RPS 4th All India Online & Offline Mega Event OLYMPIAD 2023 40 Prizes in each Class Golden opportunity to win

Phase – II Question Paper Class - VI

M.M:60 Time:60 Minutes

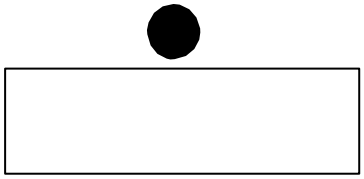
OFFLINE EXAMINATION (PHASE–II)

Name:_____Reg. No._____Mobile No._____

General Instructions:

1. Duration of the examination is 60 Minutes. Question Paper contains 60 questions with maximum 60 marks.
2. There will be negative marking in Phase – II, i.e. ¼ mark will be deducted for each incorrect answer.
3. Use of gadgets is not allowed.
4. Students must abide by the instructions issued during the examination by the invigilator or the Centre incharge.
5. Before attempting the question paper ensure that it contains all pages & no question is missing.
6. Immediately fill the particulars on this page of the test booklet and **OMR** with **BLACK** ballpoint pen only. Use of pencil is strictly prohibited.
7. Darken the bubbles completely. Do not put a tick☑ or across ☒. Fill the bubbles completely.
8. Half –filled or over-filled bubbles will not be read by the software & liable to be rejected.

Correct Method



Student's Signature

Wrong Method

Invigilator's Signature

ENGLISH (15 MARKS)

Q1. **Choose the Abstract Noun from the given sentence:**

The innocence of a child attracts me.

A) child
B) attracts
C) innocence
D) None of these

Q2. **Replace the underlined word with the correct option:**

Would you mind help me with these questions?

A) helping
B) will helping
C) helped
D) No improvement

Direction for Q3 – Q5: Choose the correct option to fill in the blanks:

Q3. When I _____my dinner, I went to bed.

A) has had
B) had have
C) had had
D) did

Q4. I _____ into the town later on. Do you want a lift?

A) drive
B) will be driving
C) drove
D) have driven

Q5. We went on _____ badminton till we _____ we could not play anymore.

A) playing, will feel
B) play, feel
C) playing, felt
D) will be playing, will feel

Direction for Q6 and Q7: Fill in the blanks with the correct Adjective:

Q6. I spent _____ money I earned.

A) little
B) a few
C) many
D) the little

Q7. Mr. Khurana is _____ to Mr. Khanna in richness.

A) more inferior
B) inferior
C) the most inferior
D) None of these

Q8. **Choose the most appropriate Preposition to fill in the blank:**

She swam _____ the river.

A) against
B) across
C) with
D) about

Direction for Q9 and Q10: Select the option which best expresses the same sentence in Indirect Speech:

Q9. She said to him, "Will you play today?"

A) She asked him whether he would play that day.
B) She asked him that he would play that day.
C) She asked him whether he will play that day.
D) None of these

Q10. Mohan said to his friend. "Let me go home now."

A) Mohan requested his friend to let him go home now.
B) Mohan requested his friend that he might be allowed to go home then.
C) Mohan requested his friend to go home.
D) All of these

Q11. 'Development' is a noun with 'ment' as a suffix. Which of the following will become a noun if we add the suffix '-ment' to it?

A) Extort
B) Enter
C) Enchant
D) Endure

Q12. **Replace the underlined word with the correct option and choose the correct sentence so formed.**

We did the work <u>themselves</u>.

A) We did the work himself.
B) We did the work of own.
C) We did the work ourselves.
D) None of these

Q13. **Find out the type of Tense:**

He had not been keeping well for a year.

A) Past Perfect Tense
B) Past Continuous Tense
C) Past Perfect Continuous Tense
D) None of these

Q14. **Choose the correct Preposition:**

He drove _____ the city and reached the village.

A) on
B) of
C) at
D) through

Q15. **Fill in the blank with the appropriate Pronoun:**

Rita and Sita have known _____ for many years.

A) one another
B) each other
C) each
D) no body

MATHEMATICS (15 MARKS)

Q16. Six bells start tolling together at 6 am in the morning. They toll at an interval of 3, 5, 8, 9, 12 and 15 seconds respectively for 24 hours. How many times do they toll together?

A) 4

B) 120
C) 12
D) 240

Q17. Riya ate $\frac{1}{2}$ of the candies she had and gave the rest to Jenny. Jenny kept 8 candies and gave rest of the 10 candies to Sakshi. How many candies did Riya eat?

A) 18
B) 36
C) 9
D) 54

Q18. What is the negative of x, if the value of x is -10-(-3)?

A) -7
B) 7
C) -1
D) 0

Q19. If a 3-Dimensional shape is completely bounded by plane faces, then what is the least number of faces it may have?

A) 4
B) 5
C) 3
D) 6

Q20. The L.C.M. of two numbers is 6. The difference of the numbers is 4 and the sum is 8. Find the H.C.F. of these two numbers.

A) 2 B) 3
C) 6 D) 4

Q21. Which is not another name of line of symmetry of an equilateral triangle?

A) Median
B) Altitude
C) Height
D) Base

Q22. A metallic wire is in the form of regular pentagon of side 12cm. If the wire is reshaped out into a rectangle of width 12cm, then what will be the area of the rectangle?

A) 216 sq. cm
B) 144 sq. cm
C) 324 sq. cm
D) 72 sq. cm

Q23. When we multiply a whole number by its multiplicative identity, we always get:

A) The number itself
B) 0
C) 1
D) -1

Q24. $2\frac{5}{8}$ of 1 minute 20 seconds is:

A) 3 minutes
B) $2\frac{7}{8}$ minutes
C) $3\frac{1}{2}$ minutes
D) None of these

Q25. If $\frac{1}{11} = \frac{x}{121} = \frac{132}{y}$, then find the value of $\frac{x+y}{7}$.

A) 1463 B) 209
C) 336 D) 463

Q26. The simplified ratio of $1\frac{2}{3} : 2\frac{1}{3}$ *is*:

A) 5:7 B) 7:5
C) 6:7 D) None of these

Q27. The class mark for the class interval 21 - 27 is:

A) 6 B) 48
C) 24 D) 27

Q28. The length and breadth of a rectangular park are in the ratio 4:3 and its perimeter is 126 m. Find the area of the park.

A) $972m^2$ B) $628m^2$
C) $1008\ m^2$ D) $1240\ m^2$

Q29. If a is the predecessor of b, then the values of (a-b) and (b-a) are _____respectively.

A) 1 and -1 B) -1 and 1
C) 0 and 1 D) 1 and 0

Q30. If x, 2.8, 5.6 and y are in proportion. Find the value of xy.

A) 1.2

B) 2.03

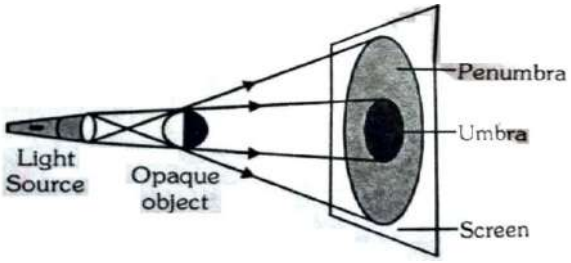
C) 15.68

D) 20.01

PHYSICS (5 MARKS)

Q31. Study the figure given below and answer the question that follows:

What will happen if the object is moved very close to the screen?



A) The size of penumbra will reduce.
B) The size of penumbra will increase.
C) The size of umbra will become smaller than the object.
D) There won't be any change.

Q32. What will happen to the magnetic property of a magnet if it is boiled in water?

A) Magnetic properties will be destroyed.
B) Magnetic properties will become stronger.
C) Magnetic properties will remain unaffected.
D) Both (B) and (C)

Q33. Why should we pivot the compass needle on a sharp pin?

(A) To minimize the magnetic effect on the pin.
(B) To maximize the magnetic effect on the pin.
(C) To minimize the friction between the pin and the compass needle.

(D) To ensure that the compass needle will not drop from the pivoted point.

Q34. An electric cell stops producing electricity when:

(A) The terminals are not connected properly.
(B) Chemicals inside the cell gets used up.
(C) The electrical wire breaks up.
(D) All of these

Q35. The movement of an object attached to a suspended spring has _____.

A) rotatory and translator motion
B) translatory and oscillatory motion
C) circular and oscillatory motion
D) translatory and revolutionary motion

CHEMISTRY (5 MARKS)

Q36. Which one of the following statements is incorrect?

A) Oil and water are immiscible liquids.
B) Density of ice is less than that of water.
C) Petrol, spirit and diesel are combustible.
D) Magnet attracts aluminium, zinc and copper.

Q37. Which of the following techniques is used to separate an insoluble solid from a liquid?

1. Chromatography
2. Isolation
3. Filtration
4. Decantation

A) 1,2 and 3 B) 1 and 4
C) 3 and 4 D) 2, 3 and 4

Q38. The correct ascending order of gases as per their composition in air is _____.

A) oxygen<carbon dioxide<nitrogen
B) hydrogen<oxygen<nitrogen
C) nitrogen<hydrogen<oxygen
D) oxygen<carbon dioxide<hydrogen

Q39. Separation of fibres of cotton from its seeds is known as:

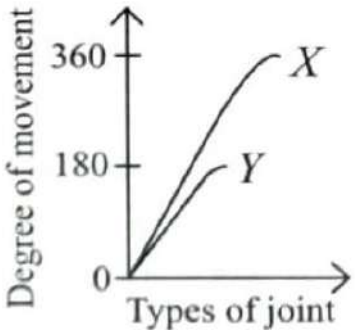
A) Knitting B) Weaving
C) Retting D) Ginning

Q40. Which of the following enables us to drink a liquid through a straw?

A) Humidity
B) Temperature
C) Atmospheric Pressure
D) Diffusion

BIOLOGY (5 MARKS)

Q41. The given graph shows the comparison of degree of movement of bones allowed by two different joints, X and Y. Identify the joint types and select the correct option regarding them.



A) Joint X allows movement of bones only in one plane whereas joint Y allows movement in all planes.
B) A person with injured Y joint finds it difficult to rotate his head.
C) In X joint, ball like structure of one bone fits into the socket like structure in another bone.
D) Tennis elbow is a painful condition in which X joint gets injured.

Q42. Few symptoms of a disease are given below.

(i) Person looks pale.
(ii) Person gets tired easily.
(iii) Person loses weight.
(iv) The nails of the person also turn white

Which disease is this?

A) Goitre B) Anaemia
C) Rickets D) Scurvy

Q43. Which part of a camel shrinks in size when there is no food for a long time and retains its original size on the availability of food?

A) Big Hump
B) Rough Tongue
C) Cylindrical Stomach
D) Long Eyelashes

Q44. Which part of the leaf is attached to the stem?

A) Midrib B) Lamina
C) Leaf Apex D) Petiole

Q45. Some minerals are given below. Which pair of the minerals should you take to improve your dental health?

A) Iron and Fluorine
B) Iron and Sodium
C) Phosphorus and Calcium
D) Iodine and Sodium

APTITUDE (15 MARKS)

Q46. Complete the series:

30, 46, 78, 126, 190, 270, ?

A) 398 B) 382
C) 356 D) 366

Q47. 'JESTER' is related to 'FOOL' in the same way as 'LARRIKIN' is related to_____?

A) SAINT B) DANCER
C) MUSICIAN D) HOOLIGAN

Q48. IVZHLMRMT is a secret code for REASONING. You have to telex the reply QUANTITATIVE using a code

based on the pattern used to code REASONING?

A) JFZMGRGXGRUV
B) JFZMGQGYGRVE
C) JFZMGSGZGRWE
D) JFZMGRGZGREV

Q49. If 64×52=17, 48×56=23 and 74×35=19, then 84×37=?

A) 32 B) 28
C) 22 D) 20

Q50. If 18 February, 2005 falls on Friday, then what will be the day on 18th February, 2007?

A) Sunday
B) Wednesday
C) Tuesday
D) Monday

Q51. Deepa notices the reflection of a wall clock in a mirror. The time shown by this clock when seen in the mirror is 9 Hours 30 Minutes. What is the actual time shown on the clock?

A) 5 Hours 30 Minutes
B) 2 Hours 30 Minutes
C) 4 Hours 20 Minutes
D) 3 Hours 20 Minutes

Q52. Pointing to a woman, a man said, "Her husband's mother is the wife of my father's only son." How is the man related to the woman?

A) Grandfather
B) Father-in-Law
C) Can't be determine
D) None of these

Q53. 'A' is East of 'B' and West of 'C'. 'H' is South-West of 'C' and B is South-East of X. Who is the farthest West?

A) C B) A
C) X D) B

Direction (Q54-Q55): Study the information carefully and answer the questions.

(I) Kamal is available at home from 12 noon to 4 p.m. on Tuesday, Thursday and Sunday.

(II) His younger brother, Navin, is available at home on Monday, Thursday, Friday and Sunday between 10 a.m. and 2 p.m.

(III) The eldest brother Rajiv is available between 9 a.m. and 12 noon on Monday, Wednesday and Thursday and between 2 p.m. to 4 p.m. on Friday, Saturday and Sunday.

Q54. At a time on which day of the week all the three brothers are available at home?

A) Sunday
B) Thursday
C) Can't be determine
D) None of these

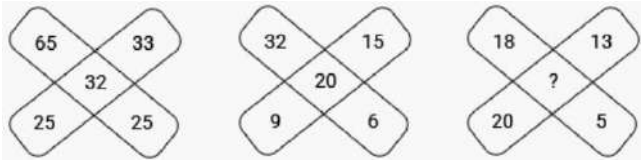
Q55. For a maximum of how many days, only one brother is available at a particular time in a week?

A) One B) Two
C) Three D) Four

Q56. Choose the odd one out.

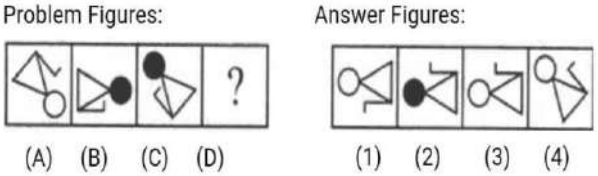
A) Blind B) Sinus
C) Deaf D) Dwarf

Q57. Insert the missing character:



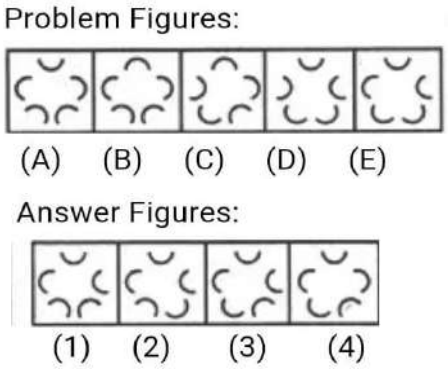
A) 18 B) 20
C) 23 D) 25

Q58. Select a suitable figure from the answer figures that would replace the question mark (?).



A) 1 B) 2
C) 3 D) 4

Q59. Select a figure from the answer figures which will continue the same series as established by the five problems.



A) 1 B) 2
C) 3 D) 4

Q60. Choose the diagram that shows best relationship about Leprosy, Scurvy, Diseases.

A)

B)

C)

D)

SPACE FOR ROUGH WORK

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