

Revision Test-2

Based on Chapters 7 to 12

Saathi

Date ___/___/___

A. Tick (✓) the correct answers.

1. Which gas is absorbed from the air through stomata in leaves?

⇒ (c) Carbon dioxide.

2. Which of the following produce(s) a loud noise?

⇒ (c) Siren

3. Which of the following is used in the manufacture of synthetic petroleum?

(b) Coal

4. When the moon comes between the sun and the earth, it causes

(a) Solar eclipse

5. Which of the following sentences is incorrect for pulley?

(c) It moves up and down with the load.

6. Meningitis/Cholera is caused by

(c) bacteria

B. Write T for the true and F for the false statements.

1. Leaves of croton do not have chlorophyll so they appear red. False

2. Sound of T.V. is natural sound. False

3. Foods such cereals, potatoes, butter, oil, etc., are rich sources of carbohydrates and fats. True

4. A shadow is always formed on the same side of the source of light. False

(1)

5. In levers of third order, effort is applied at the centre. True.

6. Typhus fever is carried by fleas that live on rats. False.

C. Fill in the blanks —

1. Wastes such as vegetable peels, papers and left over food mixed with soil are called biodegradable wastes.

2. Knife is an example of double inclined plane.

3. Objects of different colours, but of same shape form same kind of shadow.

4. Biogas has a high calorific value.

5. Noise can damage our ~~eyes~~ ears.

6. Decomposers add nutrients to the soil.

D. Match the columns.

Column A

Column B

1. Humans caused ecological imbalance by (e) Over-hunting of a species.

2. Evoke negative emotions (a) Unpleasant sound.

3. Renewable source of energy (d) Sun

4. An object required for the shadow (b) Opaque

5. Controlled through vaccines (c) Measles.

Date ___/___/___

E. Give two examples of each of the following:

1. Pleasant sound

⇒ Chirping of birds, music

2. Translucent materials

⇒ Mist, clouds,

3. Man-made source of light

⇒ Candle, Torch

4. Communicable diseases

⇒ Chickenpox, small pox

5. Wedges

⇒ Axe, Knife

6. Consumers

⇒ Animals, Tigers

7. Renewable sources of energy

⇒ Water, air,

8. Decomposers

⇒ Bacteria, Fungi

F. Answer the following questions.

1. What is photosynthesis? What is the role of chlorophyll in photosynthesis?

⇒ The food making process of the plants is called photosynthesis.

Role of chlorophyll in photosynthesis —

Chlorophyll is a pigment present in the cells of leaves of green plants. They have the ability to absorb energy from the sunlight.

2. How are plants and animals interrelated? Explain?

⇒ Same as - [Page-78 - C. Q.No.-3.]

3. Write five ways to reduce noise pollution.
⇒ Same as - [Page-86 - D. Q.No. - 5]

4. What are communicable diseases? Suggest ways to prevent them.

⇒ Diseases which can spread from one person to another through air, water, food etc., is called communicable diseases

Communicable diseases can be controlled by taking the following precautions -

(i) In case of infectious diseases, the patient should be kept absolutely isolated.

ii) The infected articles such as clothes, towels and utensils should be kept separate. No one else should use them.

iii) After a patient recovers, the room should be properly disinfected and whitewashed. The clothes and bed covers should be disinfected, washed and dried in the sun.

iv) The surroundings around the house should be kept clean. Rubbish should be thrown in the dustbins.

5. State the kind of lever in the following machines :

- (A) Nut cracker — Class Two Lever.
- (b) Fishing rod — Class Three Lever.
- (c) Bottle opener — Class Two Lever.
- (d) Wheel barrow — Class Two Lever.

6. Differentiate between solar and lunar eclipse.

⇒ Solar eclipse	Lunar eclipse.
(i) When the moon comes between the sun and the Earth, it blocks the sunlight from reaching the Earth and casts a shadow on the Earth. This is called solar eclipse.	(i) When the Earth comes between the sun and the moon, it casts its shadow on the moon. This is called lunar eclipse.
(ii) Solar eclipse occurs only on a new moon day.	(ii) Lunar eclipse occurs only on a full moon night.

7. Give two conditions for which work is done and work is not done.

- ⇒ (i) When a force moves some object in its own direction, work is done.
- (ii) If there is no movement on applying a force, no work is done.

Date ___/___/___

8. List various forms of energy.

⇒ Various forms of energy are :-
(i) Heat Energy (ii) Light Energy
(iii) Electrical Energy (iv) Mechanical Energy
(v) Chemical Energy and
(vi) Sound Energy.

9. Explain formation of day and night with the help of a diagram.

⇒ Formation of day and night —
Same as [Page-105-D-Q.No.-4]

Diagram — Page-102 (Formation of Day and night)



(6)