

CLASS: VII; SUBJECT: SCIENCE

A. Choose the correct option from any four of the following: (1/2x4=2)

- Which of the following is/are Silk fabrics?
(a) Tassar (b) Mooga
(c) Eri (d) All of these
- Which of the following does not yield wool?
(a) Yak (b) Woolly dog
(c) Goat (d) Camel
- When one end of an iron rod is heated, its other end also gets heated. It is due to the
(a) Insulation of heat (b) Radiation of heat
(c) Convection of heat (d) Conduction of heat
- The phenomenon involved in the formation of sea breeze and land breeze is
(a) Conduction (b) Radiation
(c) Convection (d) None of these
- The process of selecting parents for obtaining special characters in their offspring is termed as
(a) Shearing (b) Selective breeding
(c) Sorting (d) Scouring

B. Fill any four of the Blanks: (1/2x4=2)

- Sorter's sometimes get infected by a bacterium called _____.
- The degree of hotness or coldness is called _____.
- _____ is a metal used in thermometer.
- The fluffy fibres in wool are called _____.
- Transfer of heat takes place in solids by the process of _____.

C. Match the Following (1/2x4=2)

- | Column A | Column B |
|-------------|--|
| 1. Shearing | (a) Separation of hair of different textures. |
| 2. Scouring | (b) Removal of fleece from sheep. |
| 3. Dyeing | (c) Washing of fleece to remove dust, dirt & grease. |
| 4. Sorting | (d) Adding colours to fibres. |

D. The following statements are incorrect, write any two correct statements. (1x2=2)

- Silk is obtained from the eggs of silkworm.
- The temperature of a human body can be measured by a laboratory thermometer.
- White objects absorb more heat radiations than a black object.

E. Answer any 4 of the following in one word. (1/2x4=2)

- Transfer of heat which does not require a medium.
- It prevents the mercury level from falling on its own.
- What is the normal temperature of human body?
- Which is the most common silk moth?
- What is the process of taking out threads from the cocoon to use as silk called?

F. Answer any three of the following in one sentence. (1x3=3)

- What is the scientific name of mulberry?
- What is sericulture?
- Which type of thermometer does not use mercury?
- Why do you prefer to wear white dress in summer?

G. Rearrange the given steps for the production of silk fibre. (1/2x4=2)

- Cocoons are kept under the sun or boiled in water.
- After 25 to 30 days, the caterpillars stop eating and start spinning cocoons.
- Fibres are taken out from the cocoon.

(iv) The larvae are kept in clean trays along with freshly chopped mulberry leaves.

H. Give two points of difference between clinical and laboratory thermometer.

OR

(1x2=2)

Give two points of difference between conductors and insulators of heat.

I. Draw a neat diagram of life history of silk moth.

(3)

OR

Write any three precautions you should take while using a clinical thermometer.