

Answer Key
Gurukul Kurukshetra
Test - 2
Class 7th Entrance Exam
Section - A (Science)

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

1. (b)

2. (d)

2. True / False **(3 × 1 = 3)**

1. False

2. True

3. False

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

1. Malnutrition is caused by deficiency of one or more nutrients in our diet.

2. Changes that can be reversed are called reversible changes. Some examples are as follows:

(i) Melting of wax

(ii) Folding of a paper

(iii) Knitting of a sweater

(iv) inflating of a type

3. (i) Similarity: Both the wheel of a bicycle and a ceiling fan exhibit motion on a fixed axis.

(ii) Dissimilarity: Bicycle moves forward thus execute rectilinear motion but a fan does not show such motion.

4. Plastic or rubber is an insulator which does not allow electric current to pass through it. The handles of the tools like screwdrivers and pliers used by electricians for repair have covering of plastic or rubber so that electric current ay not pass through these tools to the body of the electrician to harm him.

5. Take the bar magnet and suspend it freely with the help of a thread, the end that points towards North Pole will be regarded as north end of the magnet. Take a bar magnet with known/marked poles on it. Let the North Pole of the magnet be brought closer to the suspended magnet at the end that is pointing towards north, if it shows repulsion than it is confirmed.

Section - B (Mathematics)

1. Fill in the Blanks:

(5 × 1 = 5)

- (a) Multiple
- (b) 2
- (c) Like
- (d) 15 cm²
- (e) p : p

2. True / False

(5 × 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 estimated value of 27.981 to the nearest tenth is 28.0.
- (c) Since, Ali has to divide one fruit cake equally among 6 persons

Each person will get $\frac{1}{6}$ part.

- (d) Length of room = 4m

and breadth of the room = 3 m 50 cm = 3.50 m

Area of carpet = length × breadth

$$= 4 \text{ m} \times 3.50 \text{ m} = 14 \text{ m}^2$$

- (e) Let number of boxes = b

Number of mangoes in each box = 50

Therefore, total number of mangoes = 50b

Section - C (Social Science)

1. Fill in the blanks:

(5 × 1 = 5)

- (a) adult franchise
- (b) Democracy
- (c) Nyaya

(d) Panchayati Raj

(e) USA, Nilgeria

2. Short answer questions:

(5 × 1 = 5)

(a) At $66\frac{1}{2}^\circ$ North.

(b) In 150 BCE it was made by Francese Atlas in the Naples Italy.

(c) In this type of Government, all the powers of the government are concentrated in the hands of one powerful person or a political party.

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

(e) The main object of the villages is to improve the condition of the villagers and make them self – sufficient.

Section – D (English)

1. Morning Assembly in my school

Morning Assembly is a very important ritual. It is also a part of the age old culture of our country. Every new work starts with prayers to our gods. So it happens in a school too. Schools are like our temples. Students and teachers stand in rows. They say prayers before starting the day's work. The scene is very calm and peaceful. All students stand in rows in school uniform. In many schools, some physical training is also given in the morning assembly. Important information is also given to the students by the Principal.

2. better

3. more faithful

4. hotter

5. worse

6. costs

7. cost

8. is

9. lives

10. is

11. No article

12. The

13. The

14. No article

15. The

