

Half-yearly Examination - 2016-2017

SCIENCE

Time : 2 Hrs. 15 min

F. M. : 80

Std. : V

I. Fill in the blanks (Do not copy the sentence) (10)

1. Nerves are made up of nerve cells called _____
2. Light enters the eye through _____
3. _____ vibrates when sound passes through it.
4. _____ and fats give us energy to do work.
5. _____ is an effective way of preventing communicable diseases.
6. Our body does not digest _____
7. The outermost layer of earth is called _____
8. The instrument used to detect earthquakes is called a _____
9. Hot molten rocks inside the earth are called _____
10. A _____ is an enormous wall of water that comes on to the seashore.

II. Give one word answer. (8)

1. Actions that are controlled by spinal cord _____
2. A condition caused due to the accumulation of fat in our body _____
3. An opening in the crust of the earth _____
4. A disease caused due to the deficiency of iodine _____
5. Disease that spreads from one person to another _____
6. This sense organ has taste buds _____
7. The food that we eat everyday _____
8. The upper part of the brain _____ (5)

III. Give one example of each.

1. A disease that spreads through air
2. A disease caused by bacteria.
3. A disease caused by consuming infected food and water.
4. A disease spread by insect bites
5. A non- communicable disease

IV. Correct the false statements. (6)

1. Cerebrum connects the brain to the spinal cord.
2. Reflex actions are controlled by cerebellum.
3. The iris connects eye to the brain.

4. Rickets is caused due to the deficiency of iron.
5. The hollow top of a volcano shaped like a bowl is called vent.
6. The transparent area in front of the eye is called retina.

V. Define the following (3x4=12)

1. Vaccination
2. Balanced diet
3. Volcano
4. Natural disaster

VI. Match the following (5)

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|--|-----------------|
| 1. Breeds in stagnant water | a) Cerebrum |
| 2. Found at the back of the eye | b) Medulla |
| 3. Controls the involuntary activities | c) Nasal cavity |
| 4. Controls the sense organs | d) Retina |
| 5. Found inside the nose | e) Mosquitoes |

VII. Write short answers for the following questions. (3x5=15)

1. Why is the brain most important organ of our body?
2. How can the following deficiency diseases be prevented?
a) Night Blindness b) Scurvy c) Anemia
3. What do seismologists do? How do they prove helpful to people living in earthquake-prone areas?
4. What is a disease? Write any two modes of transmission of communicable disease.
5. Write a short note on cyclone.

VIII. Differentiate between. (4x2=8)

1. Sensory nerve and motor nerve.
2. Active volcanoes and extinct volcanoes.

IX. What will happen? (3x2=6)

1. The taste buds of the tongue are damaged?
2. The optic nerve is destroyed?

X. Draw the structure of Eye and label it. (5)