



# SANSKARAM

## GROUP OF SCHOOLS

संस्कारम् के साथ, सफलता का विश्वास।।

**CLASS: 6<sup>th</sup>**

**8<sup>th</sup> OLYMPIAD**

**Date: 29.12.2024**

**PAPER**

Session : 2024-25

**Time: 1:00 Hrs.**

**M.M.: 60**

**PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

- Please fill up on the particulars given on the OMR sheet carefully no manual rechecking will be done.**
- Duration of Test is 1 hrs. This Question Paper Contains 60 Questions. All are compulsory. Each question carries one Mark. There is **NO NEGATIVE MARKING**.
- Answers are to be given on a separate OMR sheet.
- Use black and blue ball pen only to darken the circle.
- Mark your answers for questions 1-60 on the single OMR sheet by darkening the circles.
- Sequence of questions is **ENGLISH 1-15, MATHS 16-30, SCIENCE 31-45, APTITUDE TEST (REASONING) 46-55.**
- Rough work can be done anywhere in the booklet but not on the OMR sheet/loose paper.
- Please return the OMR sheet to the invigilator after the test.
- Do not fold OMR sheet and not make any stray marks on OMR sheet otherwise OMR sheet will not be evaluate at all.

Student's Name:

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Roll No.:

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Mobile No.:

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## SANSKARAM 8<sup>TH</sup> OLYMPIAD

**Use the following word appropriately to complete the sentence given below.**

**Q1. Fill in the blanks with correct preposition.**

The train will come \_\_\_\_\_ 7 p.m.

- a) in    b) of    c) at    d) to

**Q2. Choose the past participle of the overpay**

- a) Overpaid    b) Overpay    c) Ourpaid    d) Overpaided

**Q3. Choose the correct synonyms of despise**

- a) Hopelessness    b) Harmful    c) Measure    d) Poor

**Q4. Fill with correct antonyms**

He lives in \_\_\_\_\_.

- a) Honest    b) Inferior    c) Cunning    d) Wealth

**Q5. Tick the correct option for indirect speech**

He said to me, "you are young".

- a) He said me that he was young.    b) He told me that I was young.  
c) He said that he was young.    d) He asked me that he was young.

**Q6. Select the correct verb form for the sentence:**

"If he \_\_\_\_\_ earlier, he would have caught the bus."

- a) leave    b) leaves    c) had left    d) left

**Q7. In the sentence "She was reluctant to speak in front of the large crowd," which word is closest in meaning to "reluctant"?**

- a) Eager    b) Hesitant    c) Willing    d) Enthusiastic

**Q8. Identify the correct use of the demonstrative adjective in the sentence:**

- a) I will never forget this moment.    b) That is the best option to choose.  
c) These apples are fresh.    d) All of the above

**Q9. Choose the sentence in which the adverb is used incorrectly:**

- a) She speaks fluently in three languages.    b) He solved the problem carefully.  
c) The team played quickly during the match.    d) The dog barked loudly at the cat.

**Q10. In the sentence "He could not comprehend the complexity of the problem," which word is the opposite of "comprehend"?**

- a) Understand    b) Ignore    c) Recall    d) Absorb

**Q11. Choose the option where the adjective is used to describe a quality (rather than a quantity, size, or color):**

- a) The big dog barked loudly.    b) He has a kind heart.  
c) She wore a red dress.    d) We need some more paper.

**Q12. Select the sentence with the correct use of a verb in the passive voice:**

- a) The book was read by the students.    b) The students read the book.  
c) The teacher was teaching the students.    d) The students had read the book

**Q13. Choose the sentence with the correct use of the present perfect continuous tense:**

- a) I have been reading the book since two hours.    b) I have read the book for two hours.  
c) I have been reading the book for two hours.    d) I was reading the book for two hours.

**Q14. Which word could replace "exquisite" in the sentence: "The painting was so exquisite that everyone admired its detail"?**

- a) Unpleasant    b) Beautiful    c) Ordinary    d) Plain

**Q15. Identify the correct use of articles in the following sentence:**

"I bought a book and an umbrella from the store."

- a) "A" is used for a specific item and "an" is used for something general.  
b) "A" is used before a consonant sound and "an" is used before a vowel sound.  
c) "An" is used for singular countable nouns and "a" for plural nouns.  
d) "A" and "an" are used interchangeably with no rule.

**Q16. Which of the following fractions is closest to 0?**

- a)  $\frac{5}{6}$     b)  $\frac{2}{3}$     c)  $\frac{5}{12}$     d)  $\frac{3}{4}$

- Q17. The ratio of two numbers is 3:7. If the sum of the numbers is 700, find the two numbers:  
 a) 210, 490                      b) 270, 490                      c) 110, 490                      d) 110, 650
- Q18. If the dividend and divisor have unlike signs, what is the sign of the quotient?  
 a) Positive                      b) Negative                      c) Zero                      d) Indeterminate
- Q19. How many prime numbers are there between 10 and 20?  
 a) 7                      b) 5                      c) 3                      d) 4
- Q20. Virat can type 28 words per minute. At this rate, how many words can Virat type in 5.5 minutes?  
 a) 154                      b) 157                      c) 159                      d) 162
- Q21. Place value of a digit increases by times as it moves place by place from right to left.  
 a) 100                      b)  $\frac{1}{10}$                       c) 10                      d) 1000
- Q22. Which of the following expressions in INCORRECT?  
 a) Positive integer > zero > negative integer                      b) Positive integer > negative integer < zero  
 c) Zero < positive integer > negative integer                      d) Positive integer > zero < negative integer
- Q23. The HCF of two numbers is 28 and their LCM is 336. If one number is 112, then the other number is\_\_.  
 a) 64                      b) 84                      c) 34                      d) 92
- Q24. The smallest number which when divided by 20, 25, 35 and 40 leaves a remainder of 14, 19, 29 and 34 respectively is \_\_\_\_\_  
 a) 1394                      b) 1404                      c) 1400                      d) 1406
- Q25. Three or more points are\_\_\_\_\_, if they lie on a line.  
 a) Collinear                      b) Intersecting                      c) Non- collinear                      d) None of these
- Q26. Sid travelled 5 km 52 m by bus, 2 km 265 m by car and the rest 1 km 30 m he walked. Total distance travelled by him is\_\_\_\_\_.  
 a) 8.347 km                      b) 8.000 km                      c) 8.925 km                      d) 9.000 km
- Q27. The length of a rectangle is  $\left(\frac{6}{5}\right)$  th of its breadth. If its perimeter is 132 m, its area will be\_\_\_\_\_.  
 a) 1080 m<sup>2</sup>                      b) 640 m<sup>2</sup>                      c) 1620 m<sup>2</sup>                      d) 2160 m<sup>2</sup>
- Q28. The area of a square is numerically equal to the perimeter of the square, then the side of square is \_\_\_\_.  
 a) 2 units                      b) 3 units                      c) 4 units                      d) 5 units
- Q29. In a square shaped park, whose side measures 28 m, a rectangular pond is located at the centre with dimensions 3 m and 2 m. The area of the park excluding the pond is\_\_\_\_\_.  
 a) 784 sq. m                      b) 750 sq. m                      c) 778 sq. m                      d) 708 sq. m
- Q30. A litre of kerosene oil weighs 0.819 kg and 10 litres of petrol weighs 7.02 kg, then the ratio of the weight of kerosene oil to that of petrol per litre is\_\_\_\_\_.  
 a) 7 : 5                      b) 5 : 7                      c) 6 : 7                      d) 7: 6
- Q31. The Sun is a  
 a) Comet                      b) Star                      c) Huge planet                      d) Satellite.
- Q32. The Earth is surrounded by an insulating blanket of gases which protects it from the light and heat of the Sun. This insulating layer is called the  
 a) Hydrosphere                      b) Lithosphere                      c) Atmosphere                      d) Biosphere.
- Q33. Which part of the body receives messages transmitted by nerve cells located throughout the body?  
 a) Heart                      b) Lungs                      c) Brain                      d) Liver.
- Q34. Which of the following has an organic origin?  
 a) Sand                      b) Bakelite                      c) Nylon                      d) Coal.
- Q35. Which is usually NOT a reason why foods are processed?  
 a) More nutritious    b) Easier to package    c) Last longer on the shelf    d) Easier to transport to the store
- Q36. The process by which solid changes directly to gas is called:  
 a) Condensation                      b) Evaporation                      c) Sublimation                      d) Deposition
- Q37. Which vitamin is produced by the human skin in the presence of sunlight?  
 a) Vitamin A                      b) Vitamin B12                      c) Vitamin C                      d) Vitamin D
- Q38. What type of energy is stored in food that we eat?  
 a) Kinetic Energy                      b) Thermal Energy                      c) Chemical Energy                      d) Nuclear Energy
- Q39. What is the role of chlorophyll in plants?  
 a) To absorb water    b) To capture sunlight    c) To produce carbon dioxide    d) To attract pollinators

- Q40. I have dry, scaly skin, breathe with lungs, and lay shelled eggs. My relatives are dinosaurs, lizards, snakes, etc. What type of animal am I?  
 a) Amphibians                      b) Primates                      c) Reptiles                      d) Mammals
- Q41. Oiled paper and butter paper are the example of \_\_\_\_\_.  
 a) Opaques object                      b) Transparent object                      c) Translucent object                      d) None of these
- Q42. A gas that is insoluble in water is  
 a) Oxygen                      b) Nitrogen                      c) Carbon dioxide                      d) All of these
- Q43. By recycling paper we can save \_\_\_\_\_  
 a) Tress                      b) Water                      c) Oil                      d) All of these
- Q44. The gas that is essential of burning is \_\_\_\_\_.  
 a) Oxygen                      b) Nitrogen                      c) Carbon dioxide                      d) Argon
- Q45. The fibers obtained from animals are made up of:  
 a) Proteins                      b) Carbohydrates                      c) Cellulose                      d) Vitamins
- Q46. Find the next term in series.  
 CFI, FIL, ILO, LOR  
 a) OPX                      b) OMU                      c) ONS                      d) ORU
- Q47. Find the missing term in the series given below.  
 12, 13, 18, 19, 24, 25, \_\_\_\_\_  
 a) 27                      b) 30                      c) 29                      d) 26
- Q48. If MANGO is coded as 20, then what is code of BRAHMAPUTRA?  
 a) 36                      b) 44                      c) 49                      d) 52
- Q49. If Orange is called Butter, Butter is called Soap, Soap is called Imli, Imli is called Honey and Honey is called Sugar, then which of the following is used for washing clothes?  
 a) Honey                      b) Butter                      c) Sugar                      d) Imli
- Q50. Megha and Risha are sisters. Nishant and Harsh are brothers. Megha is the mother of Nishant. How is Risha related to Harsh?  
 a) Aunt                      b) Sister                      c) daughter                      d) None of these
- Q51. There is a definite relationship between terms on either side of::: Establish the relation on the left side and find the missing term.  
 YTOJ: XSNI : : WRMH:?  
 a) VQLG                      b) TOJE                      c) RMHC                      d) UPKF
- Q52. Find odd one out:-  
 a) 20-35                      b) 32-47                      c) 41-55                      d) 44-59
- Q53. Find the odd one out:-  
 a) 334                      b) 2350                      c) 1711                      d) 2812
- Q54. Find the next term in series:-  
 3, 8, 13, 18, \_\_\_\_\_  
 a) 22                      b) 23                      c) 24                      d) 26
- Q55. 4, 8, 24, 96, 480, \_\_\_\_\_  
 a) 718                      b) 1982                      c) 2208                      d) 2880