Gurukul Kurukshetra

Entrance Exam   Class:VII

Time: 1 Hrs   MM: 60

Sample Paper - 2

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.

Section – A (Science)

1. Multiple Choose Questions: **(2 × 1 = 2)**

1. In an electric bulb, light is produced due to the glowing of

(a) the glass case of the bulb   (b) the thin filament

(c) the thick wires supporting the filament   (d) gases inside glass case of the bulbs.

2. Filament of a torch bulb is

(a) a metal case   (b) metal top at the centre of the base

(c) two thick wires   (d) a thin wire

2. True / False   **(3 × 1 = 3)**

1. A cylindrical magnet has only one pole.

2. Natural magnets were discovered in Greece.

3. Sun is always necessary to observe a shoadow.

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

1. What is malnutrition?

2. Conversion of ice into water and water into ice is an example of change which can be reversed Give four more examples where you can say that the changes can be reversed.

3. Write the similarities ad difference between the motion of a bicycle and a ceiling fan that has been switched on.

4. The handles of the tools like screwdrivers and pliers used by electricians for repair work usually have plastic or rubber covers on them. Can you explain why?

5. A bar magnet has no markings to indicate its poles. How would you find out near which end is its north pole located?

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) Fractions with the same denominator greater are called _____ fractions.

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

(e) The variable used in the equation 2p + 8 = 18 is _____.

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 result obtained by subtracting a fraction from another fraction is necessarily a fraction.

(d) An engineer who plans to build a compound wall on all sides of a house must find the area of the compound.

(e) If length of rectangle is halved and breadth is doubled then the area of the rectangle obtained remains same.

3. Answer the following questions: $(5 \times 2 = 10)$

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

(b) Round off 27.981 to nearest tenths.

(c) Ali divided one fruit cake equally among six persons. What part of the cake he gave to each person?

(d) A room is 4 m long and 3 m 50 cm wide. How many square metres of carpet is needed to cover the floor of the room?

(e) If there are 50 mangoes in a box, how will you write the total number of mangoes in terms of the number of boxes? (use b for the no. of boxes.)

Section – C (Social Science)

1. Fill in the blanks: $(5 \times 1 = 5)$

(a) The most direct form of people participation is _____

(b) _____ is the organization of the local self – government in the villages.

(c) There is one _____ Panchayat for three to four villages.

(d) _____ is the organisation of the local self – government in the villages.

(e) _____ and _____ are examples of unitary government.

2. Short answer questions: $(5 \times 1 = 5)$

(a) Where does the Arctic Circle lie?

(b) Who had made the first globe?

(c) What id Dictatorial type of Government?

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

(e) What is the main object of the Village Panchayat?

Section – D (English)

1. Write the paragraph on "Morning Assembly in my School". (5)

Direction (2 – 5): Fill in the blanks with proper form of the adjectives given in the bracket?

2. Is your father _____ now. (well) (1)

3. There is no animal _____ than the dog. (faithful) (1)

4. June is _____ than April or May. (hot) (1)

5. Her condition is now _____ than what it was? (bad) (1)

Direction (6 – 10): Insert the correct form of the present tense of the verbs in the blanks spaces in the following sentences:

6. A good dictionary _____ a lot. (cost) (1)

7. These five chairs _____ one thousand rupees. (cost) (1)

8. Ten kilometres _____ a long distance to walk. (be) (1)

9. Sita _____ next to my house. (live) (1)

10. Bread and butter _____ a wholesome food. (be) (1)

Direction (11 – 15): Fill in the blanks with the where necessary (verb).

11. The table was made of _____ wood. (1)

12. _____ water in that pot is not fit for drinking. (1)

13. _____ sweets we took after meals were tasty. (1)

14. When do you have _____ breakfast? (1)

15. Are you attending _____ dinner tonight? (1)