

6th Science Book Back Questions With Answers in English

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6th Std Term – III

1. Diversity of Organisms

I. Fill in the blanks.

1. _____ discovered bacteria.

Ans: Anton Van Leeuwenhoek

2. _____ is a motile plant.

Ans: Chlamydomonas

3. _____ is the friend of farmers.

Ans: earth worm

4. _____ disease is caused by virus.

Ans: Polio

5. Chicken pox is caused by _____

Ans: virus

6. Organisms differ in their character, size, nutrition, habit and habitat. This is called _____

Ans: Bio-diversity

7. Decomposition of organic wastes into manure is due to _____

Ans: Bacteria

8. Origin of Species was written by _____

Ans: Charles Darwin

9. Some _____ act as bio-fertilizer increasing the yield.

Ans: Bacteria

10. Mosquito, honey bee and house fly have _____ eyes.

Ans: compound

11. The skin of _____ and _____ are entirely covered with calcareous spicules.

Ans: Star fish, Sea cucumber

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12. Cycas and Pinus are _____ plants.

Ans: naked seeded

13. Monocot plant have _____ root system and _____ venation.

Ans: fibrous, parallel

14. Dicot plants have _____ root system and _____ venation.

Ans: tap, reticulate

15. The size of ostrich's egg is equal to the size of _____ eggs of a hen.

Ans: 22

16. Rabies is caused by _____

Ans: Virus

II. Choose the correct answer.

1. Unicellular plant

- (a) Euglena
- (b) Amoeba
- (c) **Chlamydomonas**
- (d) none of these

2. To which class does man belong?

- (a) aves
- (b) **mammals**
- (c) reptiles
- (d) none of these

3. Which is a monocot plant?

- (a) mango
- (b) jack fruit
- (c) **paddy**
- (d) none of these

4. Which is a vertebrate?

- (a) jelly fish
- (b) star fish
- (c) **eel**
- (d) none of these

5. Which is the characteristic feature of a dicot plant?

- (a) **tap root**
- (b) parallel venation
- (c) fibrous root
- (d) none of these

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6. Organisms differ in their character, size, nutrition, habit and habitat. This is called_____

- (a) Biology (b) Origin of species
(c) **Biodiversity** (d) Microbiology

7. Electron microscope was discovered by_____

- (a) Robert Gallo (b) **Ernst Ruska & Max Knoll**
(c) Charles Darwin (d) H.M.S.Beagle

8. Who discovered HIV which causes AIDS_____

- (a) **Robert Gallo** (b) Max Knoll
(c) Charles Darwin (d) H.M.S.Beagle

9. Which of the following is not a beneficial activity of bacteria_____

- (a) Curdling of milk (b) Organic waste to manure
(c) Fermentation of idly (d) **Diphtheria**

10. Which of the following is a bacterial disease seen in plants_____

- (a) Pneumonia (b) Tetanus
(c) **Citrus canker** (d) Tuberculosis

11. Which of the following is a bacterial disease seen in animals_____

- (a) **Anthrax** (b) Pneumonia
(c) Tomato blight (d) Citrus canker

12. Which of the following is an unicellular micro-organism _____

- (a) Moss (b) Virus
(c) **Amoeba** (d) Snail

13. Which of the following is the characteristic of mushroom_____

- (a) Multicellular
(b) umbrella shaped
(c) Does not contain chlorophyll
(d) **All the above**

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14. Which one of the following is the largest living organism_____

- (a) Elephant (b)Lion
(c) **Blue whale** (d) Ostrich

15. Which one of the following can sleep with his back touching the floor_____

- (a) Cat (b) Elephant
(c) **Human being** (d) Lion

16. Which of the following is an amphibious plant_____

- (a) Cycas (b)Grass
(c) **Moss** (d) Mushroom

17. Which of the following organism has compound eyes_____

- (a) Moss (b) **Honey bee**
(c) Frog (d) Elephant

18. Reticulate venation is present in _____

- (a) Grass (b) Wheat
(c) **Shoe flower** (d) Coconut

19. Which of the following is a monocot plant_____

- (a) Groundnut (b) **Mango**
(c) **Grass** (d) Bean

III. Match the following:

1. Friend of farmer a. Grass
2. Amphibian b. Frog
3. Dicotyledonous plant c. Earthworm
4. Monocotyledonous plant d. Groundnut

Ans: 1-c,2-b,3-d,4-a

2. Our Environment

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I. Choose the correct answer:

- _____ decomposes degradable substances in the soil.
(a) micro-organism (b) earthworm
(c) bird (d) **Both 'a' and 'b'**
- An example for non-biodegradable product is _____
(a) paper (b) cloth
(c) **polythene bag** (d) fodder
- Waste that can be converted into manure is _____
(a) glass (b) plastic
(c) metal (d) **household waste**
- Bio-medical wastes can be removed by _____
(a) landfill (b) composting
(c) **incineration** (d) recycling
- Organism used in vermicomposting is _____
(a) leech (b) roundworm
(c) **earthworm** (d) tapeworm
- Which of the following is a bio-degradable waste _____
(a) Rubber (b) Plastic
(c) **Dry leaves** (d) Tyre
- Which of the following is non-biodegradable waste _____
(a) Paper (b) Egg shell
(c) Orange peel (d) **Polythene bag**
- Degradable wastes can be converted into manure by using _____
(a) Hookworm (b) Lukeworm
(c) **Earthworm** (d) Ascaris
- The product formed by the worms by decomposing the wastes is termed as _____

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(a) **Vermicompost**

(b) Incineration

(c) Land filling

(d) Recycling

10. Which of the following method is most adopted to remove the waste products_____

(a) Incineration

(b) Recycling

(c) **Reuse**

(d) Land filling

11. Land filling method_____

(a) produce foul

(b) pollute the ground water

(c) pollute the air

(d) **All the above**

12. Which of the following is non-biodegradable waste_____

(a) Tea dust

(b) Dry leaf

(c) **Aluminium foil**

(d) Peel of vegetables

13. Which of the following is a biodegradable waste_____

(a) Broken toys

(b) Polythene bags

(c) Glass pieces

(d) **Food remains**

II. Match the following

1.

1. Household waste a. fertilizers, pesticides

2. Industrial waste b. medicines, syringes

3. Agriculture waste c. smoke

4. Medicinal waste d. peel of vegetables and fruits

5. Automobile wastee. chemicals

Ans: 1-d,2-e,3-a,4-b,5-c

2.

1. Vermicompost a. Incineration

2. Old cloth b. Earthworm

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3. Plastic c. Bio-degradable waste
4. Paper d. Doormats
5. Hospital e. Non bio-degradable waste

Ans: 1- b, 2-d,3-e,4-c,5-a

III. Fill in the blanks

1. _____ are dumped everywhere due to the industrial development, overpopulation and urbanization.

Ans: Wastes

2. The process of conversation of biogradable waste into manure is called _____

Ans:composting

3. The product formed by the worms by decomposing the wastes is termed as _____

Ans: Vermicompost

4. Polythene bag, aluminium foil, nail are _____ wastes.

Ans: non-biodegradable

5. Egg shell, orange peel and paper are _____ wastes.

Ans: bio-degradable

6. _____ are used in the preparation of vermicompost from the wastes.

Ans: Earthworms

3. Chemistry in Daily Life

I. Choose the correct answer.

1. Identify the one which is not a natural fibre.

- (a) silk (b) wool
(c) polyester (d) jute

2. Which kind of clothes do you prefer in summer?

- (a) nylon (b) wool
(c) silk (d) cotton

3. The clothes which are made from the fur of the animals.

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- (a) **woollen** (b) cotton
(c) silk (d) nylon
4. Which of the following is widely used in the manufacture of medical instruments?
(a) polyester (b) plastics
(c) **glass** (d) cotton
5. The important chemical substances used in the preparation of soap is _____
(a) **sodium hydroxide** (b) sodium amalgam
(c) sodium silicate (d) sodium bicarbonate
6. A mixture of sand, cement, gravel and water in correct proportion is called ____
(a) **Concrete** (b) Asbestos
(c) Mica (d) Thermite mixture
7. Which of the following is a thermosetting plastic _____
(a) Polythene (b) Plastic bucket
(c) Plastic comb (d) **Switches**
8. Which one of the following is a thermoplastic _____
(a) Handles of Pressure cooker (b) Switches
(c) Insulators (d) **Polythene bags**
9. The main raw material required to prepare soap is _____
(a) Acid (b) Alcohol
(c) **Sodium hydroxide** (d) Metal
10. Cotton fibres consist of a chemical substance called _____
(a) **Cellulose** (b) Polyvinyl chloride
(c) Polyester (d) Nylon
11. Which one of the following is a natural fibre _____
(a) Polyester (b) Nylon
(c) Rayon (d) **Silk**

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12. Which of the following is the synthetic fibre _____
- (a) Cotton (b) **Rayon**
(c) Silk (d) Jute
13. Woollen fibres are obtained from _____
- (a) Cow (b) **Sheep**
(c) Coconut fibre (d) Silk worm
14. Nylon is a _____
- (a) plastic (b) natural fibre
(c) **synthetic fibre** (d) natural chemical
15. Which clothes can be used in winter _____
- (a) Cotton (b) Silk
(c) Synthetic (d) **Woollen**
16. Which of the following is used in making spectacles _____
- (a) PVC (b) **Glass**
(c) Bakelite (d) Jute
17. _____ clothes can be used in summer.
- (a) Jute (b) Nylon
(c) Woollen (d) **Cotton**
18. Which fibre is obtained from silk worms _____
- (a) Cotton (b) Woollen
(c) Rayon (d) **Silk**
19. Which one of the following is not a raw material required for the preparation of glass _____
- (a) Sand (b) Sodium silicate
(c) **Gypsum** (d) Limestone
20. Pillars, bridges, dams can be constructed with the help of _____
- (a) **concrete** (b) plastic

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(c) glass (d) fibre

21. Paper is made of _____

(a) Jute (b) Silk

(c) **Wood pulp** (d) Coir

II. Fill in the blanks.

1. The basic raw materials used in the manufacture of cement are _____, _____ and _____.

Ans: Clay, Limestone, Gypsum

2. The expansion of P.V.C is _____

Ans: Polyvinyl chloride

3. _____ is used to make fireproof clothes.

Ans: Melamine

4. The process of slow and steady cooling of glass is called _____

Ans: annealing

5. The fibre obtained from the stem of the plant is _____

Ans: jute

6. The chemical substances present in the cotton fibre is _____

Ans: cellulose

7. The ink and chalk piece are _____ substances.

Ans: chemical

8. _____ is used to build roof, pillars, bridges and dams.

Ans: Concrete

9. Plastic which melts on heating and can be remoulded is known as _____

Ans: Thermoplastic

10. Plastic which gets hardened on heating and cannot be melted and remoulded again is termed as _____ plastic.

Ans: Thermosetting

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11. _____ is a mixture of sand, limestone and Sodium silicate.

Ans: Glass

12. Nylon and Rayon are the examples for _____

Ans: Synthetic fibres

13. Glass is obtained from chemicals like sand, limestone and _____

Ans: Sodium silicate

14. The roof of the house is laid using _____ material.

Ans: concrete

15. When plastics are burnt, they emit gases _____ which cause _____ problems.

Ans: toxic, respiratory

16. _____ is obtained from the raw materials of Sodium hydroxide, coconut oil and water.

Ans: Soap

17. Plastics do not get easily _____

Ans: degraded

18. We can prevent the spread of _____ and _____ by using soap.

Ans: viral fever, infection

19. Water bottles are made of _____

Ans: PVC

20. _____ cloth is suitable for summer season.

Ans: cotton

21. _____ cloth is suitable for winter season.

Ans: Woollen

22. _____ fibre is used in making parachute.

Ans: Synthetic

III. Match the following.

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1.

- | | |
|-----------|--------------------|
| 1. Glass | a. gypsum |
| 2. Switch | b. silica |
| 3. Tiles | c. synthetic fibre |
| 4. Cement | d. Bakelite |
| 5. Nylon | e. melamine |

Ans: 1-b,2-d,3-e,4-a,5-c

2.

- | | |
|------------|----------------------|
| 1. Nylon | a. Non-biodegradable |
| 2. Woollen | b. Cement |
| 3. Gypsum | c. Cellulose |
| 4. Plastic | d. Synthetic fibre |
| 5. Cotton | e. Sheep |

Ans: 1-d,2-e,3-b,4-a,5-c

4. Light

I. Choose the correct answer.

1. The name of the instrument invented by Galileo
- (a) microscope (b) **telescope**
- (c) mirror (d) none of these
2. which is an artificial source of light?
- (a) Sun (b) fire fly
- (c) **torch light** (d) None of these
3. An example for non-luminous body.
- (a) Sun (b) **candle**
- (c) moon (d) None of these
4. Human body is_____

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- (a) translucent (b) **opaque**
(c) transparent (d) None of these
5. The colour of the shadow of any coloured opaque object is
(a) white (b) the same colour
(c) **black** (d) None of these
6. Reflected image can be clearly seen on a _____
(a) **polished surface** (b) rough surface
(c) shadow (d) None of these
7. Which of the following is a luminous body?
(a) The sun (b) Stars
(c) Torch light (d) **All of these**
8. Which of the following is the characteristic of light?
(a) Light travels in zigzag motion (b) **Light travels in a straight line**
(c) Light travels in a bending way (d) None of these
9. Which of the following is a transparent object?
(a) Stone (b) Ball
(c) **Glass** (d) Paper
10. Which of the following is an opaque object?
(a) **Stone** (b) Glass
(c) Pure water (d) Tracing paper
11. Identify the translucent object.
(a) Stone (b) Glass
(c) Pure water (d) **Tracing paper**
12. In Lunar eclipse, which is hidden?
(a) Earth (b) Sun
(c) **Moon** (d) All of these

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13. In Solar eclipse, which acts as a screen?
- (a) **Earth** (b) Sun
(c) Moon (d) All of these
14. Who proved that Earth spins on its own axis around the Sun?
- (a) **Galileo** (b) Copernicus
(c) Thomson (d) Newton
15. The shadow of an object always forms in the _____ direction to the light source.
- (a) **opposite** (b) same
(c) side ways (d) bottom
16. Pineapple juice is an _____ object.
- (a) transparent (b) **opaque**
(c) translucent (d) clear
17. Which is required for the formation of shadow?
- (a) Source of light (b) Screen
(c) Opaque object (d) **All the above**
18. Which one does not create a shadow?
- (a) Rubber (b) Wooden scale
(c) Paper (d) **A glass of water**
19. When the shadow of the moon falls on Earth, the sun is hidden and _____ occurs.
- (a) New moon day (b) Lunar eclipse
(c) **Solar eclipse** (d) Full moon day
20. When the shadow of the earth on the moon, the moon is hidden and _____ occurs.
- (a) Solar eclipse (b) **Lunar eclipse**
(c) Full moon day (d) New moon day
21. The reason for shadow formation is the property of light that it_____
- (a) is scattered (b) **Travels in a straight line**

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(c) travels in zigzag direction

(d) all the above

22. when the sun, the earth and the moon come in straight line _____ are formed.

(a) eclipse

(b) new moon day

(c) full moon day

(d) None of these

II. Match the following:

1.

- | | |
|----------------------------|-----------------|
| 1. Artificial light source | a. moon |
| 2. Non-luminous body | b. turbid water |
| 3. Reflecting surface | c. spectacles |
| 4. Translucent object | d. tree |
| 5. Transparent object | e. disc |
| 6. Opaque object | f. burning lamp |

Ans: 1-f,2-a,3-e,4-b,5-c,6-d

2.

- | | |
|------------------|----------------------|
| 1. The Sun | a. Opaque |
| 2. Table | b. Luminous body |
| 3. Stone | c. Translucent body |
| 4. Tracing paper | d. Transparent body |
| 5. Pure water | e. Non-luminous body |

Ans: 1-b,2-e,3-a,4-c,5-d

III. Fill in the blanks:

1. The body that emits light of its own is called _____ body.

Ans: luminous

2. The body that does not emit light of its own is called _____ body.

Ans: non-luminous

3. Sunlight reaches the earth in _____

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Ans: 8 minute 20 seconds

4. ____ reflects sunlight.

Ans: Moon

5. The objects which allow light to pass through them are called ____ objects.

Ans: transparent

6. The objects which do not allow light to pass through them are called ____ objects.

Ans: opaque

7. The objects which partially allow light to pass through them are ____ objects.

Ans: translucent

8. Polished and plane reflecting surfaces produce ____

Ans: clear image

9. For the formation of a shadow, source of light, opaque object and ____ are required.

Ans: screen

11. In lunar eclipse, ____ is the opaque object.

Ans: Earth

12. In solar eclipse ____ is the opaque object.

Ans: Moon

13. Stones and balls are ____ objects.

Ans: opaque

14. According to ____ the earth is not stationary.

Ans: Copernicus

15. ____ is not a luminous body. It reflects sunlight.

Ans: Moon