



(SAMPLE PAPER)

6th CLASS

TIMES : 2Hrs

MM : 240

Please read the instruction carefully you are allotted 5 minutes specifically for this purpose.

INSTRUCTION TO CANDIDATE

- The Test Booklet consists of 60 questions.
- There are Six parts in the question paper A,B,C,D,E,F consisting of Mental Ability (10 questions), Physics, (10 question) Chemistry (10 questions),Biology (10 question), and Maths (10 questions), SST having 10 questions. Each question is allotted 4 (Four) marks for correct response.
- There is No Negative Marking
- Use Blue/Black Ball Point Pen only for writing particulars /marking responses on the Answer Sheet. Use of pencil is strictly prohibited.
- No candidate is allowed to carry any textual material, printed or written, bits of papers, pager, mobile phone any electronic device etc, except the Identity Card inside the examination hall/room.
- Rough work is to be done on the space provided for this purpose in the Test Booklet only.
- On completion of the test, the candidate must hand over the Answer Sheet to the invigilator on duty in the Room/Hall. However, the candidate are allowed to take away this Test Booklet with them.
- Do not fold or make any stray marks on the Answer Sheet.
- इस परीक्षा पुस्तिका में 60 प्रश्न हैं।
- इस परीक्षा पुस्तिका में छः भाग A,B,C,D,E,F हैं, जिसके प्रत्येक भाग में मानसिक योग्यता (10 प्रश्न) भौतिक विज्ञान (10 प्रश्न), रसायन विज्ञान (10 प्रश्न), जीव विज्ञान (10 प्रश्न), गणित (10 प्रश्न) एवं सामाजिक विज्ञान (10 प्रश्न) प्रत्येक प्रश्न के सही उत्तर के लिए 4 अंक निर्धारित किये गये हैं।
- ऋणात्मक अंकन नहीं होगा।
- उत्तर पत्र पर वांछित विवरण एवं उत्तर अंकित करने हेतु केवल नीले/काले बॉल पाइंट पेन का ही प्रयोग करें। पेन्सिल का प्रयोग बिल्कुल वर्जित है।
- परीक्षार्थी द्वारा परीक्षा कक्ष/हॉल में परिचय पत्र के अलावा किसी भी प्रकार की पाठ्य सामग्री मुद्रित या हस्तलिखित कागज की पर्चियों, पेजर, मोबाइल फोन या किसी भी प्रकार के इलेक्ट्रॉनिक उपकरणों या किसी अन्य प्रकार की सामग्री को ले जाने या उपयोग करने की अनुमति नहीं है।
- रफ कार्य परीक्षा पुस्तिका में केवल निर्धारित जगह पर ही कीजिये।
- परीक्षा समाप्त होने पर, परीक्षार्थी कक्ष/हॉल छोड़ने से पूर्व उत्तर पत्र कक्ष निरीक्षक को अवश्य सौंप दें। परीक्षार्थी अपने साथ इस परीक्षा पुस्तिका को ले जा सकते हैं।
- उत्तर पत्र को न मोड़ें एवं न ही उस पर अन्य निशान लगाएँ।

STUDENT NAME : _____

ROLL NO.

PAPER CODE

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1. What will be 7th letter from left of 3 letter from right in English Alphabet ?
 (A) P (B) J
 (C) Q (D) T
2. Find the next term-
 1, 4, 9, 16
 (A) 20
 (B) 22
 (C) 24
 (D) 25
3. If Sanjiv goes to northwards 3 k.m. then he take right turn and walk 4 k.m. and stopped. Then find minimum distance between initial point and present point?
 (A) 5 (B) 10
 (C) 1 (D) 4
4. How many letter are there between the letter "R" and "U" in the English Alphabet ?
 (A) 5 (B) 1
 (C) 2 (D) 3
- Directe(5-6):** Choose the missing term out of the giren alternatives.
5. T, Q, N, K ?
 (A) H
 (B) I
 (C) G
 (D) F
6. CE, GI, KM, OQ ?
 (A) TW
 (B) TV
 (C) SU
 (D) RT
7. If $a \$ b = (a + b + ab - 1) (a + b + ab + 1)$, then the value of $(4 \$ 10)$ is:
 (A) 2195
 (B) 2915
 (C) 2951
 (D) 2955
8. If "×" stands for addition, "-" stands for division, "+" stands for subtraction and "÷" stands for multiplication, then which of the following is correct?
 (A) $16 \times 5 \div 10 + 4 - 3 = 19$
 (B) $16 + 5 \div 10 \times 4 - 3 = 9$
 (C) $16 + 5 - 10 \times 4 + 3 = 9$
 (D) $16 - 5 \times 10 \div 4 \div 3 = 12$
9. In a row of boys, Srinath is 7th from the left and Venkat is 12th from the right. If they interchange their positions, Srinath becomes 22nd from the left. How many boys are there in the row?
 (A) 29 (B) 31
 (C) 33 (D) 34
- DIRECTIONS** In the following questions, you are given a combination of alphabets and/or numbers followed by four alternatives (A), (B), (C) and (D). Choose the alternative which most closely resembles the mirror-image of the given combination. If mirror is placed in right side of the object ?
10. BR4AQ16HI
 (A) IH61QA4RYB
 (B) IH61QA4RYB
 (C) IH61QA4RYB
 (D) IH91QA4RYB

SPACE FOR ROUGH WORK

PART B - PHYSICS

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| <p>11. Rusting of iron is a:
(A) Reversible change
(B) Fast change
(C) Irreversible change
(D) Temporary change</p> <p>12. Which process shows a change that can't be reversed?
(A) Melting butter
(B) Boiling water
(C) Burning wood
(D) Freezing water</p> <p>13. Which of the following is a physical change?
(A) Burning of wood
(B) Boiling of water
(C) Digestion of food
(D) Cooking of vegetables</p> <p>14. The SI unit of length is:
(A) Kilometre
(B) Foot
(C) Metre
(D) Inch</p> <p>15. Which of the following tools is used to measure longer distances like between two cities?
(A) Ruler
(B) Measuring tape
(C) Vernier caliper
(D) Odometer</p> | <p>16. Rectilinear motion is the motion in a:
(A) Zigzag path
(B) Straight line
(C) Circular path
(D) Curved path</p> <p>17. The bouncing back of light from a surface is called:
(A) Refraction
(B) Reflection
(C) Absorption
(D) Transmission</p> <p>18. A shadow is always:
(A) Colored
(B) Transparent
(C) Of the same color as the object
(D) Dark in color</p> <p>19. Objects that give off their own light are called:
(A) Opaque
(B) Transparent
(C) Luminous
(D) Non-luminous</p> <p>20. Which of these materials is opaque?
(A) Glass
(B) Water
(C) Cardboard
(D) Air</p> |
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PART C - CHEMISTRY

21. Which of the following objects will float on water
(A) Stone
(B) Iron nail
(C) Plastic ball
(D) Coin
22. Which of these materials is magnetic?
(A) Copper
(B) Aluminium
(C) Iron
(D) Plastic
23. Which of these is used to group materials based on solubility?
(A) Vinegar
(B) Alcohol
(C) Water
(D) Oil
24. Which of the following is a translucent object?
(A) Clear glass
(B) Frosted glass
(C) Wooden board
(D) Aluminium sheet
25. A mixture of sugar and water is an example of:
(A) Suspension
(B) Solid
(C) Solution
(D) Gas
26. The process of drying wet clothes in sunlight is an example of:
(A) Condensation (B) Sedimentation
(C) Evaporation (D) Filtration
27. Which method is used to separate heavier and lighter components of a mixture using wind or blowing air?
(A) Sieving
(B) Winnowing
(C) Handpicking
(D) Filtration
28. In sedimentation, the heavier particles in a mixture:
(A) Float on top
(B) Dissolve in water
(C) Settle at the bottom
(D) Disappear
29. Filtration is a method used to separate:
(A) Two solids
(B) A solid and a liquid
(C) Two liquids
(D) Gases
30. The process of converting water vapour into liquid water is called:
(A) Evaporation
(B) Freezing
(C) Condensation
(D) Melting

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PART D - BIOLOGY

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| <p>31. Which part of the plant is consumed when we eat sugarcane?
 (A) Root
 (B) Leaf
 (C) Stem
 (D) Flower</p> <p>32. Which of the following sets includes all animals that are herbivores?
 (A) Cow, Tiger, Goat
 (B) Goat, Deer, Elephant
 (C) Lion, Horse, Rabbit
 (D) Cat, Cow, Leopard</p> <p>33. Animals like humans and bears are called omnivores because:
 (A) They eat plants only
 (B) They eat other animals only
 (C) They can survive without food
 (D) They eat both plants and animals</p> <p>34. Which of the following is a seed that we eat?
 (A) Wheat
 (B) Potato
 (C) Carrot
 (D) Onion</p> <p>35. Deficiency of iron causes:
 (A) Goitre
 (B) Rickets
 (C) Anaemia
 (D) Scurvy</p> | <p>36. Which nutrient is required for the growth and repair of body tissues?
 (A) Carbohydrates
 (B) Vitamins
 (C) Proteins
 (D) Water</p> <p>37. Which of the following helps in protecting our body from diseases?
 (A) Carbohydrates
 (B) Proteins
 (C) Fats
 (D) Vitamins</p> <p>38. The broad, flat part of the leaf is called:
 (A) Lamina
 (B) Vein
 (C) Petiole
 (D) Midrib</p> <p>39. The function of the flower is to:
 (A) Absorb water
 (B) Prepare food
 (C) Help in reproduction
 (D) Support the plant</p> <p>40. The small tube-like structures that transport water in a plant are called:
 (A) Stomata
 (B) Xylem
 (C) Phloem
 (D) Veins</p> |
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PART E - MATH'S

41. Select the correct representation of the given figure



- (A) \overline{OP} (B) \overline{OP}
(C) \overline{OP} (D) \overline{PO}

42. Which of the following statements is/are true ?
(i) 3450 lies on the left side of 34845 on the number line.

(ii) 8735 lies exactly in the middle of 8730 and 8742.

- (A) Only (i) (B) Only (ii)
(C) Both (i) and (ii) (D) Neither (i) nor (ii)

43. What is the sum of all prime numbers between 30 and 50 ?

- (A) 234 (B) 201
(C) 199 (D) 228

44. What fraction must be subtracted from $12\frac{3}{5}$ to get $7\frac{5}{6}$?

- (A) $\frac{23}{30}$ (B) $4\frac{23}{30}$
(C) $5\frac{3}{5}$ (D) $5\frac{23}{30}$

45. Which of the following is not a name for given Rectangle ?



- (A) MLKN (B) NKLM
(C) LNKM (D) KNML

46. The sum of two integers is -136. If one of them is -82. Find the additive inverse of the other integer.

- (A) 54
(B) -63
(C) 83
(D) -53

47. In which of the following commutative property of addition for whole numbers is not used ?

- (A) $35+17=17+35$
(B) $0+75=75=75+0$
(C) $25+(71+19)=(25+71)+19$
(D) $19+18=18+19$

48. What is the name of the angle greater than 180° but less than 360° ?

- (A) Obtuse angle
(B) Complete angle
(C) Straight angle
(D) Reflexive angle

49. If $\frac{12}{18} = \frac{x+7}{39} = \frac{42}{y+32}$, then the value of $x+y$ is

- (A) 18
(B) 12
(C) 50
(D) 31

50. The least integer lying between -38 and -32 is

- (A) -31
(B) -33
(C) -39
(D) -37

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51. The International Date line (IDL) is located in the
 (A) Pacific ocean
 (B) Atlantic ocean
 (C) Indian ocean
 (D) Arctic ocean
52. India is located in the _____ of Greenwich.
 (A) East
 (B) West
 (C) North
 (D) South
53. Asia is separated from Europe by the _____.
 (A) Andes Mountains
 (B) Ural Mountains
 (C) Sahara Desert
 (D) Red Sea
54. In 1983, India set up its first scientific base in Antarctica, name of this base is _____.
 (A) Dakshin Gangotri
 (B) Eurasia
 (C) Maitri
 (D) Bharati
55. Complete the given analogy and select the correct option.
 Aconcagua: Andes :: Blanc : _____
 (A) Alps
 (B) Kilimanjaro
 (C) Kanchenjunga
 (D) Anamudi
56. Which of the following landforms is called as storehouse of minerals?
 (A) Mountains
 (B) Plains
 (C) Plateaus
 (D) None of these
57. What does 'BCE' mean?
 (A) Before Christian Existence
 (B) Before Christ's Era
 (C) Before Common Era
 (D) Before the Calendar Era
58. What does the term 'Sapta Sindhava' mean?
 (A) Land of the seven rivers
 (B) Land of the seven mountains
 (C) Land of the seven oceans
 (D) Land of the seven forests
59. The site of Harappa is located in present day _____.
 (A) Iran
 (B) Pakistan
 (C) Nepal
 (D) India
60. Which among the following is recognised by UNESCO a masterpiece of oral and intangible heritage of humanity?
 (A) Ramayana
 (B) Vedic chanting
 (C) Mahabharata
 (D) Bhagvad Gita

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