

Name-_____

Roll No-_____

Section-_____

Time-2 hours

Review Test
Class – VII, Sub: Science

MM-50

SECTION-A

I. Multiple choice questions :-

4×1=4

1. The atomic number of magnesium is

- a. 2 b. 12 c. 10 d. 15

2. On dipping a plastic and a steel spoon in hot water

- a. Both the spoons get heated up due to convection b. Neither of the spoons are heated
c. The steel spoon gets heated only due to conduction d. None of the above

3. What are the by-products of wastewater treatment?

- a) Sludge and biogas c) Sludge and scum
b) Sludge and fleece d) None of the above

4. Which of the following is not a part of digestive system?

- a. Buccal Cavity b. Trachea c. Food pipe d. Stomach

II. Fill in the blanks,:-

4×1=4

1. The acid found in apple is _____.
2. A digital thermometer does not use _____.
3. _____ is a leaf like gland present below the stomach.
4. Plant food is stored in the form of _____.

III. Analogy type questions:-

4×1=4

1. Heat : Energy :: _____ : Measurement of heat energy
2. Salivary gland : Saliva :: Liver : _____.
3. Basicity of H_3PO_4 : Three :: Acidity of NaOH : _____.
4. Fungi : Saprophytes :: Cuscuta : _____.

IV. Name the following acids, bases and salts:-

4×1=4

1. $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ - _____
2. CH_3COOH - _____
3. KOH - _____
4. NaNO_3 - _____

V. True and false:-

1. A black body is good absorber and good radiator of heat. _____
2. Plants which synthesize their own food are called Saprophytes. _____
3. A small worm like structure attached to large intestine is appendix _____
4. A channel of pipes that carries out sewage from our houses is called sewer system or sewerage. _____

SECTION-B

2×5= 10

1. Draw a well labelled diagram of land breeze and sea breeze.

2.a) Why a calamine solution is applied on the skin when an ant bites?

b) Why do we use umbrella on a hot sunny day?

3. Write down the laws of reflection of light and make a well labelled diagram of it.

4. a. Convert 112°F into °C.

b. Convert 37°C into °F

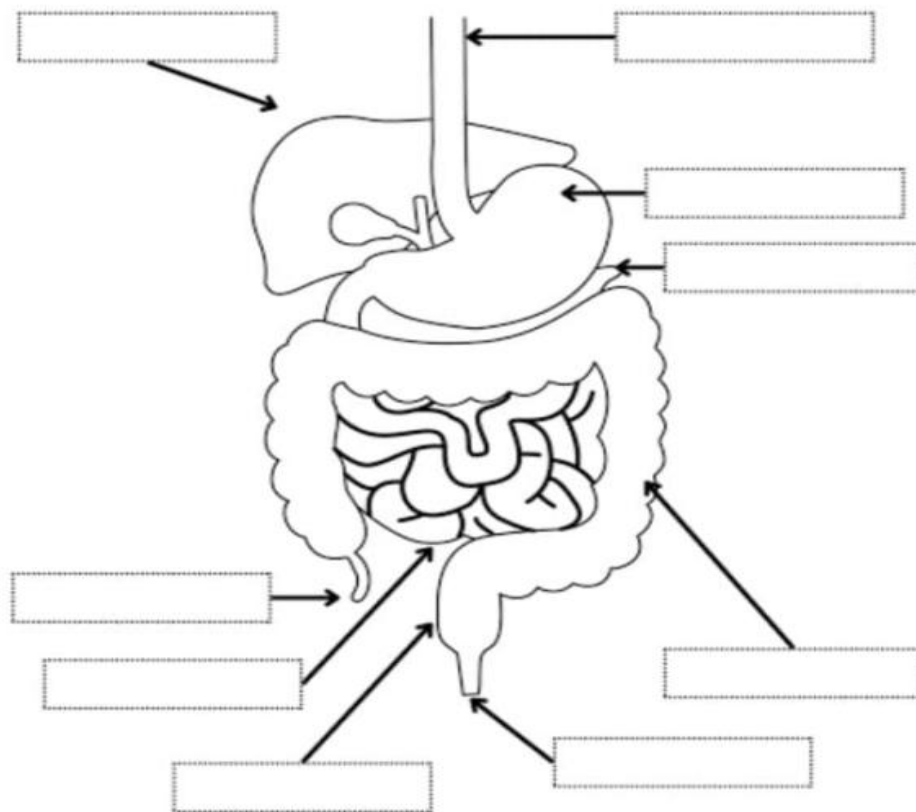
5. Draw a flow chart of waste water treatment plant

SECTION-C

3×5=10

1. a. What is the function of bile juice in the process of digestion in human beings?

b. Label the following diagram



2. Differentiate between convection, conduction and radiation. Write any two points.

3. Write any four characteristics of plane mirror with the help of a diagram.

4. Fill in the blanks in the table of indicator table

Name of the substance	Red litmus	Phenolphthalein	China Rose
Acid			
Base			

A diagram illustrating the reflection of light rays from a concave mirror. The mirror is represented by a horizontal line with diagonal hatching below it, labeled with 'R' on the left and 'S' on the right. The center of curvature is marked as 'O'. A vertical dashed line represents the principal axis, labeled 'IN' at the top. Two points, 'A' and 'B', are located on the principal axis. Ray 'A' is a solid line with an arrow pointing towards the mirror's surface. Ray 'B' is a solid line with an arrow pointing away from the mirror's surface. The angle of incidence is labeled 'i' and the angle of reflection is labeled 'r'. The points of incidence and reflection are labeled 'a' and 'b' respectively.

[illegible]

1. Explain with a simple experiment that light travels in a straight line.

Aim _____

Materials required

[illegible]

9 | Page

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Conclusion

Diagram