

**MCO Type Questions (1 \* 7 = 7 Marks)**

Q.1- Heat transfer that does not require a medium is called-

- |                  |                 |
|------------------|-----------------|
| (i) Conduction   | (ii) Radiation  |
| (iii) Convection | (iv) Conduction |

Q.2- Plants take carbon dioxide from the atmosphere mainly through their-

- |            |              |
|------------|--------------|
| (i) Roots  | (ii) Leaves  |
| (iii) Stem | (iv) Flowers |

Q.3- Fat is completely digested in the-

- |                       |                      |
|-----------------------|----------------------|
| (i) Stomach           | (ii) Mouth           |
| (iii) Small intestine | (iv) Large intestine |

Q.4- Amarbel is an example of -

- |                |                 |
|----------------|-----------------|
| (i) Autotroph  | (ii) Saprotroph |
| (iii) Parasite | (iv) Host       |

Q.5- Which type of breeze occurs at night at coastal areas-

- |                    |                   |
|--------------------|-------------------|
| (i) Sea breeze     | (ii) Land breeze  |
| (iii) Solar breeze | (iv) Lunar breeze |

Q.6- Which is not digested by human-

- |               |                |
|---------------|----------------|
| (i) Protein   | (ii) Fats      |
| (iii) Glucose | (iv) Cellulose |

Q.7- What is the normal body temperature in Celsius-

- |            |           |
|------------|-----------|
| (i) 35°C   | (ii) 42°C |
| (iii) 37°C | (iv) 30°C |

**One Word Type Questions (1 \* 2 = 2 Marks)**

Q.8- Which part of the plant takes in carbon-dioxide from the air for photosynthesis?

Q.9- Which type of clothes do we prefer to wear in winter?

**True/False Type Questions (1 \* 3 = 3 Marks)**

Q.10- Mark 'T' if the statement is true and 'F' if it is false-

- |  |           |
|--|-----------|
| i- The product of photosynthesis is not a protein.                         | [ T/F ]   |
| ii- Digestion of starch starts in the stomach.                             | [ T/F ]   |
| iii- Solar energy is converted into chemical energy during photosynthesis. | [ T/F ].. |

Q.11- **Fill in the blanks.** (1 \* 3 = 3 Marks)

- i- Temperature is measured in degree.....
- ii- The largest gland in the human body is.....
- iii- The food synthesised by the plants is stored as.....

Q.12- **Match the following.** (1 \* 5 = 5 Marks)

**Column-I**

Fats  
Nitrogen  
Proteins  
Sea breeze blows during  
Insects

**Column-II**

Pitcher plant  
Amino acids  
Day  
Fatty acid  
Bacteria

**Short Answers Type Questions**

- Q.13- Give one examples each of conductors and insulators of heat? 2M
- Q.14- Why do org anises need to take food? 3M
- Q.15- Where is the bile produced? Which component of the food does it help to clingiest?2M
- Q.16- In places of hot climate it is advised that the outer walls of houses be painted white, explain? 3M

**Long Answers Type Questions**

- Q.17- State similarities and differences between the laboratory thermometer and clinical thermometer?5M
- Q.18- Which organ and gland is involved in digestive system? 5M