Gallery showcases the contribution of the Revolutionaries in the freedom struggle and their resistance to British colonial rule. It showcases the birth of the revolutionary movement, formation of associations by revolutionary leaders, spread of the movement, formation of Indian National Army, contribution of Naval Mutiny, among others.
28. Jayati Ghosh has been appointed by UN Secretary General Antonio Guterres to the Advisory Board on Effective Multilateralism. UN Chief Guterres announced the establishment of the new high-level to be co-chaired by former Liberian president and Nobel laureate Ellen Johnson Sirleaf and former Swedish Prime Minister Stefan Lofven.
29. Golden Langur (*Trachypithecus geei*) is an endangered primate species that is distributed along the boundary of Bhutan and India. As per a recent study, there is a significant decline in the habitat of Golden Langur and the intensity of human-langur conflict is increasing due to enhanced human footprints in the habitat of the species.
30. Union Minister Nitin Gadkari recently launched green hydrogen-based advanced fuel cell electric vehicle (FCEV). Named Toyota Mirai, it is the first-of-its-kind project in India that aims to create an ecosystem for Fuel Cell Electric Vehicles in the country. It is powered by hydrogen and is completely environment-friendly.

QUANTITATIVE APTITUDE : 31.C 32.A 33.A 34.C 35.D
 31. C Let the number be x then $x/4 = x-21$ $X = 4(x-21)$ $X = 4x-84$ $X-4x = -84$ $-3x = -84$ $X = 28$
 32. A Let the number be x then $7x-15=2x+10$ $5x=25$ $X=5$
 33. A Let A and B be the set of students who failed in Hindi and English
 $n(A)=35$ $n(B)=45$ $n(A \cap B)=20$ $n(A \cup B)=n(A)+n(B)-n(A \cap B)$
 $=35+45-20 =80-20 =60$ Hence the percentage $(100-60)\%=40\%$.
 34. C $n(n+1)/2=40 \times 41/2=820$ Required average $820/40=20.5$
 35. D Non prime number

TEST OF REASONING : 36.C 37.B 38.B 39.B 40.A
 36. c) !! [Ans: 11, because $1+2 \times (4/2) - 4 + 2 \times 5$]
 37.



(b)

38. b) entrepreneur (it is an individual; the rest are companies)
39. b) Yuvaraj As per the question Yuvaraj>Ajay>Naveen>Deepan/Parthiban.
40. a) 4 & 7. Looking at the adjacent numbers in the larger sections, $7 - 3 = 4$ and $8 - 1 = 7$

தமிழ் 41.இ)மணகம் 42.ஈ)சந்திரலோகம் 43.அ)மணவை முஸ்தபா 44.ஈ)கா.அப்பாத்துரையார்
 45.ஈ)நல்லந்துவனார் 46.ஆ)யாமம் 47.இ)கார் நாற்பது 48.அ)குணங்குடி மஸ்தான்
 49.அ)தமிழ் இன்பம் 50.அ)மு.க.ஸ்டாலின்



EVERYDAY SCIENCE

1. Which of the following device converts chemical energy into electrical energy?
a) Motor b) Generator c) Moving-coil meter d) Battery
2. When white light is spread and passed through a prism, it splits into how many colors?
a) Nine b) Six c) Seven d) Eight
3. Which is considered as true for “Sound”?
a) Sound cannot move through a vacuum b) Sound cannot move through gases
c) Sound cannot move through liquids d) Sound cannot move through solids
4. The planet that moves round the Sun at the highest speed is
a) Jupiter b) Venus c) Mars d) Mercury
5. The position of an element in the Periodic Table is determined by its _____ number
a) Electron b) Proton c) Neutron d) Positron
6. Which among the following would cause the bright red color due to bursting of crackers?
a) Strontium b) Sodium c) Sulphur d) Magnesium
7. The Study of organisms inhabiting the sea and Ocean and the physical and chemical characteristics of their environment is
a) Social Biology b) Marine Biology c) Environmental Biology d) Fresh Water Biology
8. The weight of a Heart of a normal adult human being is?
a) 100 grams b) 250 grams c) 300 grams d) 400 grams
9. Sweet potato is an underground structure which stores food. Where is the food prepared in this plant?
a) Leaves b) Fruit c) Stem d) Root
10. Which of the following flowers is unisexual?
a) Papaya b) Sunflower c) Hibiscus d) Mustard

GENERAL STUDIES

11. Black revolution is related to
a) Fish production b) Coal production c) Crude oil production d) Mustard production
12. The concept of Goods and service tax (GST) was originated from
a) Canada b) USA c) Britain d) Germany
13. The national fruit which is common for Phillipines, Pakistan and India is
a) Banana b) Fig c) Mango d) Jack
14. Which district of Tamil Nadu produces the highest output of food grains?
a) Villupuram b) Cuddalore c) Thanjavur d) Nagapattinam
15. Which one is not part of the Panchayat Raj?
a) Smiti b) Village c) Township d) Zila Parishad
16. The constituent Assembly of India was set up according to the proposals of
a) The Cripps Mission b) The Cabinet Mission Plan c) The Mountbatten Plan d) The Nehru Plan
17. Which Act provided Provincial Autonomy to India?
a) Rowlatt Act – 1919 b) Minto-Morley Reform Act – 1909
c) The Government of India Act – 1935 d) Montagu Chelmsford Reform Act – 1919
18. Who assumed the title “ Chittrakara Puli”?
a) Rajaraja I b) Narshima I c) Mahendra Varman I d) Nandhivarman
19. Where was the first nuclear reactor of Asia established?
a) People’s Republic of China b) Japan c) Taiwan d) India
20. Name the place where the River Ganga and Yamuna Joins?
a) Allahabad b) Hyderabad c) Delhi d) Agra

CURRENT AFFAIRS

21. ‘Raising and Accelerating MSME Performance’ (RAMP) is supported by which global institution?
[A] International Monetary Fund [B] World Bank [C] UNICEF [D] World Economic Forum
22. Which section of Railways has completed 100 per cent electrification across the zone?
[A] Konkan Railway [B] North East Frontier Railway [C] East Coast Railway [D] South Central Railway
23. Kaziranga National Park is located along which Indian River?
[A] Ganga [B] Yamuna [C] Brahmaputra [D] Sutlej
24. The world’s largest electric cruise ship has made its maiden voyage in which country?
[A] China [B] USA [C] Germany [D] Australia
25. Shahi Litchi earned the GI tag from which Indian state?
[A] Bihar [B] Uttar Pradesh [C] Madhya Pradesh [D] Uttarakhand
26. The ‘Unbox Me campaign’, which was launched recently, is associated with which day?
[A] International Transgender Day of Visibility [B] Zero Discrimination Day
[C] World Humanitarian Day [D] International Day for People of African Descent
27. As per the data from the Reserve Bank of India, which bank recorded the highest value of frauds in April-December 2021?
[A] State Bank of India [B] Punjab National Bank [C] Bank of India [D] Bank of Maharashtra

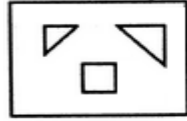
28. Utkal Diwas, celebrated on April 1, is the foundation day of which Indian state?
[A] Andhra Pradesh [B] Odisha [C] West Bengal [D] Gujarat
29. Which is the first Union Territory of India to launch its MyGov platform?
[A] Puducherry [B] Lakshadweep [C] Jammu and Kashmir [D] Chandigarh
30. Which institution releases the 'State of World Population Report'?
[A] UNICEF [B] UNFPA [C] IMF [D] World Bank

QUANTITATIVE APTITUDE

31. In a 500 m race, the ratio of the speeds of two contestants A and B is 3: 4. A has a start of 140 m. Then, A wins by:
a) 60m b) 40m c) 20m d) 10 m
32. A shopkeeper expects a gain of 22.5% on his cost price. If in a week, his sale was of Rs. 392, What was his profit?
a) 18.20 b) 70 c) 72 d) 88.25
33. Aman started a business investing Rs. 70,000. Rakhi joined him after six months with an amount of Rs.. 1,05,000 and Sagar joined them with Rs. 1.4 lakhs after another six months. The amount of profit earned should be distributed in what ratio among Aman, Rakhi and Sagar respectively, 3 years after Aman started the business?
a) 7 : 6 : 10 b) 12 : 15 : 16 c) 42 : 45 : 56 d) Cannot be determined
34. The product of two numbers is 120 and the sum of their squares is 289. The sum of the number is
a) 20 b) 23 c) 169 d) none of these
35. Find the odd man out. 8, 27, 64, 100, 125, 216, 343
a) 27 b) 100 c) 125 d) 343

TEST OF REASONING

36. Pick the odd man out?
a) Just b) Fair c) Equitable d) Biased
37. Which word does NOT belong with the others?
a) Noun b) Preposition c) Punctuation d) Adverb
38. Artist is to painting as senator is to
a) Attorney b) Law c) Politician d) Constituents
39. The necessary part of the underlined word : Pain
a) Cut b) Burn c) Nuisance d) Hurt
40. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X).



(X)



(1) (2) (3) (4)

- a) 1 b) 2 c) 3 d) 4

தமிழ்

41. உலகத்திலேயே ஒரு மொழிக்காக உலக மாநாடு நடத்திய முதல நாடு எது?
அ. மலேசியா ஆ. சிங்கப்பூர் இ. இலங்கை ஈ. இந்தோனேசியா
42. திருவள்ளூர் என்ற பெயரிலான முதல் தமிழ்க்கணினி வெளிவந்த ஆண்டு எது?
அ. 1982 ஆ. 1983 இ. 1984 ஈ. 1985
43. புலம்பெயர்ந்த தமிழர்கள் பற்றிய முதல் புதினம் எது?
அ. ஆண்கள் விற்பனைக்கு ஆ. அழிவின் அழைப்பிதழ் இ. புயலிலே ஒரு தோணி ஈ. திசை மாறிய தென்றல்
44. எந்த நாட்டு தேசிய நூலகத்தில் தமிழ் ஏடுகளும், கையெழுத்துப்பிரதிகளும் உள்ளன?
அ. இலத்தின் ஆ. கிரேக்கம் இ. செர்மனி ஈ. பிரான்சு
45. 'விசாரணைக்கமின்' என்ற புதினத்திற்கு சாகித்ய அகாதெமி விருது பெற்ற எழுத்தாளர் யார்?
அ. சா.கந்தசாமி ஆ. தியாகலிங்கம் இ. மகேந்திரன் ஈ. அகில்
46. இளம் வயதிலேயே சமூகவிடுதலைக்காகப் போராடிய வழக்கறிஞர் யார்?
அ. கமலா பசின் ஆ. மார்ல் ஏ. நேசமணி இ. ஊர்வசி பூதாலியா ஈ. உமா நாராயண்
47. பெயெர்ச்சத்திற்கான சான்றினைத் தேர்க.
அ. படித்தவன் ஆ. மாணவன் இ. படித்த மாணவன் ஈ. சேன்றவன்
48. 'பாடாத பைங்கிளி' - இலக்கண குறிப்புத் தருக.
அ. வினையெச்சம் ஆ. வினைத்தொகை இ. பண்புத்தொகை ஈ. எதிர்மறைப் பெயரெச்சம்
49. 'மாநாடு' என்பதன் இலக்கண குறிப்பினைத் தேர்க.
அ. உரிச்சொற்றொடர் ஆ. இடைச்சொல் இ. பெயர்ச்சொல் ஈ. வினைச்சொல்
50. 'கெழீஇ' என்பதன் இலக்கண குறிப்பு ---
அ. இன்னிசையளபெடை ஆ. சொல்லிசையளபெடை இ. ஒற்றளபெடை ஈ. எதுவுமில்லை

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

21. Cabinet approves USD 808 million for scheme to improve MSME performance. The World Bank-assisted programme supports various Covid-19 Resilience and Recovery Interventions. The 'Raising and Accelerating MSME Performance' (RAMP) is a World Bank-assisted scheme.
22. Electrification in Indian Railways: On Wednesday, Prime Minister Narendra Modi hailed the Konkan Railway for completing 100 per cent electrification across the zone and said the zonal railway has set new benchmarks for sustainable development.
23. Kaziranga National Park lies partly in Golaghat District and partly in Nagaon District of Assam. It is the oldest park in assam covers an area of 430 Sq kms along the river Brahmaputra on the North and the Karbi Anglong hills on the South.
24. China said to be the largest electric cruise ship in the world, the 'Yangtze River Three Gorges 1' has started its maiden voyage in Yichang in Hubei province. The ship is 100 metres long, 16.3 metres wide and has room for 1,300 passengers.
25. "Shahi litchi was the fourth agricultural product to get GI certification from Bihar in 2018, after Jardalu mango, Katarni rice and Magahi paan
26. The Unbox Me campaign was launched by UNAIDS ahead of the International Transgender Day of Visibility, observed this Thursday, 31 March
27. While Punjab National Bank recorded the highest value of frauds worth Rs 4,820 crore, Bank of India recorded the highest number of frauds at 13, according to data from the Reserve Bank of India.
28. The Odisha Foundation Day, also known as Utkal Divas or Utkala Dibasa, is commemorated every year on April 1 in recognition of the creation of Odisha as a separate state carved out of the then Bihar and Orissa province from the erstwhile Madras Presidency in the year 1936.
29. New Delhi [India], March 31 (ANI): To take forward the idea of citizen engagement and achieve the goal of 'Good Governance' in India's first Union Territory, MyGov Jammu and Kashmir has been launched on Wednesday by Lieutenant Governor Manoj Sinha, an official statement by the Ministry of Electronics and IT stated.
30. The United Nations Population Fund (UNFPA) publishes the State of World Population (SoWP) report annually. The 2022 version of this report has been released recently.

QUANTITATIVE APTITUDE :__ 31.C 32.C 33.B 34.B 35.B

31. C To reach the winning post A will have to cover a distance of (500 - 140)m, i.e., 360 m.
 While A covers 3 m, B covers 4 m.
 While A covers 360 m, B covers $\left(\frac{4}{3} \times 360\right)_m = 480$ m.
 Thus, when A reaches the winning post, B covers 480 m and therefore remains 20 m behind.
 \therefore A wins by 20 m.
32. C
 C.P. = Rs. $\left(\frac{100}{122.5} \times 392\right)$ = Rs. $\left(\frac{1000}{1225} \times 392\right)$ = Rs. 320
 \therefore Profit = Rs. (392 - 320) = Rs. 72.
33. B Aman : Rakhi : Sagar = (70,000 x 36) : (1,05,000 x 30) : (1,40,000 x 24) = 12 : 15 : 16.
34. B Let the numbers be x and y . Then, $xy = 120$ and $x^2 + y^2 = 289$.
 $\therefore (x + y)^2 = x^2 + y^2 + 2xy = 289 + (2 \times 120) = 529 \therefore x + y = \sqrt{529} = 23$.
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.D 37.C 38.B 39.D 40.A

36. d) Biased. Explanation: The others signify honesty.
37. c) Punctuation. Explanation: The noun, preposition, and adverb are classes of words that make up a sentence. Punctuation belongs in a sentence, but punctuation is not a class of word.
38. b) Explanation: An artist makes paintings; a senator makes laws. The answer is not choice (a) because an attorney does not make laws and a senator is not an attorney. Choice (c) is incorrect because a senator is not a politician. Constituents (choice d) is also incorrect because a senator serves his or her constituents.
39. d) Hurt
40. a) 1

தமிழ் 41.அ 42.ஆ 43.இ 44.ஈ 45.உ 46.ஊ 47.ஐ 48.ஈ 49.அ 50.ஆ.



EVERYDAY SCIENCE

1. The least count of Vernier callipers is
(a) 0.001 cm (b) 0.01 cm (c) 0.01 mm (d) 0.1 m
2. Which of the Following Hormones Regulate Blood Sodium and Potassium Levels in the Body?
(a) Aldosterone (b) Cortisol (c) Glycogens (d) Pheromones
3. Which of the Following Endocrine Glands Contributes to Setting the Body's Biological Clock?
(a) Pituitary gland (b) Pineal gland (c) Thymus gland (d) Adrenal gland
4. Which of the following regulates the female reproductive cycle?
(a) Progesterone (b) Testosterone (c) Estrogens (d) Glucocorticoids
5. In Science, a push or a pull on an object is called as
(a) pressure (b) gravitation (c) force (d) friction
6. Wind energy is harnessed by using ----- generator
(a) electron (b) turbine (c) vapour (d) steam
7. The chemical compounds used to kill rats and mice are called as
(a) fungicides (b) herbicides (c) rodenticides (d) insecticides
8. Dr. M.S. Swaminathan Research Institute is located in
(a) Mumbai (b) Kerala (c) New Delhi (d) Chennai
9. The chemical compound responsible for the smell of chlorine in the drinking water supplied by Corporation is
(a) CaCl_2 (b) CaOCl_2 (c) HCl (d) NaCl
10. 22 ct (Caratage) contains ----- % weight of gold
(a) 37.5 (b) 75 (c) 41.7 (d) 91.70

GENERAL STUDIES

11. A preparation of living (or) killed micro-organism (or) viruses used in prevention of diseases through immunization is called
(a) Toxoid (b) Vaccine (c) Joel Dean (d) Anti-toxin
12. The crop which gets affected by pink ball worm is
(a) Banana (b) Wheat (c) Mango (d) Cotton
13. Which among the following industries generates invisible exports?
(a) Fishing (b) Tourism (c) Jewellery (d) Handicrafts
14. Which of the following agricultural commodity of India gives largest interms of export value?
(a) Tea (b) Basmathi Rice (c) Spices (d) Cotton
15. Aligappa University was started in the year
(a) May 1985 (b) May 1987 (c) May 1984 (d) May 1966
16. World Diabetes Day is observed on
(a) November-14 (b) October-14 (c) September -14 (d) December-14
17. The national fruit which is common for India, Phillipines and Pakistan is
(a) Banana (b) Fig (c) Mango (d) Jack
18. Which of the following is the basic function of a computer?
(a) Input (b) Storage (c) Processing (d) All of the above
19. Which language is directly understood by the computer without translation program?
(a) Machine language (b) High level language (c) BASIC language (d) Assembly language
20. Which team emerged champion of the ICC World Test Championship 2021?
(a) India (b) Australia (c) England (d) New Zealand

CURRENT AFFAIRS

21. Which is the venue of the Indian Ocean Naval Symposium (IONS) maiden Maritime Exercise 2022 (IMEX-22)?
[A] Vishakhapatnam [B] Goa [C] Pune [D] Dehradun
22. Which state has approved Renewable Energy Policy (2022-27)?
[A] Gujarat [B] Karnataka [C] Odisha [D] Telangana
23. Which Indian state launched "Mukhyamantri Nibir Matsyachash Prakash"?
[A] Assam [B] Tripura [C] Gujarat [D] Chhattisgarh
24. What is the theme of the World Autism Awareness Day (WAAD) 2022?
[A] Inclusion in the Workplace [B] Quality Education for All
[C] Leaving No one Behind [D] Disorder, Not a Disease
25. Which is the first Indian city to get processed Steel Slag Road?
[A] Varanasi [B] Surat [C] Patna [D] Gandhi Nagar
26. Which state implements the 'Mukhya Mantri Bagwani Bima Yojana'?
[A] New Delhi [B] Haryana [C] Rajasthan [D] Punjab

27. Which Indian has been appointed to the UN ‘High-Level Expert Group on Net-Zero Emissions Commitments of Non-State Entities’?
[A] Ramesh Chand [B] Rajiv Kumar [C] Arunabha Ghosh [D] Arvind Panagariya
28. Which Indian company has partnered with Canada’s largest payment organisation- ‘Payments Canada’?
[A] Infosys [B] Tata Consultancy Services (TCS) [C] Wipro [D] NPCI
29. The Blue Nile River, which was seen in the news, originates in which country?
[A] Ethiopia [B] Chile [C] Mexico [D] South Africa
30. Bucha, which was seen in the news, is a city, is located in which country?
[A] Russia [B] Ukraine [C] Sri Lanka [D] Afghanistan

QUANTITATIVE APTITUDE

31. 10 typists can type 600 pages in 8 hours. Find the average number of pages typed by each typist in an hour.
a) 7 pages b) 7.5 pages c) 8 pages d) 8.5 pages
32. If 30% of a certain number is 12.6, what is the number?
a) 42 b) 24 c) 23 d) 32
33. A sum of money amounts to 3300 in 2 years and Rs. 3600 in 5 years. What is the principal amount?
a) Rs. 2700 b) Rs. 2850 c) Rs. 2950 d) Rs. 3100
34. In a shower 10 cm of rain falls. What is the volume of water that falls on 1.5 hectares of ground?
a) 1500 m³ b) 1400 m³ c) 1200 m³ d) 1000 m³
35. After selling 140 apples a fruit seller earns a profit equal to S.P. of 20 apples. His profit percentage is:
a) 15.7% b) 16.7% c) 18.7% d) 20%

TEST OF REASONING

36. Look at this series: 31, 29, 24, 22, 17, ... What number should come next?
A.15 B.14 C.13 D.12
37. Which word does NOT belong with the others?
A.branch B.dirt C.leaf D.root
38. Pen is to poet as needle is to
A.thread B.button C.sewing D.tailor
39. ELFA, GLHA, ILJA, _____, MLNA
A.OLPA B.KLMA C.LLMA D.KLLA
40. A's son B is married with C whose sister D is married to E the brother of B. How D is related to A?
A.Sister B.Daughter's-in-law C.Sister-in-law D.Cousin

தமிழ்

41. கீழ்க்கண்டவற்றுள் தமிழ்ச் சொல்லைத் தேர்ந்தெடு.
அ)தபால் ஆ)காகிதம் இ)துணிவழலை ஈ)கடுதாசி
42. கீழ்க்கண்டவற்றுள் ஐந்திலக்கண நூல் எது?
அ)பிரபந்த மரபியல் ஆ)பிரபந்த தீபிகை இ)தொன்னூல் விளக்கம் ஈ)சந்திரலோகம்
43. கணினிக் கலைச்சொல் அகராதி எழுதியவர் யார்?
அ)மணவை முஸ்தபா ஆ)சுஜாதா இ)சா.பாஸ்கரன் ஈ)ஆண்டோ பீட்டர்
44. 'சிவானந்தர் சித்பவானந்தர்' இலக்கணக்குறிப்பு தருக
அ)பெயரெச்சம் ஆ)வினையாலணையின் பெயர் இ)எண்ணும்மை ஈ)உம்மைத்தொகை
45. முதல் செம்மொழி மாநாடு நடைபெற்ற இடம் எது?
அ)சிட்னி ஆ)நியூயார்க் இ)கோவை ஈ)தஞ்சை
46. பாரதிதாசன் பிறந்த ஆண்டு எது?
அ)1882 ஆ)1868 இ)1891 ஈ)1869
47. கீழ்க்கண்டவற்றுள் சினைப்பெயருக்கான சான்றைத் தேர்க.
அ)பூ ஆ)மனிதன் இ)மரம் ஈ)கட்டடம்
48. சாகித்ய அகாடமி விருது பெற்றவர் யார்?
அ)பா.ஆனந்தகுமார் ஆ)இளையராசா இ)பாரதியார் ஈ)தமிழ்ச்செல்வன்
49. பிசிராந்தையார் என்னும் நாடக நூலை எழுதியவர் யார்?
அ)ஆலந்தூர் கோ.மோகனரங்கன் ஆ)கனகசுப்புரத்தினம் இ)கண்ணதாசன் ஈ)திரு.வி.க
50. வாழ்க்கைத் துணை நலம் என்னும் நூலின் ஆசிரியர் யார்?
அ)வ.சுப.மாணிக்கம் ஆ)தமிழண்ணல் இ)தந்தை பெரியார் ஈ)வே.தி.செல்லம்

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

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

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

21. B The maiden edition of Indian Ocean Naval Symposium (IONS) Maritime Exercise 2022 (IMEX-22) was conducted at Goa and in Arabian Sea from 26 – 30 March 2022. The aim of the exercise was to enhance interoperability in Humanitarian Assistance and Disaster Relief (HADR) operations among member navies. The exercise witnessed participation of 16 out of the 25 member nations of IONS.

22. B The State Cabinet on Wednesday cleared the Karnataka Renewable Energy Policy (2022-27) that provides for developing the State as a hub of renewable energy generation as well as manufacturing of equipment related to renewable energy.

23. B Chief Minister Bipab kr Deb launched “Mukhyamantri Nibir Matsyachash Prakalpa” on Wednesday. In an one day workshop on Biofloc fish farming at Rabindra Bhavan CM launched this project.

24. A The 2022 World Autism Awareness Day observance The theme of inclusive education is intrinsically linked with the focus of last year's WAAD observance, “Inclusion in the Workplace”.

25. B Surat has become the first city in the country to get a processed steel slag (industrial waste) road built as part of a joint-venture project by the Council of Scientific and Industrial Research (CSIR), Central Road Research Institute (CRRI), Union Ministry of Steel, government think-tank NITI Ayog, and ArcelorMittal.

26. B Which state implements the 'Mukhya Mantri Bagwani Bima Yojana'? Notes: Haryana Agriculture Minister launched the portal of 'Mukhya Mantri Bagwani Bima Yojana.' Under this scheme, farmers will be compensated for the damage caused to their crops due to natural calamities.

27. C United Nations Secretary-General, Antonio Guterres appointed Arunabha Ghosh (India) to a High-Level Expert Group on the Net-Zero Emissions Commitments of Non-State Entities. Arunabha Ghosh is the CEO of the Council on Energy, Environment and Water (CEEW), a climate and energy think tank.

28. B Tata Consultancy Services (TCS) said on Monday that it has entered into a partnership with Canada's largest payment organisation, Payments Canada, to transform its payment system operations and help in the implementation of the Real-Time Rail (RTR).

29. A Tata Consultancy Services (TCS) said on Monday that it has entered into a partnership with Canada's largest payment organisation, Payments Canada, to transform its payment system operations and help in the implementation of the Real-Time Rail (RTR).

30. B More than 300 bodies have been found in a Kyiv suburb called Bucha, some with their hands bound, flesh burned, and shot in the back of the head. The discoveries have drawn comparisons with the killings of civilians in this area during World War II.

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

31. B Total pages typed by 10 typists in 8 hours = 600

Pages typed by one typist in 8 hours = $600/10 = 60$ pages

Pages typed by one typist in one hour = $60/8 = 7.5$ pages

32. A Let the required number be x. So, according to the question: $(30 / 100) x = 12.6$

$x = (12.6 * 100) / 30 = 42$

33. D After two years the amount is Rs. 3300 and in the next three years it becomes Rs. 3600.

Therefore, S.I for three years = $3600 - 3300 = 300$ S.I for one year = $300/(3) = 100$

S.I for two years = $100 * 2 = 200$ Principal = $3300 - 200 = \text{Rs. } 3100$

34. A 1 hectare = $10,000 \text{ m}^2$ 1.5 hectare = $1.5 \times 10 \times 1000 = 15,000 \text{ m}^2$

Depth = 10 cm of rainfall = $10/100$ \therefore Volume of water = Area * Depth $15,000 \times 10/100 = 1500 \text{ m}^3$

35. B Let selling price of 140 apples be Rs. 140 Profit = selling price of 20 apples = Rs. 20

C.P. = S.P. – Profit = $140 - 20 = 120$, Profit percent = $\text{Profit} / \text{Cost price} \times 100 = 20/120 \times 100 = 16.7\%$

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

36. A This is a simple alternating subtraction series, which subtracts 2, then 5.

37. B A branch, leaf, and root are all parts of a tree. The dirt underneath is not a part of the tree.

38. D A pen is a tool used by a poet. A needle is a tool used by a tailor. The answer is not choice a, b, or c because none is a person and therefore cannot complete the analogy.

39. D The second and forth letters in the series, L and A, are static. The first and third letters consist of an alphabetical order beginning with the letter E.

40. B Since E is the brother of B, Therefore, A is the father of E, but D is the wife of E. Hence, D is the daughter-in-law of A.

தமிழ் : 41.இதுதுணிவழலை 42.இதொன்னூல் விளக்கம் 43.ஈ)ஆண்டோ பீட்டர் 44.ஈ)உம்மைத்தொகை

45.இ)கோவை 46.இ)1891 47.அ)பு 48.அ)பா.ஆனந்தகுமார் 49.ஆ)கனகசுப்புரத்தினம்

50.இ)தந்தை பெரியார்