

**QUESTION PAPER (PHASE - I)**

M.M:60

**CLASS - VI**

Time: 60 Minutes

**ENGLISH (15)**

**Direction (Q1 to Q4) Choose the most appropriate option:**

**Q1. What is the feminine gender of 'Priest'?**

- (a) priestess                      (b) female priest                      (c) she-priest                      (d) peeress

**Q2. Pick the odd one out.**

- (a) honesty                      (b) beauty                      (c) gold                      (d) love

**Q3. The fishermen were very helpful. We personally thanked \_\_\_\_\_.**

- (a) him                      (b) they                      (c) those                      (d) them

**Q4. Have you ever met Seema? She is a friend of \_\_\_\_\_.**

- (a) our                      (b) mine                      (c) her                      (d) your

**Direction (Q5 & Q6) Choose the type of underlined adjective.**

**Q5. "We should take an easy route to reach our destination."**

- (a) Adjective of quality                      (b) Adjective of quantity  
(c) Possessive adjective                      (d) Adjective of number

**Q6. It grew \_\_\_\_\_ and \_\_\_\_\_.**

- (a) hot, hotter                      (b) hotter, more hotter                      (c) hotter, hotter                      (d) hotter, hottest

**Direction (Q7 & Q8) Choose the correct verb.**

**Q7. I'm in France now. We \_\_\_\_\_ here yesterday.**

- (a) have arrived                      (b) had arrived                      (c) arrived                      (d) arrive

**Q8. I had to have a break. I \_\_\_\_\_ so long.**

- (a) was driving                      (b) drove                      (c) had been driving                      (d) have drove

**Direction (Q9 to Q11) Choose the correct preposition.**

**Q9. She came fast and got \_\_\_\_\_ the car.**

- (a) in                      (b) into                      (c) on                      (d) upon

**Q10. My friend died \_\_\_\_\_ the age of 45.**

- (a) in (b) of (c) to (d) at

**Q11. India is rich \_\_\_\_\_ natural resources.**

- (a) in (b) at (c) with (d) for

**Direction (Q12) Choose the correct option.**

**Q12. Seema was having her lunch \_\_\_\_\_ the light went off.**

- (a) while (b) if (c) yet (d) when

**Identify the underlined part of speech of the following sentence:**

**Q13. I have almost finished the project.**

- (a) adjective (b) adverb (c) conjunction (d) verb

**Choose the correct Indirect speech (Q14 & Q15)**

**Q14. He said, "I had been working for my future, my friends and myself."**

- (a) He said that he had been working for my future, my friends and myself.  
(b) He told that he had been working for his future, his friends and himself.  
(c) He said that he had been working for his future, his friends and himself.  
(d) He said that he has been working for his future, his friends and himself.

**Q15. Alice said, "How clever I am!"**

- (a) Alice exclaimed with sorrow that she was very clever.  
(b) Alice exclaimed with joy that she was very clever.  
(c) Alice exclaimed to be very clever.  
(d) Alice exclaimed that she was very clever.

## **MATHS (15)**

**Q16. If  $\frac{r}{3} = \frac{s}{4} = \frac{t}{6}$ , then  $[\frac{r+s+t}{(s-r)}]$  =**

- (a) 6 (b) 13 (c) 10 (d) none of these

**Q17. Mean of last six prime numbers between "1 – 100" is \_\_\_\_\_.**

- (a) 82 (b) 80 (c) 92 (d) 80.50

**Q18. J takes  $3\frac{1}{6}$  minutes to walk across the playground. R takes  $\frac{11}{8}$  minutes to do the same. Who takes less time and by what fraction?**

- (a) J,  $\frac{43}{24}$  min (b) R,  $\frac{43}{24}$  min (c) R,  $\frac{34}{42}$  min (d) J,  $\frac{34}{42}$  min

**Q19. Read the given information and answer the question.**

**Question: A school canteen charges ₹ 60 for lunch and ₹ 20 for milk for each day. How much money do you spend in 4 days on these things? Teacher provides a hint for above question.**

**Hint: Find the total amount for one day. Then multiply it by 4.**

**Which property should student use to solve the above question?**

- (a) Commutativity of Addition and Multiplication.      (b) Associativity of Addition and Multiplication.  
(c) Distributivity of Multiplication over Addition.      (d) None of these

**Q20. The temperature at 12 noon was  $18^{\circ}\text{C}$  above zero. If it decreases at the rate of  $1.5^{\circ}\text{C}$  per hour until midnight, at what time would the temperature be  $4.5^{\circ}\text{C}$  above zero?**

- (a) 9 pm                      (b) 10 pm                      (c) 11 pm                      (d) none of these

**Q21. Riyansh was putting covers on his note books. He put one fourth of the covers on Monday. He put one eighth on Tuesday. He put one twelfth on Wednesday and the remaining on Thursday. What fraction of the covers did he put on Thursday?**

- (a)  $\frac{11}{42}$                       (b)  $\frac{13}{42}$                       (c)  $\frac{11}{24}$                       (d)  $\frac{13}{24}$

**Q22. Which of the following statements is/are correct?**

- (i) If a number is divisible by another number, then it is divisible by each of the factors of that number.  
(ii) If a number is divisible by two co-prime numbers, then it is not divisible by their product.  
(iii) If two given numbers are divisible by a number, then their sum is also divisible by that number.  
(iv) If two given numbers are divisible by a number, then their difference is not divisible by that number.

- (a) (i) and (iv)                      (b) (ii) and (iv)                      (c) (ii) and (iii)                      (d) (i) and (iii)

**Q23. A rectangular sheet of paper is  $12\frac{1}{2}$  cm long and  $10\frac{2}{3}$  cm wide. Its area is:**

- (a)  $\frac{1}{75}$  m<sup>2</sup>                      (b)  $133\frac{1}{3}$  cm<sup>2</sup>                      (c) both (a) and (b)                      (d) none of these

**Q24. The weight of 72 identical books is 12 kg. The weight of 42 such books is:**

- (a) 5 kg                      (b) 7 kg                      (c) 6 kg                      (d) 8 kg

**Q25. Read the given passage and complete the blanks respectively:**

A region in the interior of a circle enclosed by an arc on one side and a pair of radii on the other two sides is called a \_\_\_\_\_. A region in the interior of a circle enclosed by a chord and an arc is called a \_\_\_\_\_.

- (a) sector, segment                      (b) segment, sector                      (c) chord, sector                      (d) chord, segment

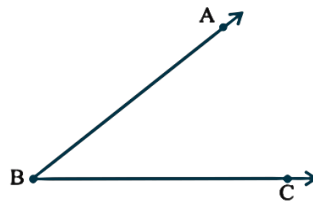
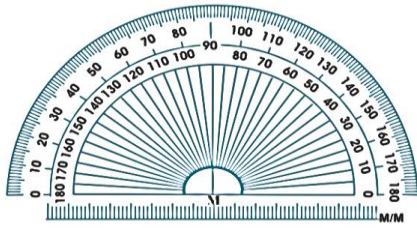
**Q26. A square of side 2 cm is cut from all four corners of a rectangle of dimensions 8 cm × 5 cm. Find the perimeter of remaining part of the rectangle.**

- (a) 22 cm                      (b) 26 cm                      (c) 20 cm                      (d) 24 cm

**Q27. If ₹ 782 is to be divided into three parts, proportional to 2:3:5 then the third part is**

- (a) ₹ 182                      (b) ₹ 190                      (c) ₹ 361                      (d) ₹ 391

**Q28. Read the instructions carefully and find the correct sequence for measuring an angle ABC using the Protractor.**



- (i) Adjust the protractor so that BC is along the straight-edge of the protractor.
- (ii) There are two ‘scales’ on the protractor: read that scale which has the 0° mark coinciding with the straight-edge (i.e. with ray BC).
- (iii) Place the protractor so that the mid point (M in the figure) of its straight edge lies on the vertex B of the angle.
- (iv) The mark shown by BA on the curved edge gives the degree measure of the angle.

(a) (i), (ii), (iii), (iv)

(b) (ii), (i), (iii), (iv)

(c) (iii), (ii), (i), (iv)

(d) (iii), (i), (ii), (iv)

**Q29. A rectangle of side lengths 5 cm and 18 cm is to be divided into one rectangle (R) and three squares (S). Squares have equal areas, then the side length of square (S) and area of rectangle (R) is \_\_\_\_\_, \_\_\_\_\_ respectively.**

(a) 5 cm, 15 cm<sup>2</sup>

(b) 4 cm, 15 cm<sup>2</sup>

(c) 5 cm, 15 cm

(d) none of these

**Q30. A quadrilateral in which a pair of sides is parallel is known as \_\_\_\_\_.**

(a) Trapezium

(b) Square

(c) Rectangle

(d) Rhombus

## **SCIENCE (15)**

### **PHYSICS (5)**

**Q31. Which of the following does not form sharp shadows?**

(a) Sun

(b) A fluorescent tube-light

(c) A candle

(d) An electric bulb

**Q32. What happens when you connect the two terminals of a battery directly with a wire?**

(a) The bulb will light up

(b) The battery will last longer

(c) The battery will short-circuit

(d) The circuit will break

**Q33. Which of the following statements about magnetic fields is true?**

(a) Magnetic fields can be seen with the naked eye.

(b) Magnetic fields are strongest at the center of a magnet.

(c) Magnetic fields are strongest at the poles of a magnet.

(d) Magnetic fields cannot pass through any material.

**Q34. A piece of ribbon folded 5 times is placed along 30 cm long measuring scale as it coincides with 3 cm to 27.5 cm on measuring scale. The length of the ribbon is between.**

- (a) 1.15 m – 1.25 m (b) 1.25 m – 1.35 m  
(c) 1.50 m – 1.60 m (d) 1.60 m – 1.70 m

**Q35. Which of the following is not correct?**

- (a) An electric cell is a device which produces a small amount of electricity.  
(b) When the chemicals in electric cell are used up, the electric cell does not stops producing electricity.  
(c) The electric cell which we use in torch, etc., is commonly known as “dry cell” or “just cell”.  
(d) The electric cell produces electricity from the chemicals stored inside it.

### **CHEMISTRY (5)**

**Q36. \_\_\_\_\_ is a non-metal that exists in liquid state.**

- (a) Sodium (b) Potassium (c) Mercury (d) Bromine

**Q37. Separation of water and alcohol is based on**

- (a) difference in boiling point (b) similarity in boiling point  
(c) difference in melting point (d) similarity in melting point

**Q38. The lighting of display boards is due to**

- (a) Argon (b) Neon (c) Helium (d) Krypton

**Q39. Which method is used to separate two solids of different solubility in a particular solvent?**

- (a) Dissolution (b) Filtration  
(c) Evaporation (d) Fractional crystallization

**Q40. Which of the following properties is common to all matter?**

- (a) Definite volume (b) Definite mass  
(c) Definite mass and volume (d) No definite mass and volume

### **BIOLOGY (5)**

**Q41. The full form of PCM is**

- (a) Physical calorie malnutrition (b) Protein case malnutrition  
(c) Protein calorie malnutrition (d) Protein calorie metabolism

**Q42. Which of the following plant grows well in partially shady areas?**

- (a) Gulmohar (b) Money plant (c) Lily (d) Lotus

**Q43. Which of the following is female reproductive organ of a flower?**

- (a) Corolla (b) Calyx (c) Carpel (d) Stamens

**Q44. Bones are joined together by strong fibrous connective tissues called \_\_\_\_\_.**

- (a) ligaments (b) tendons (c) cartilage (d) vertebrae

**Q45. If a plant has parallel venation, what type of root system it is likely to have?**

- (a) Tap root (b) Fibrous root  
(c) No such relation can be observed (d) Both Tap root and Fibrous root

### **REASONING (15)**

**Q46. 3, 8, 35, 48, ?, 120**

- (a) 64 (b) 72 (c) 80 (d) 99

**Q47. Some translated words in an artificial language (in which the word order is not necessarily same) are given below:**

<b>mie</b>	<b>pie</b>	<b>sie</b>	<b>good</b>	<b>person</b>	<b>sing</b>
<b>pie</b>	<b>sie</b>	<b>rie</b>	<b>sing</b>	<b>good</b>	<b>lyrics</b>
<b>tie</b>	<b>rie</b>	<b>sie</b>	<b>love</b>	<b>good</b>	<b>lyrics</b>

**What is the translation for “person love lyrics”?**

- (a) pie tie rie (b) tie rie sie (c) rie mie tie (d) sie mie pie

**Q48. If + means  $\times$ , - means  $\div$ ,  $\times$  means - and  $\div$  means + then  $10 + 6 - 15 \times 5 \div 5 = ?$**

- (a) - 6 (b) 4 (c) 6 (d) 2

**Q49. Find the missing number which will complete the given series.**

**12, 13, 28, 87, ?**

- (a) 290 (b) 344 (c) 352 (d) 192

**Q50. ADD = 72, CAT = 57 then SUNNY = ?**

- (a) 24 (b) 42 (c) 57 (d) 58

**Q51. If BAG = 14 and CAT = 60, then TEA = \_\_\_\_\_.**

- (a) 100 (b) 80 (c) 120 (d) 60

**Q52. T is the father of R. R is the brother of K. K is the wife of D. How D is related to T?**

- (a) Uncle (b) Brother in-law (c) Father in-law (d) Son in-law

**Q53. Pointing towards Ankit, a lady said, “His mother is the only daughter of my mother,”. How is that lady related to Ankit?**

- (a) Mother-in-law (b) Daughter (c) Sister-in-law (d) Mother

**Q54. Complete the given analogy by selecting the correct answers from the alternatives.**

**Poet : Imagination : : Historian : ?**

- (a) Statistics (b) Commerce (c) Facts (d) Science

**Q55. Ali starts walking towards North. He walked a distance of 20m and then took a right turn and walked a distance of 30m. Then he took a right turn again and walked a distance of 20m. How far and in which direction is Ali now from the starting point?**

- (a) 10m, North-West (b) 20m, North (c) 30m, South-East (d) 30m, East

**Q56. If the day before yesterday was Thursday, when will Monday be?**

- (a) Today (b) Three days after today  
(c) Tomorrow (d) Day after Tomorrow

**Q57. Reena leaves her house at 20 mins to seven in the morning, reaches Kyna's house in 20 mins. They finish their breakfast in another 10 mins and leave for their school which takes another 30 minutes. At what time do they leave Kyna's house to reach their school?**

- (a) 7 : 10 A.M (b) 7 : 20 A.M (c) 7 : 40 A.M (d) 8 : 15 A.M

**Q58. Sandeep has a brother named Ankur. Sandeep is the son of Kishan. Bala is Kishan's father. How is Ankur related to Kishan?**

- (a) Grandson (b) Brother (c) Son (d) Grandfather

**Q59. You are going straight, first eastwards, then turn to the right, then right again, then left. In which direction would you be going now?**

- (a) East (b) West (c) South (d) North

**Q60. Find the odd word from the given options:**

- (a) Deposit (b) Deduction (c) Withdrawal (d) Debit