

Name- _____

Roll No- _____

Section- _____

Review Test
Class VII (Science)

Time-2 hours

MM-50

SECTION-A

I. Multiple choice questions :-

5×1=5

1. Which of the following features are characteristics of seeds dispersed by wind?

- a. Fibrous, spongy b. Barbs, bristles c. Hair, wings d. All of them

2. A light ray gets refracted towards the normal when it passes from

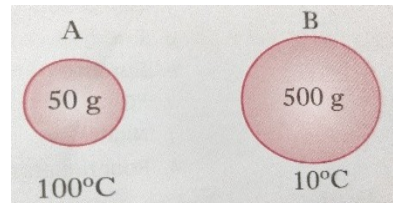
- a. Water to air b. Denser to rarer medium c. Both a. and b. d. None of these

3. Water reaches the leaves from root by

- a. Stomata b. Phloem c. Xylem d. All of these

4. In the figure given below, A and B are steel balls. What will be the direction of flow of heat if they are brought in contact?

- a. B to A b. A to B
c. No heat will flow d. None of these



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

- a. Mouth cavity b. Trachea c. Food pipe d. Stomach

II. Analogy type questions:-

5×1=5

1. Raw silk: Mulberry silk :: _____ : Non-mulberry silk

2. Heat: Energy :: _____ : Measurement of heat energy

3. Dahlia: Root tubers :: _____ :Foliar buds

4. Converging: Convex lens :: _____ : Concave lens

5. World water day : 22nd March :: World environment day : _____

III. One word answer type questions:-

5×1=5

1. An indicator that gives red colour with soap. _____

2. A layer of underground rock that stores water. _____

3. An example of plant parasite. _____

4. Leaf like gland present below the stomach. _____

5. Name one accessory whorl of a flower _____

IV. Match the following:-

5×1=5

Column A

Column B

- i. Acetic acid
- ii. Common salt
- iii. Green vitriol
- iv. Nitric acid
- v. Copper sulphate

- a. HNO_3
- b. CH_3COOH
- c. NaCl
- d. $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$
- e. $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

SECTION-B

V. Short answer type questions

2×8=16

1. Differentiate between and write any two points in each:

(Answer any two)

a) Acid and base

_____	_____
_____	_____
_____	_____
_____	_____

b) Convex mirror and concave mirror

_____	_____
_____	_____
_____	_____
_____	_____

c) Asexual and sexual reproduction

_____	_____
_____	_____
_____	_____
_____	_____

2. What is neutralization reaction? Write the reaction of a neutralization reaction.

3. How are buds formed in yeast?

4. Explain two reasons which have lead to water scarcity in our country.

5. Give examples of each (Do any two) :-

a. Algae- _____ b. Insectivorous plant- _____

c. Total parasite- _____ d. Fungi- _____

6. Convert -:

a. 80° C to °F

b. 86 °F to °C

7. What is the effect of an acid on the following indicators (Do any two):-

a. Blue litmus paper- _____

b. China rose extract- _____

c. Methyl orange- _____

d- Phenolphthalein- _____

SECTION – C

3×3=9

V. Long answer type questions:-

1. Explain fertilization in a flowering plant stepwise with the help of a well labelled diagram.

2. Write any three characteristics of image formed by plane mirror.

3. Name the glands associated with digestive system. Draw a well labelled diagram of human digestive system.

SECTION - D

5×1=5

VI. Activity based question-

1. Describe a simple experiment to show that light travels in straight line under the following heads:-

Aim- _____

Materials required- _____

Procedure-

Observation-

Conclusion -

Diagram –

