

Answer Key
Gurukul Kurukshetra (Test -2)
Class 8th Entrance Exam
Section - A (Science)

1. Fill in the Blanks:

(5 × 1 = 5)

- (a) Host
- (b) Incisors
- (c) CO₂, water
- (d) Food, oxygen
- (e) acidic

2. Answer the following questions:

(5 × 1 = 5)

- (a) All living organism require food to survive. It gives them energy to perform various activities. All activities such as playing, running, walking, studying, etc. require energy. The nutrients present in our food provide energy to our body. These are also important for growth and development of the body.
- (b) Saprotrophs
- (c) Liver secretes the bile juice which is stored in the gall bladder. Bile plays an important role in the digestion of fats.
- (d) Stomach
- (e) The cramps occur when muscle cells respire anaerobically. The partial breakdown of glucose produces lactic acid. The accumulation of lactic acid causes muscle cramps.

Section - B (Mathematics)

1. Fill in the blanks:

(5 × 1 = 5)

- (a) 13
- (b) 0.0047
- (c) no
- (d) zero
- (e) no. of sides

2. True / False

(5 × 1 = 5)

- (a) False
- (b) True
- (c) False

(d) True

(e) False

3. Answer the following questions:

(5 × 2 = 10)

(a) A number of solutions can be possible.

e.g. Let first integer = 9 and second integer = -2

$$\text{Sum} = 8 + (-2) = 6$$

(b) Given Normal body temperature = 98.6°F

and temperature rise to = 103.1°F

$$\text{Rise in temperature} = (103.1 - 98.6) = \text{Rs.}114.30$$

(c) Let the number be x .

13 is subtracted from twice of a number i.e $2x - 13$ and it results is 3.

So, the equation formed is $2x - 13 = 3$

(d) A number of solutions can be possible.

e.g. Let first integer = 8 and second integer = -2

$$\text{Sum} = 8 + (-2) = 6$$

(e) Third side must be 20 cm, because sum of two sides should be greater than the third side.

$$\text{Perimeter of the triangle} = \text{sum of all sides} = (9 + 20 + 20) \text{ cm} = 49 \text{ cm}$$

Section - C (Social Science)

1. Fill in the blanks:

(5 × 1 = 5)

(a) Khizr Khan, Sayyid

(b) Nomadic

(c) USA

(d) Forest

(e) Delhi Sultans

2. Short answer questions:

(5 × 1 = 5)

(a) Persian was the language of administration under the Delhi Sultans.

(b) Settlements are places where people build their homes. Early human beings lived on trees and in caves. When they started to grow crops it became necessary to have a permanent home. The Settlements grew near the river valleys as water was available and land was fertile. With the development of trade, commerce and manufacturing, human settlements became larger.

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(c) Communication is the process of conveying messages to others.

(d) The three broad categories of natural vegetation are forest, grassland and shrubs.

(e) Ibn Batuta travelled to India from Morocco.

Section - D (English)

1. was working

(20 × 1 = 20)

2. spent

3. are

4. Turn

5. Playing

6. Incapable

7. Discomfort

8. Supply

9. off

10. out

11. bees

12. band

13. herd

14. bevy

15. thieves

16. heroine

17. mare

18. hen

19. waiter

20. hunter

