Gurukul Kurukshetra

Entrance Exam   Class:VII

Time: 2 Hrs   MM: 60

Sample Paper - 1

General Instruction:

1. The question paper consists of four Sections – A, B, C, D.

2. All questions are compulsory.

3. There is no overall no choice.

4. All sub-questions under the main question carry equal marks.

5. Rough work, if required may be done on the last few pages of this question booklet, provided for the purpose.

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Section – A (Science)

1. Multiple Choose Questions: (3 × 1 = 3)

1. Which of these is the quickest source of energy?

(a) Sugars   (b) Strach

(c) Proteins   (d) Fats

2. Which of the following is made up of amino acids?

(a) Carbohydrates   (b) Fats

(c) Proteins   (d) Nucleic Acid

3. An iron ring is heated. Which of the following statement about it is incorrect?

(a) The ring expands

(b) The ring almost come to the same size on cooling.

(c) The change in this case is reserved.

(d) The ring changes its shape and the change cannot be reserved.

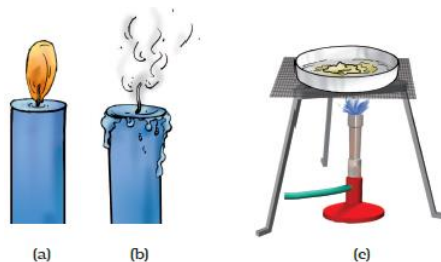**2. True / False**   (2 × 1 = 2)

1. Cellulose can be digested by human beings.

2. Obesity is caused due to excessive intake of fats.

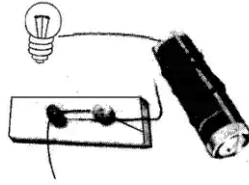**3. Answer the following questions:**   (5 × 1 = 5)

1. Name any three sources of carbohydrates.

2. What are the sources of Vitamin C?

3. Look at the figures given below, which show three situations

(a) burning candle   (b) an extinguished candle

(c) melting max

(a)   (b)   (c)

Which of these shows a reversible change and why?

4. Why can a pace or a footstep not be used as a standard unit of length?

5. Would the bulb glow after completing the circuit show in fig if instead of safety pin we use an eraser.

Section – B (Mathematics)

1. Fill in the blanks: (5 × 1 = 5)

(a) The LCM of two or more given numbers is the lowest of their common _____.

(b) The number of factors of a prime number is _____

(c) The value of 50 coins of 50 paisa = Rs. _____

(d) Area of rectangle with length 5 cm and breadth 3 cm is _____.

(e) If 1 spends f rupees from 100 rupees, the money left with me is _____ rupees.

2. True / False (5 × 1 = 5)

(a) Between any two natural numbers, there is one natural number.

(b) Natural numbers are not closed under multiplication.

(c) The place value of a digit at the tenths place is 10 times the same digit at the ones place.

(d) Area of square is doubled if the side of the square is doubled.

(e) If m is a whole number, then 2m denotes a multiple 2.

3. Answer the following questions: (5 × 2 = 10)

(a) The diameter of Jupiter is 142800000 metres. Insert commas suitably and write the diameter according to International System of Numeration.

(b) Using the digit 2, 4, 5 and 3 once, write the smallest four digit decimal number.

(c) Find the perimeter of a regular hexagon with each side measuring 8 m.

(d) The perimeter of an equilateral triangle, if side of the triangle is m.

(e) Sex ratio is defined as the number of females per 1000 males in the population. Find the sex ratio if there are 3732 females per 4000 males in a town.

Section – C (Social Science)

1. Fill in the blanks: (5 × 1 = 5)

a) The word democracy is derived from two _____, words, _____ and _____.

(b) The officer who looks after the district administration is known as _____.

(c) The value of Tropic of Cancer is _____

(d) _____ is the standard Meridian of India.

(e) We can view direct and _____ democracies as ideal types.

2. Short answer questions: (5 × 1 = 5)

(a) What is the meaning of the term Privileges?

(b) What is the meaning of Panchayati Raj System?

(c) What imaginary line divides the earth into two halves?

(d) What is hill?

(e) What is erosion?

Section – D (English) (20 × 1 = 20)

Direction (1 – 2): Fill in the objects:

1. He ran a _____

(a) Scooter   (b) race   (c) fight   (d) building

2. The police has arrested the _____

(a) machine   (b) tree   (c) bird   (d) theif

Direction (3 – 7): Fill in the blanks in the following with the correct form of the verb given in brackets:

3. I _____ in Model Town. (live)

4. The mother _____ food for us. (cook)

5. She _____ to temple every morning. (go)

6. He _____ on me whenever he wants. (call)

7. I _____ what my sister _____ (eat)

Direction (8 – 10): Fill in the blanks spaces in the following sentences:

8. Diwali is _____ 10 November.

9. Gandhiji lived _____ the English rule.

10. They finished work _____ sunset.

Direction (11 – 15): Write the antonyms of the given word:

11. Obstinate

12. Clever

13. Man – made

14. Deep

15. Modern

Direction (16 – 20): Write the synonym of the given word:

16. Do

17. Hide

18. Move

19. Retain

20 Label