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Infantry Road- Ballari

Inter School Competition in General Knowledge

Grade: 8

Model Question Paper

Marks: 50

Choose the correct answer: -

1. Solve for x: $(2x-3)/5 = 3$
(A) 10 (B) 9 (C) 8 (D) 7 Ans: (B) 9
2. Find the square root of 1024.
(A) 34 (B) 30 (C) 36 (D) 32 Ans: (D) 32
3. Find the cube root of 2744.
(A) 12 (B) 16 (C) 18 (D) 14 Ans: (D) 14
4. Using the identity $(a+b)^2$, find the value when $a=5$, $b=3$.
(A) 81 (B) 64 (C) 56 (D) 49 Ans: (B) 64
5. Find the compound interest on ₹10,000 for 2 years at 10% per annum.
(A) ₹2,100 (B) ₹2,000 (C) ₹2,200 (D) ₹1,900 Ans: (A) ₹2,100
6. Simplify: $(-3)^4 \times (-3)^{-2}$
(A) -9 (B) 27 (C) 9 (D) 81 Ans: (C) 9
7. Find the area of a trapezium with parallel sides 12 cm and 8 cm and height 5 cm.
(A) 45 cm^2 (B) 50 cm^2 (C) 40 cm^2 (D) 60 cm^2 Ans: (B) 50 cm^2
8. If 3 men complete a work in 8 days, how many days will 4 men take?
(A) 7 days (B) 5 days (C) 8 days (D) 6 days Ans: (D) 6 days
9. Solve for x: $5(x-2) = 3x + 4$
(A) $x = 8$ (B) $x = 9$ (C) $x = 7$ (D) $x = 6$ Ans: (C) $x = 7$
10. An item marked at ₹1200 is sold at a 10% discount. Find the selling price.
(A) ₹1,080 (B) ₹1,100 (C) ₹1,000 (D) ₹1,120 Ans: (A) ₹1,080
11. Crops grown in the rainy season are called:
(A) Kharif crops (B) Rabi crops (C) Zaid crops (D) Cash crops Ans: (A) Kharif crops
12. Which microorganism is used in the formation of curd?
(A) E.coli (B) A virus (C) Lactobacillus (D) Plasmodium Ans: (C) Lactobacillus
13. Which of these is an example of a metal?
(A) Sulphur (B) Oxygen (C) Chlorine (D) Iron Ans: (D) Iron
14. Which of these is an example of a fossil fuel?
(A) Solar energy (B) Coal (C) Wood (D) Biogas Ans: (B) Coal
15. What is required for combustion to take place?
(A) Only oxygen (B) Water and fuel (C) Fuel, oxygen, and heat (D) Only fuel
Ans: (C) Fuel, oxygen, and heat
16. Friction can be increased by:
(A) Making the surface rough (B) Applying oil (C) Polishing the surface (D) Using ball bearings
Ans: (A) Making the surface rough
17. What is the basic structural and functional unit of life?
(A) Atom (B) Cell (C) Tissue (D) Organ Ans: (B) Cell
18. The pitch of a sound depends mainly on its:
(A) Amplitude (B) Speed (C) Wavelength alone (D) Frequency Ans: (D) Frequency
19. The process of depositing a layer of one metal on another using electricity is called:
(A) Electrolysis (B) Corrosion (C) Galvanizing (D) Electroplating
Ans: (D) Electroplating
20. The greenhouse effect is mainly caused by:
(A) Deforestation only (B) Trapping of heat by gases like CO_2 in the atmosphere
(C) Ozone depletion (D) Acid rain
Ans: (B) Trapping of heat by gases like CO_2 in the atmosphere

21. Change into passive voice: "They have completed the project."

- (A) The project has been completed by them. (B) The project completed by them.
(C) The project is completed by them. (D) The project was completed them.

Ans: A) The project has been completed by them.

22. Change into indirect speech: She said, "I will call you tomorrow."

- (A) She said that she calls tomorrow. (B) She told I will call you tomorrow.
(C) She said that she would call me the next day. (D) She said she will call you tomorrow.

Ans: C) She said that she would call me the next day.

23. Identify the clause "Although he was tired" in: "Although he was tired, he finished the race."

- (A) Relative clause (B) Subordinate (adverbial) clause (C) Main clause (D) Noun clause

Ans: (B) Subordinate (adverbial) clause

24. "Neither of the answers ___ correct."

- (A) are (B) were (C) be (D) is

Ans: (D) is

25. "If I ___ you, I would apologize."

- (A) am (B) be (C) were (D) was

Ans: (C) were

26. "This is the house ___ I was born."

- (A) where (B) which (C) who (D) whom

Ans: (A) where

27. Change into active voice: "The letter was written by Rahul."

- (A) Rahul wrote the letter. (B) Rahul writes the letter. (C) Rahul has written letter. (D) Letter wrote Rahul.

Ans: (A) Rahul wrote the letter.

28. "He insisted on ___ alone."

- (A) gone (B) goes (C) going (D) go

Ans: C) going

29. Choose the correct sentence.

- (A) Each of the students have submitted their assignment. (B) Each of the student has submit assignment.
(C) Each student have submitted assignment. (D) Each of the students has submitted his assignment.

Ans: (D) Each of the students has submitted his assignment.

30. Rewrite in indirect speech: He said, "What a lovely day!"

- (A) He exclaimed that day is lovely. (B) He exclaimed with joy that it was a lovely day.
(C) He said what a lovely day. (D) He asked if it was a lovely day.

Ans: (B) He exclaimed with joy that it was a lovely day.

31. ಇವುಗಳಲ್ಲಿ ಸಮಾಸದ ವಿಧ ಯಾವುದು?

- (A) ಅಗಮ ಸಂಧಿ (B) ಲೋಪ ಸಂಧಿ (C) ದ್ವಂದ್ವ ಸಮಾಸ (D) ಸ್ವರ ಸಂಧಿ

Ans: (C) ದ್ವಂದ್ವ ಸಮಾಸ

32. "ಕೈಕಾಲು" ಪದ ಯಾವ ಸಮಾಸಕ್ಕೆ ಸೇರಿದೆ?

- (A) ದ್ವಂದ್ವ ಸಮಾಸ (B) ತತ್ಪುರುಷ ಸಮಾಸ (C) ದ್ವಿಗು ಸಮಾಸ (D) ಬಹುವ್ರೀಹಿ ಸಮಾಸ

Ans: (A) ದ್ವಂದ್ವ ಸಮಾಸ

33. ಛಂದಸ್ಸು ಎಂದರೆ ಏನು?

- (A) ಅಲಂಕಾರದ ವಿಧ (B) ಅಕ್ಷರ/ಮಾತೃಗಳ ನಿಯಮಬದ್ಧ ಜೋಡಣೆ (C) ಪದಗಳ ಸಂಧಿ (D) ವಾಕ್ಯ ರಚನೆ

Ans: (B) ಅಕ್ಷರ/ಮಾತೃಗಳ ನಿಯಮಬದ್ಧ ಜೋಡಣೆ

34. "ಮ" ಪದ ಯಾವ ಸಮಾಸ?

- (A) ದ್ವಂದ್ವ ಸಮಾಸ (B) ದ್ವಿಗು ಸಮಾಸ (C) ತತ್ಪುರುಷ ಸಮಾಸ (D) ಬಹುವ್ರೀಹಿ ಸಮಾಸ

Ans: (D) ಬಹುವ್ರೀಹಿ ಸಮಾಸ

35. ರೂಪಕಾಲಂಕಾರಕ್ಕೆ ಸರಿಯಾದ ಉದಾಹರಣೆ ಯಾವುದು?

- (A) ಮುಖ ಚಂದ್ರನಂತೆ ಸುಂದರ (B) ಕೈಕಾಲು (C) ರಾಜಮನೆ (D) ಮುಖಚಂದ್ರ

Ans: (D) ಮುಖಚಂದ್ರ

36. ಮಾತ್ರಾ ಗಣ ಯಾವುದರ ಆಧಾರದ ಮೇಲೆ ವಿಭಜನೆಯಾಗುತ್ತದೆ?

- (A) ಸಂಧಿಯ ವಿಧ (B) ಲಘು-ಗುರು (C) ಅಕ್ಷರ ಸಂಖ್ಯೆ (D) ಪದ ಸಂಖ್ಯೆ

Ans: (B) ಲಘು-ಗುರು

37. ದ್ವಿಗು ಸಮಾಸಕ್ಕೆ ಸರಿಯಾದ ಉದಾಹರಣೆ ಯಾವುದು?

- (A) ತ್ರಿಭುವನ (B) ಕೈಕಾಲು (C) ಮುಕ್ಕಣ್ಣು (D) ಪೀತಾಂಬರ

Ans: (A) ತ್ರಿಭುವನ

38. "ಮುಕ್ತಾಂಗ" ಪದ ಯಾರನ್ನು ಸೂಚಿಸುತ್ತದೆ?

- (A) ಬ್ರಹ್ಮ (B) ಕೃಷ್ಣ (C) ಶಿವ (D) ವಿಷ್ಣು

Ans: (C) ಶಿವ

39. ಅನುಪ್ರಾಸಾಲಂಕಾರ ಎಂದರೆ ಏನು?

- (A) ಪ್ರಶ್ನೆ ರೂಪದ ವಾಕ್ಯ (B) ಒಂದೇ ವ್ಯಂಜನ ಪದೇ ಪದೇ ಬರುವಂತೆ ರಚಿಸುವುದು
(C) ಎರಡು ವಸ್ತುಗಳ ಹೋಲಿಕೆ (D) ಒಂದೇ ಎಂದು ವರ್ಣಿಸುವುದು

Ans: (B) ಒಂದೇ ವ್ಯಂಜನ ಪದೇ ಪದೇ ಬರುವಂತೆ ರಚಿಸುವುದು

40. ಬಹುಪ್ರೀತಿ ಸಮಾಸಕ್ಕೆ ಸರಿಯಾದ ಉದಾಹರಣೆ ಯಾವುದು?

- (A) ತ್ರಿಭುವನ (B) ಅಣ್ಣ-ತಮ್ಮ (C) ರಾಜಮನೆ (D) ಪೀತಾಂಬರ

Ans: (D) ಪೀತಾಂಬರ

41. Who is known as the "Iron Man of India"?

- (A) Jawaharlal Nehru (B) Subhas Chandra Bose (C) Sardar Vallabhbhai Patel (D) Mahatma Gandhi

Ans: (C) Sardar Vallabhbhai Patel

42. In which year was the United Nations established?

- (A) 1945 (B) 1947 (C) 1950 (D) 1939

Ans: (A) 1945

43. Which Indian state has the longest coastline?

- (A) Gujarat (B) Kerala (C) Tamil Nadu (D) Odisha

Ans: (A) Gujarat

44. Who proposed the theory of relativity?

- (A) Galileo Galilei (B) Stephen Hawking (C) Albert Einstein (D) Sir Isaac Newton

Ans: (C) Albert Einstein

45. Which is the largest democracy in the world?

- (A) USA (B) China (C) Russia (D) India

Ans: (D) India

46. Name the first Indian satellite launched into space.

- (A) Chandrayaan (B) Aryabhata (C) Bhaskara (D) INSAT-1

Ans: (B) Aryabhata

47. Who was the first President of the United States?

- (A) Thomas Jefferson (B) John Adams (C) George Washington (D) Abraham Lincoln

Ans: (C) George Washington

48. Which organization governs international football?

- (A) FIFA (B) IOC (C) ICC (D) UEFA

Ans: (A) FIFA

49. Which country hosted the Tokyo Olympics?

- (A) Brazil (B) Japan (C) South Korea (D) China

Ans: (B) Japan

50. Who was the first woman to become President of India?

- (A) Indira Gandhi (B) Sonia Gandhi (C) Droupadi Murmu (D) Pratibha Patil

Ans: (D) Pratibha Patil