

- b. Mention any three reasons to have a balanced diet (3)
- c. We do not need the same amount of energy for doing all kind of work. Justify. (2)
- d. What are the conditions required for the formation of shadows? (2)

Q11. Give reasons : (5)

- a. Ravi is advised to sit under the sun early in the morning.
- b. Roughage does not contain any nutrients but then also it should be included in our diet.
- c. Carbohydrates and fats are also known as energy-giving food
- d. The sun is considered as the main source of energy on earth.
- e. Diabetes is considered as a life style disease.

Q12. Complete the given table : (6)

Disease	Cause	Prevention
_____	Vitamin B	_____
Marasmus	_____	_____
_____	_____	use iodised salt

Q13. Study the picture given below and answer the following questions :

- a. Label 1, 2, and 3 (½)
- b. Name the phenomenon shown in the figure. (1)
- c. Name any similar kind of other phenomenon. (½)
- d. Name the two processes taking place during this phenomenon. (1)

## Half Yearly Examination - 2018-19

### Science

Class : V

Time : 2 Hrs.

Full Marks : 80

#### Section A (40 Marks)

Q1. Choose the correct option (5)

- a. It is added as an adulterant in black pepper
  - i. Tamarind seeds
  - ii. Papaya seeds
  - iii. Chalk powder
- b. We get this energy by burning fuels
  - i. Wind energy
  - ii. Electrical energy
  - iii. Heat energy
- c. The earth completes one revolution in this time
  - i. 24 hours
  - ii. 365¼ days
  - iii. 24 days
- d. Deficiency of this disease causes Kwashiorkor
  - i. Protein
  - ii. Vitamin A
  - iii. Iodine
- e. Days and nights occur due to this movement of the earth.
  - i. Rotation
  - ii. Revolution
  - iii. Both i. and ii.

Q2. Name the following : (5)

- a. The unwanted substances added in the food
- b. The energy possessed by objects due to their position or motion

- c. The energy resources that are present in limited amounts
- d. Objects that do not produce light
- e. The diseases which are caused due to unhealthy food habits and lifestyle

Q3. Fill in the blanks : (5)

- a. \_\_\_\_\_ diet contains all the nutrients in right amount.
- b. \_\_\_\_\_ can be transformed from one form to another.
- c. Windmills change \_\_\_\_\_ energy into \_\_\_\_\_ energy.
- d. \_\_\_\_\_ are always formed on the side opposite to the source of light.

Q4. Match the following and rewrite in pairs : (5)

- |                    |                             |
|--------------------|-----------------------------|
| a. Chemical energy | Iron                        |
| b. Turmeric        | Obtained from the Sun       |
| c. Dhokla          | Fermented food              |
| d. Goitre          | Contained in fuels and food |
| e. Solar energy    | Iodine                      |
|                    | Papaya seeds                |

Q5. Correct the false statements by changing the underlined word : (5)

- a. Junk food has a high nutritional value
- b. Water constitutes around 35% of our body weight
- c. Green plants use wind energy to make food
- d. When work is done, force is spent
- e. The earth rotates from east to west on its axis.

Q6. Give any two examples of each (10)

- a. Translucent objects
- b. Rich sources of protein
- c. Non-renewable resources
- d. Fuels
- e. Deficiency diseases

Q7. Complete the analogy : (5)

- a. Vitamin A \_\_\_\_\_ : : Vitamin D : Rickets
- b. Rotation : Day & Night : : \_\_\_\_\_ : Seasons
- c. \_\_\_\_\_ : Dark shadow : : Translucent : Faint shadow
- d. Light : See : : Sound \_\_\_\_\_
- e. \_\_\_\_\_ : Goitre : : Iron : Anaemia

#### Section B : (40 Marks)

Q8. Define the following terms : (5)

- a. Balanced diet
- b. Work
- c. Eclipse
- d. Roughage
- e. Shadow

Q9. State the differences between : (10)

- a. Revolution and Rotation
- b. Beri beri and Scurvy
- c. Solar and Lunar Eclipse
- d. Lifestyle and deficiency diseases
- e. Transparent and Translucent objects

Q10. Answer the following questions :

- a. Write any three ways to prevent diseases related to lifestyle. (3)