Gurukul Kurukshetra

Test - 1

Class 7th Entrance Exam

Section – A (Science)

1. Multiple Choose Questions: $(3 \times 1 = 3)$

1. (b)

2. (a)

3. (d)

2. True / False $(2 \times 1 = 2)$

1. False

2. True

3. Answer the following questions: $(5 \times 1 = 5)$

1. Potatao, Sweet Potato, Cereals.

2. Orange, Lemon etc.

3. Melting of wax in (c), which on cooling, changes back to solid wax but burning candle and an extinguished candle (d) show chemical irreversible change.

4. Because a pace or a footstep of each and every person is not equal.

5. No, since eraser is an insulator so it does not allow the current to pass. Hence the bulb will not glow.

Section – B (Mathematics)

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

(a) Multiple

(b) 2

(c) Rs.25

(d) 15 cm²

(e) 100 - f

2. True / False $(5 \times 1 = 5)$

(a) False

(b) False

(c) False

(d) False

(e) True

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

(a) The diameter of Jupiter is 142,800,000 metres.

(b) The required number is 0.2345, which is the smallest four digit decimal number.

(c) Perimeter of regular hexagon = 6 × length of one side

$$= 6 \times 8m = 48 \text{ m}$$

Thus, the perimeter of regular hexagon is 48 m.

(d) We have given, side of the equilateral triangle = m.

The perimeter of an equilateral triangle = 3 × side.

$$= 3m$$

(e) Number of females = 3732

Number of males = 4000

The required sex ratio = (3732/4000) = (933/1000)

Thus there are 933 females per 1000 males.

Section – C (Social Science)

1. Fill in the blanks: **(5 × 1 = 5)**

(a) Greek, demos, kratia

(b) District Commissioner

(c) 23° 30° N

(d) Northern

(e) indirect

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

(a) 'Privileges' are given some of the weaker sections of the society. Under this some posts are reserved in public services for these weaker sections of the society.

(b) The Panchayati Raj is the organisation of self – government in the villages. It main objective is to improve the lot of the villages.

(c) The equator divides the earth into two halves.

(d) A hill is a land surface higher than the local area.

(e) The wearing away of the earth's surface is called erosion.

Section – D (English)

1. race   **(20 × 1 = 20)**

2. thief

3. live

4. cooks

5. goes

6. calls

7. eat, ears

8. on

9. during

10. by

11. Submissive

12. stupid

13. natural

14. shallow

15. ancient

16. Execute

17. Conceal

18. Trot

19. Withhold

20. Tag