PREVIOUS YEAR QUESTION PAPER
SUMMATIVE ASSESSMENT-II
CLASS: VI SUBJECT : SCIENCE

Time Duration: 3 hours | Maximum Marks : 90

Q.1 Choose and write the correct option for the following: (1x12=12)

i) Which of the following is not obtained from plants?

a) cocoa b) tea

c) ghee d) resins

ii) Which of the following provide energy to us?

a) carbohydrates b) fats

c) both a and b d) none of these

iii) The soft part present in our ear

a) tendons b) bone

c) cartilage d) ligament

iv) The organ for movement in cockroach

a) legs b) wings

c) both (a) and (b) d) bones

v) Which of the following is different from others?

a) stars b) candle

c) moon d) planets

vi) Which property of substances does a shopkeeper consider while choosing a jar for keeping his grocery?

a) lustre b) floatation

c) transparency d) conductivity

vii) Which of the following can be used for making a magnet?

a) plastic b) glass

c) gold d) iron

viii) Which of the following is a natural magnet?

a) horse shoe magnet b) bar magnet

c) lodestone d) electromagnet

ix) The motion of hands of a clock

a) random motion b) rectilinear motion

c) periodic motion d) oscillatory motion

x) Which of the following is a standard unit for measuring length?

a) hand span b) cubit

c) kilometre d) foot length

xi) The gas with highest percentage in air

a) nitrogen b) oxygen

c) carbon dioxide d) hydrogen

xii) The gas released by plants during photosynthesis

a) nitrogen b) oxygen

c) carbon dioxide d) hydrogen

Q.2 Give one word/ name/ example for the following: (1x12=12)

i) The animals that eat the flesh of other animals.

ii) Pulses are the rich source of this nutrient.

iii) A chemical used for testing presence of carbohydrates in a substance.

iv) The small bones which form our backbone.

v) The small hair like structure found on the body of an earthworm which help in its movement.

vi) A liquid miscible in water.

vii) The substances which take the shape of the container.

viii) The region around a magnet where its influence can be felt

ix) The pole of a freely suspended magnet which points towards the north direction of the earth.

x) A suitable unit used for measuring thickness of a pencil

xi) Unit of mass in FPS system of units.

xii) The envelope of air around the earth.

Q.3 Give reason for the following: (2x6=12)

i) We should drink 6-8 glasses of water every day.

ii) A pair of muscles is required to move a bone.

iii) Woollen clothes keep us warm

iv) A magnet should not be heated.

v) All living organisms need food.

vi) Factories have high chimneys.

Q.4 Answer the following question: (2x6=12)

i) Name the vitamin required for maintaining good eyesight. Also name a food product which is rich source of this vitamin.

ii) Differentiate between movement and locomotion.

iii) What is a magnetic compass? Write its one use.

iv) Differentiate between a hard substance and a soft substance.

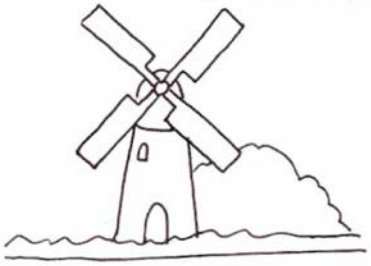
v) The length of a table is 150 cm. Convert this length into metre and millimetre.

vi) Write any two properties of air.

Q.5 Answer the following questions: (3x9=27)

i) a) Name the object shown in the following picture.

b) Write its two uses.



ii) List any three activities that are possible due to presence of air.

iii) List three precautions which should be taken while using a scale for measuring a length.

iv) a) Name and define the type of motion shown by the bee in the following picture.

b) Give an another example of this type of motion.

v) Draw the diagram of following types of magnets showing their poles

a) Bar magnet b) Cylindrical magnet c) Robinson magnet

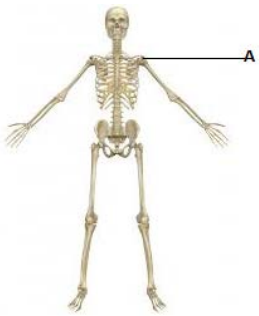
vi) a) What is meant by classification?

b) Write two uses of classification of substances.

vii) a) Name the type of joint found in part "A" of human body.

b) Describe the type of motion shown by this joint.

c) Name another part of human body where this joint is found.



viii) What are parasites? Give two examples of parasites.

ix) How is the presence of proteins tested in a food product? Explain.

Q.6 Answer the following questions: (5x3=15)

i) a) Complete the following table by filling the blanks.

Nutrient	Deficiency disease/disorder	Symptoms
Vitamin D	_____A_____	Bones become soft & bent
_____B_____	Goiter	_____C_____

b) Write two uses of water in our body.

ii) a) Differentiate between single touch method and double touch method used for making magnets.

b) Classify the magnetic and non-magnetic materials from the following

plastic scale, thumb pins, crayons, glass bottle, screw, balloon.

iii) a) Name the following organism shown in the picture.

b) How does locomotion take place in it? Explain.

c) Give the technical names of following parts/bones in human body.

i) First vertebrae ii) Skull bone