

II SUMMATIVE ASSESSMENT 2017-2018

SUBJECT: - SCIENCE

STD: - VII

TIME:-

DATE:-10.4.18

MARKS: 50

Q.1.A] Fill in the blanks

(4)

- 1.The real test of a magnet is _____.
2. A medium is necessary for _____ of sound.
3. In the cell, photosynthesis is carried out with the help of _____
4. Muscles of heart are _____

B] State whether the following statements are true or false.

(2)

- 1.Magnetism of electromagnet is permanent.
2. Cow dung is the major raw material for biogas.
3. Formation of manure from leaves is physical change.
4. Food become acidic in stomach.

C] Match the following: -

(2)

Group A

Group B

1. Photosynthesis a. Electromagnet
2. Doorbell b. Cu
3. Infrasonic sound c. Chemical change
4. Copper d. frequency more than 20Hz
- e. frequency less than 20 Hz .

D] Name the following. (Any four)

(4)

1. The sound frequency above 20,000Hz.
2. Mixture of Aluminum, nickel, and iron

3. Give example of metal minerals
4. Gastric juice in stomach
5. Outermost covering of cell.

E] Complete the analogy

(2)

1. Copper: non- magnetic substance:: _____ : magnetic substance.
2. Plant cell: _____ :: Animal cell : cell wall absent.

Q.2A] Answer in one sentence (Any four)

(4)

1. Which natural resources do we use as fuels?
2. What is necessary for production of sound?
3. Name two important stages in the process of obtaining metals from ore..
4. When does an eclipse takes place?
5. In which direction does a freely suspended magnet settle?

B] Answer the following in two or three sentences. (Any two) (8)

1. Explain the characteristics of magnetic lines of force?
2. How sound is produced?
3. What is meant by scattering of light?

C] Give scientific reasons (Any four)

(8)

1. We are able to read while sitting in the shade.
2. Earth is called as a gigantic magnet.
3. The sound generated by a tabla and sitar is different.
4. We should prevent the wastage of fuels used for vehicles.
5. The diversity of plants and animals in the forest is declining.

Q.3A] Write short notes on :- (Any two)

(8)

1. Five minerals and the useful substances obtained from them
2. Natural resources any two.
3. Eclipse and its type

B] Distinguish between (Any two)

(4)

1. Umbra and Penumbra.
2. Single touch and double touch method
3. Metal minerals and non-metallic minerals. . .

Q.4A] Explain with the help of a diagram how the intensity and direction of the magnetic field of bar magnet can be determined.

(4)

OR

- B] 1 Will a sound be generated no matter how the ruler is kept on the table.
2. How will you find a magnet among the various articles given to you. . .