



**Phase – I**

**Question Paper**

**Class - VI**

**M.M:60**

**Time:60 Minutes**

**ENGLISH (15 Marks)**

Fill in the blanks with the appropriate option: (Q1. to Q7.)

- Q1. As soon as the Sun came out, I \_\_\_\_\_ down on the top of a high rock to dry myself.
- a) lay
  - b) lie
  - c) laid
  - d) lain
- Q2. A notice was displayed \_\_\_\_\_ the notice board.
- a) in
  - b) on
  - c) at
  - d) with
- Q3. She is \_\_\_\_\_ beautiful girl in the school.
- a) the more
  - b) the most
  - c) more
  - d) most
- Q4. The dustbin is \_\_\_\_\_ the table.
- a) through
  - b) across
  - c) beside
  - d) besides

Q5. \_\_\_\_\_ you obeyed the order, this disaster would not have happened.

- a) Have
- b) Had
- c) Should
- d) Would

Q6. I have \_\_\_\_\_ the time nor the patience to listen to your stories.

- a) both
- b) every
- c) that
- d) neither

Q7. He killed the tiger \_\_\_\_\_ a gun.

- a) with
- b) by
- c) from
- d) at

Q8. What kind of a noun is 'beauty'?

- a) Common Noun
- b) Proper Noun
- c) Abstract Noun
- d) Collective Noun

Q9. Replace the masculine singular word for 'alumna'.

- a) alumnae
- b) alumnus
- c) alumni
- d) alumini

Q10. Find out the Transitive Verb given below.

- a) shines
- b) threw
- c) sleeps
- d) walks

Q11. Identify the correct sentence:

- a) I had been writing letters since all the morning.
- b) I wrote letters all the morning.
- c) I have written letters all the morning.
- d) I have been writing letters all the morning.

Q12. Identity the type of Tense:

He will have been cycling for about an hour by the time the Sun sets.

- (a) Future Perfect Tense
- (b) Present Perfect Continuous Tense
- (c) Future Perfect Continuous Tense
- (d) Past Perfect Tense

Q13. Being awake, she answered the door bell.

- a) The above sentence is wrong.
- b) The above sentence is right.
- c) The above sentence is partially right.
- d) The above sentence is partially wrong.

Q14. The feminine of 'Wizard' is

- a) Wizarders
- b) Witch
- c) Hind
- d) Roe

Q15. Select the correct Indirect Speech of the given sentence:

"How are you feeling today, Rahul?" asked the doctor.

- a) The doctor asked Rahul how he is feeling today.
- b) The doctor asked Rahul how he is feeling this day.
- c) The doctor asked Rahul how he was feeling that day.
- d) The doctor asked Rahul about how he is feeling that day.

### **MATHEMATICS (15 Marks)**

Q16. By how much does -3 exceed-5?

- a) -2
- b) 2
- c) 8
- d) -8

Q17. Which one of the following is the correct statement?

a)  $\frac{2}{3} < \frac{3}{5} < \frac{14}{15}$

b)  $\frac{14}{15} < \frac{3}{5} < \frac{2}{3}$

c)  $\frac{3}{5} < \frac{2}{3} < \frac{14}{15}$

- d) None of these

Q18.  $2.73 \div 1.3 = ?$

- a) 21
- b) 2.1
- c) 0.21
- d) None of these

Q19. Sum of the greatest 8-digit number and the smallest 9-digit number is \_\_\_\_\_.

- a) 19999999
- b) 199999999
- c) 999999999
- d) 10000999

Q20. If  $A : B = 3 : 4$  and  $B : C = 8 : 9$  then  $A : B : C$  equals:

- a) 6 : 8 : 9
- b) 3 : 4 : 8
- c) 4 : 8 : 9
- d) 3 : 32 : 9

Q21. Hindu-Arabic numeral for MMMCCCXXXIII is:

- a) 333
- b) 30303
- c) 3333
- d) 3330

Q22. The data arranged in ascending or descending order is called \_\_\_\_\_.

- a) Raw Data
- b) Arrayed Data
- c) Arranged Data
- d) None of these

Q23. If  $a$  and  $b$  are whole numbers, then which of the following is true?

- a)  $a \div b$  is a whole number
- b)  $a \div b = b \div a$
- c)  $a - b = b - a$
- d)  $a \times b = b \times a$

Q24. The LCM of two numbers is 3718. Which of the following number cannot be the possible HCF of these numbers?

- a) 13
- b) 26
- c) 104
- d) 143

Q25. Number of lines of symmetry in a kite is / are:

- a) 0
- b) 1
- c) 2
- d) 3

Q26. If a bicycle wheel has 24 spokes, then the angle between a pair of adjacent spokes is:

- a)  $10^{\circ}$
- b)  $15^{\circ}$
- c)  $18^{\circ}$
- d)  $24^{\circ}$

Q27. Which is the Greatest Negative Integer?

- a) -1
- b) 0
- c) not defined
- d) none of these

Q28. 15 litre 25 ml is equal to:

- a) 15.25 litre
- b) 15.250 litre
- c) 15.0025 litre
- d) 15.025 litre

Q29. If the length and breadth of a rectangle are doubled, then its perimeter is:

- a) Tripled
- b) Doubled
- c) Halved
- d) Four times

Q30. Sarita takes four rounds of a triangular path of size 12m, 18m & 16m. What is the total distance covered by Sarita?

- a) 46m
- b) 92m
- c) 138m
- d) 184m

### **PHYSICS (05 Marks)**

Q31. Which of the following unit can be used to measure the distance between two astronomical objects?

- a) Second
- b) Kilogram
- c) Light year
- d) Pound

Q32. Statement-1: A source of light which is of the size of pinhead is called a point source of light.

Statement-2: Any source of light which is bigger than point source of light is called extended source of light.

- a) Both statements 1 and 2 are correct
- b) Both statements 1 and 2 are incorrect
- c) Statement-1 is correct but statement-2 is incorrect
- d) Statement-1 is incorrect but statement-2 is correct

Q33. What can be placed between the open ends to light up the bulb?

(i) Needle      (ii) Iron Nail      (iii) Copper Coin      (iv) Wooden Piece

- a) (i) and (iii)
- b) (ii) and (iii)
- c) (i), (ii) and (iii)
- d) All of these

Q34. Which one of the following quantities in electricity is analogous to temperature?

- a) Potential
- b) Charge
- c) Resistance
- d) None of these

Q35. When a magnet is placed on a plastic plate with iron pins spread on it, then the:

- a) pins stick all around the magnet
- b) pins stick at the end of the magnet
- c) pins stick at the middle of the magnet
- d) Both (b) and (c) are correct

### **CHEMISTRY (05 Marks)**

Q36. Which of the following are the characteristics of jute?

- (i) It is a rainy season crop.
  - (ii) Its harvesting is done at the flowering stage.
  - (iii) It is cultivated where warm and sunny weather stays for atleast half of the year.
  - (iv) Its fibres are composed of cellulose and lignin.
- a) (i) and (ii)
  - b) (i), (iii) and (iv)
  - c) (i), (ii) and (iv)
  - d) All of these

- Q37. On heating, the concentration of oxygen dissolved in water \_\_\_\_\_.
- a) increases
  - b) decreases
  - c) remains constant
  - d) undergoes a chemical change
- Q38. The components of a solution (sugar in water) can be separated by \_\_\_\_\_.
- a) Filtration
  - b) Evaporation
  - c) Sedimentation
  - d) Decantation
- Q39. Shortening of length of candle on burning is a \_\_\_\_\_.
- a) slow and irreversible change
  - b) fast and reversible change
  - c) fast and irreversible
  - d) slow and reversible change
- Q40. Which gas is responsible for fizz in soft drinks:
- a) Oxygen
  - b) Hydrogen
  - c) Nitrogen
  - d) Carbon-dioxide

### **BIOLOGY (05 Marks)**

- Q41. The hollow space in the middle of bones is filled with \_\_\_\_\_.
- a) air
  - b) blood
  - c) bone cells
  - d) bone marrow
- Q42. The part of the plant that houses the ovule or egg is called \_\_\_\_\_.
- a) Ovary
  - b) Style
  - c) Petal
  - d) Filament

Q43. Thiamine is another name for \_\_\_\_\_.

- a) Vitamin B<sub>2</sub>
- b) Vitamin A
- c) Vitamin B<sub>1</sub>
- d) Vitamin B Complex

Q44. The bread, cereal, rice and pasta group is a good source of \_\_\_\_\_.

- a) Carbohydrates
- b) Vitamin C
- c) Calcium
- d) Vitamin D

Q45. Xerophytes have \_\_\_\_\_.

- a) small roots
- b) long roots
- c) broad leaves
- d) many branches

**REASONING (15 Marks)**

Q46. If  $879 = 8$ ,  $625 = 3$ , and  $586 = 9$  what is  $785 = ?$

- a) 7
- b) 0
- c) 9
- d) 6

Q47. One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?

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

Q48. B is the only son of A, who is the only daughter of C, E is the mother of F and daughter-in-law of A. How is F related to A?

- a) Son
- b) Brother
- c) Sister
- d) Can't be determined



Q49. Complete the series:

17, 36, 53, 68, ? , 92

- a) 81
- b) 83
- c) 71
- d) 85

Q50. Choose the correct pair:

Tile : Mosaic : Knot : ?

- a) Embroidery
- b) Abacus
- c) Macrame
- d) Easle

Q51. The degree of movement by the minute hand of a clock between 4:45 p.m. and 6:15 p.m. is :

- a) 540 degree
- b) 470 degree
- c) 360 degree
- d) 220 degree

Q52. What was the day of the week on 17<sup>th</sup> June, 1998?

- a) Monday
- b) Tuesday
- c) Wednesday
- d) Thursday

Q53. If x means -, - means x, + means ÷ and ÷ means +, then  $13 - 12 \div 400 + 20 \times 100 = ?$

- a) 1/1760
- b) 76
- c) 176
- d) 186

**Direction (Q-54 - 55)** A, B, C, D, E, F, G and H are sitting around a circle, facing the centre. F sits to the immediate right of D and third to the left of A. G sits third to the left of D who does not sit next to E. B sits next to G but not next to D. C does not sit next to either D or A.

Q54. Who sits to the immediate left of A?

- a) E
- b) F
- c) G
- d) C

Q55. Which of the following pairs sits between G and D?

- a) AC
- b) CF
- c) HB
- d) FA

Q56. Insert the missing term :


- a) 120
- b) 100
- c) 125
- d) 64

7	9	11
2	3	2
53	90	?

Q57. Choose the odd one out :

- a) Desk
- b) Black Board
- c) Classroom
- d) Bench

Q58. Which one of the following diagrams indicates the best relation between Sailor, Ship and Ocean?

- a) 
- b) 
- c) 
- d) 

Q59. Complete the series:

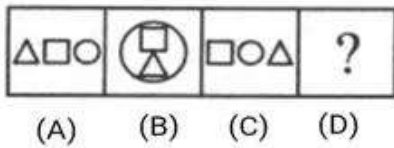


Answer Figures

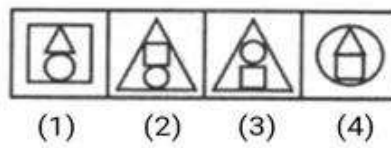


Q60. Select a suitable figure from the answer figures that would replace the question mark (?) in problem figure.

Problem Figures:



Answer Figures:



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

