

**Class: VI**  
**Subject: Science**  
**No. of Questions: 60**  
**Duration: Min**  
**Maximum Marks:**

Biology

1) An animal that eats other animals is called?

- (A) Herbivore
- (B) Carnivore
- (C) Producer
- (D) Omnivore

Sol.(B)

An animal that eats other animals is called carnivore

2) Diseases that occur due to lack of nutrients over a long period are called \_\_\_\_?.

- (A) nutritional diseases
- (B) infectious diseases
- (C) genetical diseases
- (D) deficiency diseases

Sol.(D)

Deficiency of one or more nutrients can cause diseases or disorders in our body. Diseases that occur due to the lack of nutrients over a long period are called deficiency diseases

3) Birds or fowl kept for meat and eggs are called \_\_\_\_?

- (A) dairy
- (B) poultry
- (C) apiary
- (D) animal husbandry

Sol.(B)

Birds or fowl kept for meat and eggs are called poultry.

4) Honey bees make honey from the \_\_\_\_ of a flower.

- (A) pistil
- (B) stamen
- (C) nectar
- (D) corolla

Sol.(C)

Honey bees make honey from the nectar of a flower.

5) The food stuff having starch turns \_\_\_\_ in the presence of iodine.

- (A) yellow - blue
- (B) green - black
- (C) green - blue
- (D) blue - black

Sol.(D)

Starch containing food stuff turns blue - black after adding a few drops of iodine solution.

6) Stems have \_\_\_\_ inside that helps with the conduction of water?

- (A) spaces
- (B) pipeline
- (C) narrow tubes
- (D) holes

Sol. (C)

Stems have narrow tubes inside known as xylem. It helps in the conduction of water.

7) Vertebrates move with the help of \_\_\_\_ and muscles.

- (A) cartilage
- (B) bones
- (C) sternum
- (D) exoskeleton

Sol.(B)

Vertebrates move with the help of bones and muscles.

8) Hay is eaten by \_\_\_\_?

- (A) birds
- (B) snakes
- (C) dogs
- (D) cow

Sol.(D)

Hay is eaten by cows.

9) A herb is one having?

- (A) Annual growth
- (B) Woody short stems
- (C) A number of flower and fruits
- (D) Green soft and short stems

Sol.(D)

Herbs are small plants with green soft and short stem.

10) \_\_\_\_ makes up more than half our body weight.

- (A) Minerals
- (B) Roughage
- (C) Water
- (D) Bones

Sol. (C)

Water makes up more than half body weight. 60 - 70% of our body is because of water.

11) During respiration, plants release \_\_\_\_\_ gas.

- (A) Water vapour
- (B) Oxygen
- (C) Nitrogen
- (D) Carbon dioxide

Sol. (D)

During respiration, oxygen is taken in and carbon dioxide is given out. Therefore leaves maintain the balance of gases in nature.

**12)** Fish moves with the help of

- (A) Forelimbs
- (B) Fins
- (C) Flagella
- (D) Circular and longitudinal muscles

Sol.(D)

Fish moves with the help of circular and longitudinal muscles.

**13)** Which one is not a function of food:

- (A) Prepare protein
- (B) Help in growth
- (C) Repair body parts
- (D) Gives us energy

Sol. (A)

Prepare protein is not a function of food.

**14)** Goitre is caused due to the lack of \_\_\_\_.

- (A) sulphur
- (B) phosphorus
- (C) iodine
- (D) iron

Sol.(C)

Goitre is caused due to the lack of iodine. Glands in the neck appear swollen.

**15)** The upper arm has strong bone called?

- (A) femur
- (B) humerus
- (C) ulna
- (D) radius

Sol.(D)

The upper arm has strong bone called humerus.

**16)** Floral part that contains ovule is called?

- (A) Ovary
- (B) Stigma
- (C) Anther
- (D) Pollen tube

Sol. (A)

Floral part that contains ovule is called ovary

**17)** Hinge joint is present in?

- (A) Backbone
- (B) Elbow
- (C) Cranium
- (D) Shoulder

Sol. (B)

Hinge joint is present in shoulder.

**18)** The bony box in the skull where brain is located is called?

- (A) Tendon
- (B) Cranium
- (C) Rib cage
- (D) Socket

Sol.(B)

The bony box in the skull where brain is located is called cranium.

**19)** The plants that take support on neighbouring structures and climb up are called \_\_\_\_.

- (A) Herbs
- (B) Shrubs
- (C) Creepers
- (D) Climbers

Sol. (D)

The plants that take support on neighbouring structures and climb up are called climbers.

**20)** Any substance that is taken into the body for nourishment is called \_\_\_\_?

- (A) vitamins
- (B) food
- (C) nutrients
- (D) water

Sol.(B)

Any substance that is taken into the body for nourishment is called food. Food provides all the essential nutrients needed by the body for its normal functioning. A normal healthy person can sustain life by eating proper food

### Physics

**21)** \_\_\_\_ is considered to be the smaller unit of measurement of length.

- (A) Kilometer
- (B) Millimeter
- (C) Centimeter
- (D) Inch

Sol.(B)

Millimeter is considered to be the smaller unit of measurement of length.

**22)** The wheel of a bicycle in motion is in \_\_\_\_.

- (A) rotational motion
- (B) oscillatory motion
- (C) rectilinear motion

(D) vibratory motion

Sol.(A)

The wheel of a bicycle in motion is in rotational motion.

**23)** The invention of a/an \_\_\_\_ introduced a new source of power in transportation.

- (A) air engine
- (B) steam engine
- (C) gas engine
- (D) water engine

Sol.(B)

The invention of a steam engine introduced a new source of power. It resulted in the industrial revolution which is a milestone in the development of human civilization.

**24)** Which of the following is not always necessary to form a shadow?

- (A) Sun
- (B) Screen
- (C) Opaque object
- (D) Source of light

Sol.(A)

Sun is not always necessary to form a shadow.

**25)** The image formed on cinema screen is an example of?

- (A) Virtual image
- (B) Real diminished image
- (C) Real image
- (D) Erect image

Sol.(C)

The image formed on cinema screen is an example of real image.

**26)** \_\_\_\_ is a standard or fixed measure of a physical quantity.

- (A) Hand span

- (B) Pace
- (C) Foot
- (D) Standard unit

Sol.(D)

Standard unit is a standard or fixed measure of a physical quantity.

**27)** What is the name of phenomenon in which light change its direction after hitting the surface?

- (A) Reflection of light
- (B) Bending of light
- (C) Refraction of light
- (D) Dispersion of light

Sol.(A)

Reflection of light is the phenomenon in which light change its direction after hitting the surface.

**28)** The fixed known quantity used to measure something is called a unit of \_\_\_\_.

- (A) time
- (B) speed
- (C) measurement
- (D) velocity

Sol. (C)

The fixed known quantity used to measure something is called a unit of measurement.

**29)** Glow worm is a natural biological?

- (A) Non-luminous body
- (B) Luminous body
- (C) Sparkling body
- (D) Opaque body

Sol.(B)

Glow worm is a natural biological luminous body

**30)** Each periscope consists of.

- (A) Two mirrors
- (B) Two lens
- (C) One mirror
- (D) Three mirror

Sol. (A)

Each periscope consists of two mirrors.

**31)** In 1790, the \_\_\_\_ created a standard unit of measurement called the metric system.

- (A) Roman
- (B) Egyptian
- (C) Indian
- (D) French

Sol. (D)

In 1790, the French created a standard unit of measurement called the metric system.

**32)** Longest shadow of our body is formed during?

- (A) Before sunrise
- (B) Afternoon and morning
- (C) Noon
- (D) After sunset

Sol.(B)

Longest shadow of our body is formed during afternoon and morning.

**33)** Volume of milk in a bucket is measured in?

- (A) Meter square
- (B) Kiloliter
- (C) Liters
- (D) Milliliters

Sol.(C)

Volume of milk in a bucket is measured in liters.

**34)** The colour of shadow?

- (A) Depends upon size of the object
- (B) Is always coloured
- (C) Depends upon colour of the object
- (D) Is always black.

Sol. (D)

The colour of shadow is always black.

**35)** What kind of motion a bullet shows when fired from a gun?

- (A) Non-periodic motion.
- (B) Linear motion
- (C) Random motion
- (D) Translatory motion

Sol.(B)

When a bullet fired from a gun, it shows linear motion.

**36)** An object that allows the partial passing of light through it is called?

- (A) Opaque object
- (B) Reflecting object
- (C) Transparent object
- (D) Translucent object

Sol.(D)

An object that allows the partial passing of light through it is called translucent object.

**37)** A car moving along a straight road is in \_\_\_\_ motion.

- (A) rectilinear
- (B) circular
- (C) vibratory
- (D) oscillatory

Sol. (A)

A car moving along a straight road is in rectilinear motion.

**38)** During night, Moon appears shining although it is not a luminous body because it?

- (A) Release absorbed sunlight during night
- (B) Absorbs the sunlight during day
- (C) Has burning gas
- (D) Reflects the sunlight

Sol.(D)

During night, Moon appears shining although it is not a luminous body because it reflects the sunlight

**39)** Light always travels in straight line. This property is called?

- (A) Convergence of light
- (B) Rectilinear propagation of light
- (C) Dispersion of light
- (D) Diversion of light

Sol.(B)

Light always travels in straight line. This property is called rectilinear propagation of light.

**40)** SI unit stands for \_\_\_\_.

- (A) system of International unit
- (B) unit of International system
- (C) International system of units
- (D) unit of system International

Sol.(C)

SI unit stands for International system of units.

### Chemistry

**41)** A mixture of soil and water can be separated by \_\_\_\_.

- (A) churning
- (B) decantation

- (C) evaporation
- (D) centrifugation

Sol.(B)

A mixture of soil and water can be separated by decantation.

**42)** Synthetic fibres are made from \_\_\_\_.

- (A) plastic
- (B) wood
- (C) rubber
- (D) petroleum

Sol.(D)

Synthetic fibres are made from petroleum. In the last hundred years or so, natural fibres were replaced by fibres made from petro-chemicals. These fibres are known as synthetic fibres.

**43)** Which of the following fibres are obtained from the fleece of animals?

- (A) Jute
- (B) Cotton
- (C) Wool
- (D) Nylon

Sol.(C)

Wool is obtained from the fleece of a sheep or a goat.

**44)** Which of the following is the odd one?

- (A) Incineration
- (B) Composting
- (C) Segregation
- (D) Leaching

Sol.(C)

In this context segregation says about separation of substances. While others dealing with changing the substance from one form to another

**45)** The substance that consists of two or more element in fixed ratio is called?

- (A) Solution
- (B) Mixture
- (C) Compound
- (D) Solute

Sol.(C)

The substance that consists of two or more element in fixed ratio is called compound.

**46)** Cotton is obtained from \_\_\_\_.

- (A) yaks
- (B) plants
- (C) sheep
- (D) paper

Sol.(B)

Cotton is a natural fibre obtained from cotton plants.

**47)** The mixture of rice and pulses can be separated by \_\_\_\_.

- (A) winnowing
- (B) threshing
- (C) handpicking
- (D) churning

Sol.(C)

The mixture of rice and pulses can be separated by handpicking.

**48)** Transparency is a property of \_\_\_\_.

- (A) wood
- (B) glass
- (C) gold
- (D) paper

Sol.(B)

Transparency is a property of glass.

**49)** The fibres obtained from animals are made up of?

- (A) Proteins
- (B) Fats
- (C) Carbohydrates
- (D) Cellulose

Sol.(A)

49) The fibres obtained from animals are made up of proteins.

**50)** The change of state from liquid to gas is called \_\_\_\_.

- (A) freezing
- (B) condensation
- (C) evaporation
- (D) melting

Sol(C)

The change of state from liquid to gas is called evaporation.

**51)** Hardest known natural substance is?

- (A) Diamond
- (B) Gold
- (C) Wood
- (D) Mercury

Sol.(A)

Hardest known natural substance is diamond.

**52)** A solution of salt is a ?

- (A) Element
- (B) Homogeneous solution
- (C) Heterogeneous solution
- (D) Compound

Sol.(B)

A solution of salt is a homogeneous solution.

**53)** Which fibre is obtained from flax seed?

- (A) Cotton
- (B) Jute
- (C) Nylon
- (D) Linen

Sol.(D)

Linen is obtained from flax seed.

**54)** Silk is obtained from the \_\_\_\_ of a silkworm.

- (A) cocoon
- (B) larva
- (C) moth
- (D) tadpole

Sol.(A)

Silk is obtained from the cocoon of a silkworm.

**55)** Which is compressible in nature?

- (A) Sponge
- (B) Wood
- (C) Stone
- (D) Marble

Sol.(A)

Sponge is compressible in nature.

**56)** Sand and gravel may be separated from each other by using \_\_\_\_.

- (A) a filter funnel
- (B) an evaporating basin

- (C) a sieve
- (D) a cloth

Sol.(C)

Sand and gravel may be separated from each other by using a sieve.

**57)** Which of the following disappears in water?

- (A) Sand
- (B) Clay
- (C) Sawdust
- (D) Common salt

Sol(D)

Common salt dissolves in water, and, therefore, it disappears in water. Sand, clay and saw dust do not dissolve in water.

**58)** Which of the following substances cannot be separated by physical means?

- (A) Rice and stones
- (B) Grain seeds with stalks
- (C) Butter from milk
- (D) Sodium from sodium chloride

Sol.(D)

Sodium from sodium chloride cannot be separated by physical means. Sodium chloride is a compound made up of sodium and chlorine. The separation of sodium from sodium chloride is possible only by chemical methods.

**59)** Which of the following substance floats in water?

- (A) Earthen pots
- (B) Iron nail
- (C) Silver articles
- (D) Wooden logs

Sol.(D)

Wooden logs floats in water.

60) Process of making yarn from fibre is called?

- (A) Spinning
- (B) Yarning
- (C) Weaving
- (D) Knitting

Sol.(A)

Process of making yarn from fibre is called spinning.

askIITians