

**2024**  
**ANNUAL COMPETITION**  
**CLASS-VII**  
**Time Allowed: 2(Two) hours**

**INSTRUCTIONS:**

*This booklet contains 60 questions. Each question comprises four possible answers. Select ONLY ONE answer which you consider the best and mark it on the answer sheet. All questions carry equal marks.*

1. Fill in the blank.

*She could not call \_\_\_\_\_ my name.*

- |        |          |
|--------|----------|
| (A) on | (B) over |
| (C) up | (D) for  |

2. Choose the correct statement.

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| (A) She is good in mathematics. | (B) She is good with mathematics. |
| (C) She is good on mathematics. | (D) She is good at mathematics..  |

3. Change the sentence to *Interrogative*.

*He has been living here for years.*

- |                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| (A) Has he been living here for years?  | (B) Have he been living here for years?   |
| (C) Does he been living here for years? | (D) Hasn't he been living here for years? |

4. Identify the Tense

*We will have shown the photo before she leaves.*

- |                                     |                           |
|-------------------------------------|---------------------------|
| (A) Past perfect tense              | (B) future perfect tense  |
| (C) future perfect continuous tense | (D) present perfect tense |

5. Change from *active voice* to *passive voice*.

*They can do the work.*

- |                                            |                                   |
|--------------------------------------------|-----------------------------------|
| (A) The work could be done by them.        | (B) The work can be done by them. |
| (C) The work could have been done by them. | (D) The work will be done.        |

6. Fill in the blank  
*I \_\_\_\_\_ on the project for the last two years.*  
(A) am working (B) hadworked  
(C) have been working (D) had been working
7. Choose the correct statement  
(A) As she was tired she lay down to rest (B) As she was tired she lie down  
(C) As she was tired she lays down to rest. (D) As she was tired she lies down to rest.
8. Convert the following sentence into an affirmative sentence.  
*Can I ever forget you?*  
(A) You will never be forgotten. (B) I could not forget you.  
(C) I will not forget you. (D) can never forget you.
9. Find out the correct sentence among the following  
(A) He prefers to walk than to ride. (B) He prefers walking to riding.  
(C) He prefers walking to riding. (D) He prefers walking than to ride.
10. Choose the most appropriate word to fill in the blank  
*I will \_\_\_\_\_ his trust.*  
(A) get (B) gain  
(C) obtain (D) win

*(Read the following passage and answer questions 11 to 15)*

A Dog and a Cock, who were the best of friends, wished very much to see something of the world. So they decided to leave the farmyard and to set out into the world along the road that led to the woods. The two comrades travelled along in the very best of spirits and without meeting any adventure to speak of. At nightfall the Cock, looking for a place to roost, as was his custom, spied nearby a hollow tree that he thought would do very nicely for a night's lodging. The Dog could creep inside and the Cock would a hollow tree that he thought would do very nicely for a night's lodging. The Dog could creep inside and the Cock would fly up on one of the branches. So said, so done, and both slept very comfortably.

With the first glimmer of dawn the Cock awoke. For the moment he forgot just where he was. He thought he was still in the farmyard where it had been

his duty to arouse the household at daybreak. So standing on tip-toes he flapped his wings and crowed lustily. But instead of awakening the farmer, he awakened a Fox not far off in the wood. The Fox immediately had rosy visions of a very delicious breakfast. Hurrying to the tree where the Cock was roosting, he said very politely: "A hearty welcome to our woods, honored sir. I cannot tell you how glad I am to see you here. I am quite sure we shall become the closest of friends." "I feel highly flattered, kind sir," replied the Cock slyly. "If you will please go around to the door of my house at the foot of the tree, my porter will let you in." The hungry but unsuspecting Fox, went around the tree as he was told, and in a twinkling the Dog had seized him.

11. Where did the Cock reside for the night?  
(A) a sty (B) on the tree trunk  
(C) in a kennel (D) in a hollow tree
12. What is the custom of a Cock?  
(A) to lay eggs (B) to roost  
(C) to coo (D) to bark
13. What is the duty of the Cock?  
(A) to wake the farmer (B) to wake the fox  
(C) to lay eggs (D) to arouse the dog
14. Pick a similar word for cunning from the passage:  
(A) rosy (B) hearty  
(C) sly (D) creep
15. Pick a similar word for brotherhood from the passage:  
(A) friend (B) closest  
(C) honor (D) comrade
16. The gas used from the atmosphere during the process of photosynthesis is..  
(A) Hydrogen (B) Nitrogen  
(C) Carbon dioxide (D) Oxygen
17. The acid secreted in the stomach is..  
(A) Hydrochloric (B) Sulphuric  
(C) Phosphoric (D) Nitric
18. A thermometer which do not use mercury is known as

- (A) clinical thermometer                      (B) Laboratory  
(C) digital thermometer                      (D) battery thermometer
19. Heat from the sun reaches us by the process of  
(A) conduction                      (B) radiation  
(C) convection                      (D) transmission
20. Distilled water is  
(A) acidic                      (B) basic  
(C) neutral                      (D) semi-acid
21. When we leave a piece of iron in the open for some time, it acquires a film brownish substance. The substance is known as  
(A) plaster                      (B) ore  
(C) dust                      (D) rust
22. The amount of heat produced in a wire depends on  
(A) material                      (B) length  
(C) thickness                      (D) all of these
23. Image formed by a plane mirror is  
(A) virtual and erect                      (B) real and erect  
(C) virtual and inverted                      (D) real and inverted.
24. If an object is placed at a distance of 1.5 m in front of a plane mirror, the distance between the object and its image formed by the mirror is  
(A) 1.5m                      (B) 3m  
(C) 6m                      (D) 4.5m
25. Which of the followings is not involved in the water cycle?  
(A) rainwater harvesting                      (B) evaporation  
(C) formation of cloud                      (D) condensation
26. Sometimes when we do heavy exercise, anaerobic respiration takes place in our muscle cells. What is produced during this process?  
(A) alcohol and lactic acid                      (B) alcohol and CO<sub>2</sub>  
(C) lactic acid and CO<sub>2</sub>                      (D) lactic acid only
27. During the process of exhalation, the ribs move...  
(A) down and inwards                      (B) up and inwards

- (C) down and outwards (D) up and outwards
28. What is the function of WBCs?  
 (A) Transport of oxygen (B) fight against germs  
 (C) Involved in blood clotting (D) All of these
29. Which of the following is the main circulatory fluid in our body ?  
 (A) plasma (B) lymph  
 (C) blood (D) none of these
30. The muscular tube through which stored urine is passed out of the body is called:  
 (A) kidney (B) ureter  
 (C) urethra (D) urinary bladder
31. For a non-zero integer  $a$ , which of the following is not defined?  
 (A)  $0 \div a$  (B)  $a \div 0$   
 (C)  $1 \div a$  (D)  $a \div 1$
32.  $a$  and  $b$  are two integers, then which of the following may not be an integer?  
 (A)  $a + b$  (B)  $a - b$   
 (C)  $a \times b$  (D)  $a \div b$
33.  $\frac{2}{5} \times 5\frac{1}{5}$  is equal to  
 (A)  $\frac{26}{25}$  (B)  $\frac{52}{25}$   
 (C)  $\frac{2}{5}$  (D) 6
34. The product of  $\frac{11}{13}$  and 4 is  
 (A)  $3\frac{5}{13}$  (B)  $5\frac{3}{13}$   
 (C)  $13\frac{3}{5}$  (D)  $13\frac{5}{3}$
35. The product of  $0.03 \times 0.9$  is  
 (A) 2.7 (B) 0.27  
 (C) 0.027 (D) 0.0027
36. The number that should be added to 48.73 to obtain 61.5 is?  
 (A) P110.23 (B) 12.77

- (C) 12.32 (D) 109.78
37. The mean of first eight whole number is  
(A) 4.5 (B) 4  
(C) 3.5 (D) 3
38. The median of the data: 3, 4, 5, 6, 7, 3, 4 is  
(A) 3 (B) 6  
(C) 5 (D) 4
39. The measure of each angle of an equilateral triangle is  
(A)  $30^\circ$  (B)  $45^\circ$   
(C)  $90^\circ$  (D)  $60^\circ$
40. The equation having 5 as a solution is  
(A)  $4x + 1 = 2$  (B)  $3 - x = 8$   
(C)  $x - 5 = 3$  (D)  $3 + x = 8$
41. The solution of the equation  $ax + b = 0$  is  
(A)  $\frac{a}{b}$  (B)  $\frac{b}{a}$   
(C)  $-\frac{b}{a}$  (D)  $b$
42. A girl is 28 years younger than her father. The sum of their ages is 50 years. Then the age of the girl is  
(A) 28 (B) 11  
(C) 39 (D) 22
43. Which of the following pair of angles are supplementary?  
(A)  $48^\circ, 42^\circ$  (B)  $60^\circ, 60^\circ$   
(C)  $75^\circ, 105^\circ$  (D)  $45^\circ, 45^\circ$
44. If two lines are intersected by a transversal, then the number of pairs of interior angles on the same side of transversal is  
(A) 1 (B) 2  
(C) 3 (D) 4
45. Angles which are both supplementary and vertically opposite are  
(A)  $100^\circ, 80^\circ$  (B)  $45^\circ, 45^\circ$   
(C)  $95^\circ, 85^\circ$  (D)  $90^\circ, 90^\circ$

46. How many altitudes does a triangle have?  
(A) 1 (B) 6  
(C) 3 (D) 9
47. Which of following is incorrect for a triangle?  
(A) Angle sum of triangle is  $180^\circ$ . (B) A triangle has only one diagonal.  
(C) Exterior angle = sum of interior opposite angles (D) A triangle has three medians.
48. Two angles of a triangle measure  $80^\circ$  and  $40^\circ$ . The measure of the third angle is  
(A)  $90^\circ$  (B)  $30^\circ$   
(C)  $60^\circ$  (D)  $120^\circ$
49. The ratio of two numbers is 7:3 and their difference is 28. Find the larger number.  
(A) 49 (B) 21  
(C) 42 (D) 48
50. In a class the ratio of the number of boys and girls is 4:5. If the number of girls is 20, the number of boys will be  
(A) 18 (B) 15  
(C) 14 (D) 16
51. The area of a square garden is  $196 \text{ m}^2$ , what will be its perimeter?  
(A) 56m (B) 40m  
(C) 60m (D) 50m
52. If the area of a rectangle whose length is 6 m is  $30 \text{ m}^2$ , its breadth is  
(A) 6m (B) 5m  
(C) 24m (D) 180m
53. The ratio of the sides of a rectangle is 5:3 and its perimeter is 64 cm. The area of the rectangle is  
(A)  $256 \text{ cm}^2$  (B)  $306 \text{ cm}^2$   
(C)  $240 \text{ cm}^2$  (D)  $612 \text{ cm}^2$
54. How many prime numbers are there between 80 and 100?  
(A) 6 (B) 7

- (C) 8 (D) 3
55. What least number must be subtracted from 543 to get a number exactly divisible by 8?
- (A) 9 (B) 1  
(C) 7 (D) 5
56. Kaiku got 7 marks less than Bala while Gokul got 3 marks more than Kaiku. If the total marks obtained by all three is 76. Find the marks obtained by Gokul.
- (A) 22 (B) 25  
(C) 29 (D) 31
57. The sum of two numbers is 234560. If one number is more than the other number by ten thousand ten. Find the greatest number.
- (A) 112275 (B) 112272  
(C) 132285 (D) 117280
58. In a well water level was 18 m below. Due to rains water level increased by 3.5 m. What is the water level in the well now?
- (A) 21.5 m (B) 15.6 m  
(C) 3.5 m (D) 14.5 m
59. The difference between the LCM and HCF of the numbers 30, 36 and 90 is
- (A) 366 (B) 174  
(C) 186 (D) 354
60. 28 men can complete a piece of work in 21 days. How many more men must be hired to complete the work in 14 days?
- (A) 8 (B) 10  
(C) 14 (D) 18