



**Phase – I**

**Question Paper**

**Class - VII**

**M.M:60**

**Time:60 Minutes**

**ENGLISH (15 Marks)**

Choose the correct option to fill in the blanks: (Q1 to Q4)

- Q1. You should abstain \_\_\_\_\_ bad things.
- a) from
  - b) of
  - c) to
  - d) over
- Q2. My parents are proud \_\_\_\_\_ me.
- a) on
  - b) for
  - c) of
  - d) in
- Q3. He did not take \_\_\_\_\_ of the three bags.
- a) either
  - b) neither
  - c) any
  - d) some
- Q4. Naman \_\_\_\_\_ a novel since yesterday.
- a) read
  - b) reads
  - c) have been reading
  - d) has been reading

- Q5. Identify the sentence with Demonstrative Adjective.
- a) He is the same as he ever was.
  - b) These are merely excuses.
  - c) Such men are dangerous.
  - d) Rahul is a good boy.
- Q6. Use a Question Tag in the blank given below:  
I'm clever, \_\_\_\_\_?
- a) want you
  - b) aren't I
  - c) can't you
  - d) mustn't you
- Q7. Fill in the blank with a suitable Interjection:
- \_\_\_\_\_ That's an amazing news.
- a) Hark!
  - b) Aah!
  - c) Hush!
  - d) Wow!
- Q8. Select the correct Indirect Speech of the given sentence:  
The teacher said to the children, "Don't make a noise in the class."
- a) The teacher forbade the children to make a noise in the class.
  - b) The teacher prohibited the children from making a noise in the class.
  - c) The teacher prevented the children from making a noise in the class.
  - d) All of these
- Q9. Choose the option that correctly changes the voice of the given sentence:  
She gave her some roses.
- a) Given some roses to her.
  - b) Roses were given by her.
  - c) Some roses were given to her.
  - d) None of these
- Q10. Choose the option that correctly changes the voice of the given sentence:  
Which man abused her?
- a) By which man she was abused?
  - b) Which man was she abused by?
  - c) Both 'A' & 'B'
  - d) Neither 'A' nor 'B'

Q11. Fill in the blank with the Verb in the Past Perfect Tense:

Ajay told me that he \_\_\_\_\_ a prize (win).

- (a) had been winning
- (b) had won
- (c) were winning
- (d) won

Q12. Choose the correct order of Adjectives from the options in the given sentence:

There was a \_\_\_\_\_ in the centre of the room.

- a) table wooden long dark
- b) darkest long table wooden
- c) long dark wooden table
- d) wooden long dark table

Q13. In the following sentence, choose the most appropriate option from the given alternatives to fill in the blanks meaningfully:

Unless he \_\_\_\_\_ now, he \_\_\_\_\_ there in time.

- a) didn't leave/ wouldn't get
- b) leaves/won't get
- c) hadn't left/ would have got
- d) know/ am telling

Q14. Choose the correct sentence:

- a) She plays enthusiastically in the playground every morning before dawn.
- b) She played every morning in the playground enthusiastically before dawn.
- c) She play enthusiastically in the playground every morning before dawn.
- d) She is playing enthusiastically in the playground every morning before dawn.

Q15. Replace the underlined part of the sentence with the most suitable option:

Instead of expanding his empire, he has even lost what he had.

- a) lost even what he has.
- b) lost even what he was having
- c) lost even what he had
- d) No improvement.

## MATHEMATICS (15 Marks)

Q16. If  $\frac{x-2}{3} = \frac{2x-1}{3} - 1$ , then  $x = ?$

- a) 2
- b) 4
- c) 6
- d) 8

Q17. What should be added to  $\frac{-5}{9}$  to get 1?

- a)  $\frac{4}{9}$
- b)  $\frac{-4}{9}$
- c)  $\frac{14}{9}$
- d)  $\frac{-14}{9}$

Q18. Each term in the data is called \_\_\_\_\_.

- a) Raw data
- b) Observation
- c) Arrayed data
- d) None of these

Q19. If  $x = (-23) + 22 + (-23) + 22 \dots\dots\dots$  (40 terms) and  $y = 11 + (-10) + 11 + (-10) + \dots\dots\dots$  (20 terms). Find  $y-x$ .

- a) 40
- b) 10
- c) 20
- d) 30

Q20. If  $2A = 3B = 4C$ , then  $A : B : C = ?$

- a) 2 : 3 : 4
- b) 4 : 3 : 2
- c) 6 : 4 : 3
- d) 3 : 4 : 6

- Q21. 10 men can finish the construction of a wall in 8 days. How many more men are required to finish the work in half a day?
- a) 160
  - b) 100
  - c) 120
  - d) 150
- Q22. In an examination it is required to get 36% to pass. A student gets 160 marks and fails by 20 marks. The maximum marks are :
- a) 400
  - b) 450
  - c) 500
  - d) 600
- Q23. If the cost price of 4 toffees is equal to the selling price of 3 toffees, then the gain % is:
- a) 25%
  - b) 30%
  - c)  $16\frac{2}{3}\%$
  - d)  $33\frac{1}{3}\%$
- Q24. The simple interest on a sum for 5 years is  $\frac{3}{5}$  of the sum. The rate percent per annum is:
- a) 8%
  - b) 10%
  - c) 12%
  - d) 12.5%
- Q25. In a  $\Delta ABC$ , if  $2\angle A = 3\angle B = 6\angle C$ , then  $\angle B$ ?
- a)  $30^\circ$
  - b)  $45^\circ$
  - c)  $60^\circ$
  - d)  $90^\circ$
- Q26. If  $2^{2n-1} \div 2^{n+2} = 32$ , then n is equal to:
- a) 6
  - b) 8
  - c) 5
  - d) 7

- Q27. The base of an Isosceles triangle is  $3a-2$  units and the two equal sides is  $5a+3$  units. The perimeter of the triangle is:
- a)  $11a-1$  units
  - b)  $13a-4$  units
  - c)  $13a+4$  units
  - d)  $8a+1$  units
- Q28. By what number should  $(-8)^{-1}$  be multiplied to get  $(10)^{-1}$ ?
- a)  $\frac{4}{5}$
  - b)  $\frac{-5}{4}$
  - c)  $\frac{5}{4}$
  - d)  $\frac{-4}{5}$
- Q29. Two numbers are in the ratio 3:4. If 5 is subtracted from each, then the ratio will be 2:3. What is the smallest number?
- a) 5
  - b) 15
  - c) 20
  - d) 24
- Q30. Two poles, 18m and 13m high, stand upright in a playground. If their feet are 12m apart, then the distance between their tops is:
- a) 12 m
  - b) 13 m
  - c) 15 m
  - d) 18 m

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

- Q31. The temperature of the two glasses of water is 30 degree Celsius and 0 degree Celsius respectively. The difference in temperature of the two glasses of water is 30 degree Celsius. What is the difference in temperature on the Kelvin scale?
- a) 273 K
  - b) 243 K
  - c) 30 K
  - d) 303 K

- Q32. A boy walks towards a mirror at a speed of 2.5 m/s. At what speed is his image approaching him?
- 2.5 m/s
  - 2.5 m/s
  - 3.0 m/s
  - 5.0 m/s
- Q33. A potential difference of 20V is applied across the ends of a resistance of  $5\ \Omega$ . What current will flow in the resistance?
- 4 A
  - 3 A
  - 5 A
  - 8 A
- Q34. A car moves with a speed of 40 km/h for 15 minutes and then with a speed of 60 km/h for the next 15 minutes. The total distance covered by the car is \_\_\_\_\_.
- 100 km
  - 25 km
  - 15 km
  - 10 km
- Q35. The amount of heat produced in a wire depends on its:
- material
  - length
  - thickness
  - All of these

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

- Q36. Flax is a kind of \_\_\_\_\_.
- animal skin
  - synthetic fibre
  - plant fibre
  - None of these
- Q37. Choose the correct statement(s):
- Most of the acids are water soluble.
  - Acids react with metallic oxides and hydroxides to form metallic salt and water only.
  - Acids react with metallic carbonates to form metallic salt and hydrogen gas and water.
  - Acetic acid is used as a food preservative.
- (i) & (ii) only
  - (iii) & (iv)
  - (i), (ii) & (iv)
  - All of the above

- Q38. Which of the following is not a forest product?
- a) Plywood
  - b) Rubber
  - c) Sealing-wax
  - d) Diesel fuel
- Q39. At \_\_\_\_\_ degree Celsius, water has its maximum density and its minimum volume.
- a) 40 degree Celsius
  - b) 4 degree Celsius
  - c) 14 degree Celsius
  - d) 24 degrees Celsius
- Q40. Which of the following is a physical change?
- a) Dissolution of lime in water
  - b) Burning of LPG.
  - c) Dissolution of concentrated acid in water
  - d) Electrolysis of water

**BIOLOGY (05 Marks)**

- Q41. Which of these plants live on rotting material?
- a) Parasitic
  - b) Saprophytic
  - c) Insectivorous
  - d) Symbiotic
- Q42. The action of bile on fats can be called \_\_\_\_\_.
- a) Oxidation
  - b) Emulsification
  - c) Esterification
  - d) Dehydrogenation
- Q43. Expiration involves \_\_\_\_\_.
- a) relaxation of diaphragm and intercostal muscles
  - b) contraction of diaphragm and intercostal muscles
  - c) contraction of diaphragm muscles
  - d) contraction of intercostal muscles
- Q44. The instrument by which Blood Pressure of a person is determined:
- a) Ultrasound
  - b) BP meter
  - c) Stethoscope
  - d) Sphygmomanometer



- Q45. During grafting, the stem portion of plant that is grafted is called \_\_\_\_\_.
- a) stock
  - b) scion
  - c) stalk
  - d) stem

**REASONING (15 Marks)**

- Q46. In a certain code '952' means 'order my tape' 849 means 'by great tape' and '246' means 'by my water'. Which of the following digit represents 'great' in that code?
- a) 2
  - b) 6
  - c) 8
  - d) 5
- Q47. One morning, after sunrise Juhi while going to school met Lalli at boring road crossing. Lalli's shadow was exactly to the right of Juhi. If they were face to face, which direction was Juhi facing?
- a) South
  - b) West
  - c) East
  - d) North
- Q48. How is the only son of mother-in-Law of my mother related to me?
- a) Son
  - b) Brother
  - c) Father
  - d) Husband
- Q49. Complete the series: 40, 54 82, ? 180, 250
- a) 142
  - b) 124
  - c) 120
  - d) 144
- Q50. Choose the correct alternative:  
CTPN : DVSR :: DVSR : ?
- a) NUTL
  - b) EXVV
  - c) NTTL
  - d) LTRJ
- Q51. The value of  $\frac{(6 + 6 + 6 + 6) \div 6}{4 + 4 + 4 + 4 \div 4}$  is :
- a) 1
  - b)  $\frac{3}{2}$
  - c)  $\frac{4}{13}$
  - d)  $3\frac{6}{13}$

Q52. How many days are there in  $x$  weeks  $x$  days?

- a)  $7x^2$
- b)  $8x$
- c)  $14x$
- d) 7

Q53. Choose the odd one out:

- a) Silk
- b) Fur
- c) Milk
- d) Rubber

Q54. Insert the missing term.

5	4
20	9

3	8
24	11

9	4
?	13

- a) 117
- b) 36
- c) 32
- d) 26

Q55. The reflection of a clock in the mirror is 3 hours 45 min. What is the actual time shown by the clock?

- a) 8 hour 45 min
- b) 8 hour 30 min
- c) 9 hour 45 min
- d) 8 hour 15 min

**Direction (Q-56-57)** Six persons P, Q, R, S, T and U are sitting in a circle facing one another front to front. P is sitting in front of Q, Q is sitting to the immediate right of T and immediate left of R. P is to the left of U and right of S.

Q56. Who is sitting opposite to R?

- a) P
- b) Q
- c) S
- d) U

Q57. Who is sitting opposite to S?

- a) U
- b) T
- c) R
- d) Q

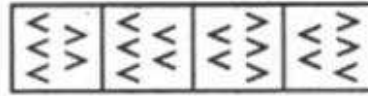
Q58. Select a figure amongst the answer figures which will continue the same series as established by the five problem figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:

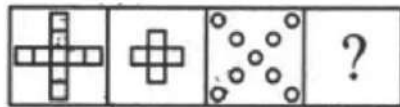


(1) (2) (3) (4)

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

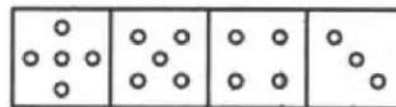
Q59. Select the suitable figure from the answer figures that would replace the question mark (?).

Problem Figures:



(A) (B) (C) (D)

Answer Figures:



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

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

Q60. Which of the following diagram indicates the best relation between class, blackboard and school?

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