

Name: _____

Roll No: _____

Class: VII

1. Choose the correct answer and write in your answer sheets. 10
- i) Which of the following is not a forest product?
a) Gum b) Fevicol c) Resin d) Rubber
 - ii) We cannot drink sea water because it is-
a) Polluted b) Too salty c) Too sweet d) None of these
 - iii) Percentage of freshwater present on the Earth is
a) 28% b) 97% c) 30% d) 3 %
 - iv) An image which cannot be obtained on screen is called
a) Real image c) Inverted
b) Virtual image d) Magnified image
 - v) Which of the following shows lateral inversion?
a) Plane mirror c) Concave mirror
b) Convex mirror d) All of these
 - vi) The device used to prevent the flow of excess current in the circuit.
a) Switch b) Fuse c) Bulb d) Coil
 - vii) Which of the following is not a source of current?
a) Car battery b) Dry cell c) cell d) electromagnet
 - viii) Which of the following blood cells help in blood clotting?
a) Red blood cells C) Platelets
b) White blood cells d) None of these
 - ix) The process of complete breakdown of glucose to produce energy is called
a) Fermentation c) Germination
b) Transpiration d) Respiration
 - x) The thin wire inside a bulb is
a) Coil b) Magnet c) Filament d) None of these
2. Fill in the blanks. 10
- i) The closed path along which electric current flows is a _____.
 - ii) A _____ is a device used for measuring time, by measuring the length of the shadow during day time.
 - iii) World water day is celebrated on _____ every year.
 - iv) There are some animals that eat only other animals, such animals are called _____.
 - v) The process of seeping water by its down ward movement is called _____.
 - vi) The blood vessels that transport blood away from the heart are called _____.
 - vii) Breathing out is called _____.
 - viii) Animals that get their energy from plants only are called _____.
 - ix) A _____ image can be obtained on a screen.
 - x) A _____ records the instantaneous speed of the vehicle.
3. Answer in one word or a phrase. 10
- i) The water which is discharge after use.
 - ii) A method of disinfecting water by adding chlorine.
 - iii) Organisms which break down the dead leaves, plants and animals and convert into humus.
 - iv) The process by which new individual organism are produced.

- v) The meter that measures the distance moved by the vehicle.
 - vi) Wires made from some special materials melt quickly and break when large current are passed through them.
 - vii) A closed continuous path for flow of the current.
 - viii) Lens which is thick at the middle and thinner at the ends.
 - ix) Blood vessels that carry oxygenated blood away from the heart.
 - x) Loss of water in the form of vapour from the surface of leaves.
4. Say whether statements are true or false. 10
- i) Food break down with the use of oxygen is aerobic respiration.
 - ii) Yeast is multi-cellular organisms.
 - iii) Platelets are blood cells helps in blood clotting.
 - iv) Stethoscope is used to feel our heart beat.
 - v) Kidneys help in filtration of blood.
 - vi) In Bryophyllum roots help in vegetative propagation.
 - vii) Speed meter measure the distance moved by a vehicle.
 - viii) Combination of two or more bulbs is a battery.
 - ix) White light composed of seven colours.
 - x) When current flows through a wire, it behaves like a magnet.
5. Answer these questions. 20
- i) What is sewage? What does it contain?
 - ii) What is sludge?
 - iii) What are decomposers? How does it help us?
 - iv) Define a) Acquifer b) infiltration
 - v) Give uses of convex and concave mirrors.
 - vi) What is heating effect of current?
 - vii) Draw circuit diagram of open and closed circuits.
 - viii) Define speed and give its units.
 - ix) What are bisexual and unisexual flowers give example of each.
 - x) What is the function of heart?
6. Answer these questions. 15
- i) What are the respiratory organs of earthworm, fishes and insects?
 - ii) What si blood? Explain.
 - iii) What is pollination, cross pollination and self pollination?
 - iv) What is pendulum? Define its motion.
 - v) What is magnetic effect of current?
- OR
- Give difference between real and virtual image?
7. Answer these questions. 25
- 1) Explain working of an electric bell by using circuit diagram?
 - 2) i) What is reflection of light? Draw a ray diagram.
ii) What is lateral inversion?
 - 3) i) What is rain water harvesting?
ii) What is drip irrigation?
 - 4) What is fragmentation and spore formation?
- OR
- What is inhalation and exhalation? Draw fig of human respiratory system.
- 5) What are convex and concave lens? Draw figures and give their uses.