

**1. Given below are names of some animals:**

- (i) Goat
- (ii) Human beings
- (iii) Cockroach
- (iv) Eagle

**Which of the above animals form a pair of omnivores?**

- (a) (i) and (ii)
- (b) (ii) and (iii)
- (c) (iii) and (iv)
- (d) (ii) and (iv)

**Ans. (b)** (ii) and (iii)

**Explanation:** Omnivores refer to the animals that consume both plants and animals. Human beings and cockroaches are omnivores.

---

**2. Honeybee makes honey from**

- (a) pollen (b) petals (c) nectar (d) bud

**Ans. (c)** Nectar

Honey bee makes honey from nectar of plants.

**3. Below are names of some animals:**

- (i) Cow (ii) Sheep (iii) Horse (iv) Ox

**Which of the above are sources of milk for human beings?**

- (a) (i) and (iii)
- (b) (i) and (ii)
- (c) (ii) and (iii)
- (d) (iii) and (iv)

**Ans. (b)** (i) and (ii)

Cow and sheep are the sources of milk.

---

**4. Given below is a list of edible plants:**

- (i) Banana
- (ii) Pumpkin
- (iii) Lady's finger
- (iv) Brinjal

**Which pair of plants have two or more edible parts?**

- (a) (i) and (ii)
- (b) (ii) and (iii)
- (c) (iii) and (iv)
- (d) (i) and (iv)

**Ans. (a)** (i) and (ii)

Banana and pumpkin have many edible parts. Flower, stem, leaves and fruit of both banana and pumpkin plants are edible.

---

**5. The part of a banana plant not used as food is**

- (a) flower
- (b) Fruit
- (c) Stem
- (d) root

**Ans. (d)**root

Roots of banana plant are not edible.

---

**6. Read each set of terms and identify the odd set**

- (a) Cow, milk, butter
- (b) Hen, meat, egg
- (c) Goat, milk, meat
- (d) Plant, vegetable, butter milk

**Ans. (d)** Plant, vegetable, butter milk

Plant, vegetable and butter milk forms the odd pair because all other food items are naturally obtained but milk undergoes processing and turns to butter milk.

**7. Which one of the following food item does not provide dietary fibre?**

- (a) Whole grains
- (b) Whole pulses
- (c) Fruits and vegetables
- (d) Milk

**Ans. (d)** Milk does not provide dietary fibres. It provides proteins and calcium.

---

**8. Which of the following sources of protein is different from others?**

- (a) Peas
- (b) Gram
- (c) Soyabeans
- (d) Cottage cheese (paneer)

**Ans. (d)** Paneer also provides protein but it is different from other sources mentioned in the option because all others are pulses but paneer is a milk product.

---

**9. Which of the following nutrients is not present in milk?**

- (a) Protein
- (b) Vitamin C
- (c) Calcium
- (d) Vitamin D

**Ans. (b)** Vitamin C is not present in milk.

---

**10. Read the food items given below:**

- (i) Wheat
- (ii) Ghee
- (iii) Iodised salt
- (iv) Spinach (palak)

**Which of the above food items are “energy giving foods”?**

- (a) (i) and (iv)
- (b) (ii) and (iv)
- (c) (i) and (ii)
- (d) (iii) and (iv)

**Ans. (c)** The food containing carbohydrates and fats are energy giving food items. Out of the given options wheat contains carbohydrates and ghee contains fats and hence are sources of energy.

---

**11. Read the following statements about diseases.**

- (i) They are caused by germs.
- (ii) They are caused due to lack of nutrients in our diet.
- (iii) They can be passed on to another person through contact.
- (iv) They can be prevented by taking a balanced diet.

**Which pair of statements best describe a deficiency disease?**

- (a) (i) and (ii)
- (b) (ii) and (iii)
- (c) (ii) and (iv)
- (d) (i) and (iii)

**Ans. (c)** Deficiency diseases are caused due to the lack of certain nutrients in body. Therefore, it is always recommended to consume balance diet.

---

**12. Given below are the steps to test the presence of proteins in a food item:**

- (i) Take a small quantity of the food item in a test tube, add 10 drops of water to it and shake it.
- (ii) Make a paste or powder of food to be tested.
- (iii) Add 10 drops of caustic soda solution to the test tube and shake well.
- (iv) Add 2 drops of copper sulphate solution to it.

**Which of the following is the correct sequence of the steps?**

- (a) i, ii, iv, iii
- (b) ii, i, iv, iii

- (c) ii, i, iii, iv
- (d) iv, ii, i, iii

**Ans. (b)** The correct sequence of testing the presence of proteins is ii, i, iv, iii.

**13. An iron nail is kept in each of the following liquids. In which case would it lose its shine and appear dull?**

- (a) Mustard oil
- (b) Soft drink
- (c) Coconut oil
- (d) Kerosene

**Ans. (b)** An iron nail is kept in soft drink will lose its shine and appears dull.

---

**14. Pick one material from the following which is completely soluble in water.**

- (a) Chalk powder
- (b) Tea leaves
- (c) Glucose
- (d) Saw dust

**Ans. (c)** Glucose will completely dissolve in water and hence is soluble.

---

**15. You are provided with the following materials.**

- (a) Magnifying glass
- (b) Mirror
- (c) Stainless steel plate

(d) Glass tumbler

**Which of the above materials will you identify as transparent?**

(a) (i) and (ii)

(b) (i) and (iii)

(c) (i) and (iv)

(d) (iii) and (iv)

**Ans. (c)** Magnifying glass and glass tumbler are transparent and hence things can be seen through them.

---

**16. Boojho found a bag containing the following materials**

(i) Mirror

(ii) Paper stained with oil

(iii) Magnet

(iv) Glass spectacles

**Help Boojho in finding out the material(s) which is/are opaque.**

(a) (i) only

(b) (iv) only

(c) (i) and (iii)

(d) (ii) and (iv)

**Ans. (c)** Mirror and magnet are opaque as objects cannot be seen through them.

---

**17. Which pair of substances among the following would float in a tumbler half filled with water?**

- (a) Cotton thread, thermocol
- (b) Feather, plastic ball
- (c) Pin, oil drops
- (d) Rubber band, coin

**Ans. (b)** Feather and plastic ball would float in a tumbler half filled with water.

---

**18. Which among the following are commonly used for making a safety pin?**

- (a) Wood and glass
- (b) Plastic and glass
- (c) Leather and plastic
- (d) Steel and plastic

**Ans. (d)** Steel and plastic are used to manufacture safety pin.

---

**19. Which of the following materials is not lustrous?**

- (a) Gold
- (b) Silver
- (c) Wood
- (d) Diamond

**Ans. (c)** Wood is not lustrous.

---

**20. Which of the following statements is not true?**

- (a) Materials are grouped for convenience.
- (b) Materials are grouped to study their properties.
- (c) Materials are grouped for fun.
- (d) Materials are grouped according to their uses.

**Ans. (c)** Materials are not grouped for fun. Instead they are grouped to study their properties, for convenience, and according to their uses.

---

**21. Find the odd one out from the following**

- (a) Tawa
- (b) Spade
- (c) Pressure cooker
- (d) Eraser

**Ans. (d)** Eraser is made of rubber whereas rests all are made of metal.

---

**22. Which type of the following materials is used for making the front glass (wind screen) of a car?**

- (a) Transparent
- (b) Translucent
- (c) Opaque
- (d) All the above

**Ans. (a)** Transparent materials are used for making the front glass of car so that things can easily be seen through it.

23. The method of separation used to separate stone from rice is \_\_\_\_\_.
- hand picking
  - threshing
  - winnowing
  - filtration
24. The separation of grains from husk is done by the process of \_\_\_\_\_.
- hand picking
  - sieving
  - winnowing
  - threshing
25. Salt is obtained from sea water mainly by the process of \_\_\_\_\_.
- decantation
  - filtration
  - evaporation
  - condensation
26. Chalk powder suspension in water can be separated by \_\_\_\_\_.
- filtration
  - evaporation
  - condensation
  - decantation

### **Answer key**

23. a
24. c
25. c
26. a
27. Which of these plants is a shrub?
- Coriander
  - Mint
  - Radish
  - Bougainvillea
28. Which of these plants have fibrous roots?
- Teak
  - Neem
  - Mango
  - Maize

29. Leaves of which of these plants show parallel venation?  
a. Neem  
b. Banyan  
c. Bamboo  
d. Eucalyptus
30. The most colourful part of flower is \_\_\_\_\_.  
a. stamen  
b. sepal  
c. petal  
d. pistil

### Answer Key

27. d  
28. d  
29. c  
30. c

31. Which part of a mustard plant is edible?

- (a) Seeds and flowers
- (b) Leaves and flowers
- (c) Seeds and leaves
- (d) Stem and roots

Answer:(c) Seeds and leaves

Explanation:

Seeds of mustard are used for oil and spices while leaves are used as vegetables.

32. Honey bees are often seen sitting on flowers. Why do they do so?

- (a) They like flowers
- (b) They lay eggs on flowers
- (c) They suck nectar from flowers
- (d) All of these

Answer: (c) They suck nectar from flowers

Explanation:

Bees collect nectar from flowers and convert it into honey.

33. Which one is the best for health?

- (a) Boiled seeds
- (b) Roasted seeds
- (c) Wet swollen seeds
- (d) Sprouted seeds

Answer: (d) Sprouted seeds

Explanation:

Sprouted seeds are the best for health.

34. Which one of the following set comprises only herbivorous animals?

(a) Cow, goat, rabbit, deer

(b) Cow, goat, rabbit, wolf

(c) Wolf, goat, rabbit, deer

(d) Cow, crow, crane, camel

Answer: (a) Cow, goat, rabbit, deer

Explanation:

Wolf and crow are not herbivorous.

35. Animals which eat both plants and flesh of other animals are called

(a) herbivores

(b) carnivores

(c) omnivores

(d) sanguinivores

Answer: (c) omnivores

Explanation:

Animals which eat both plants and flesh of other animals are called omnivores.

36. Human beings are

(a) herbivores

(b) carnivores

(c) omnivores

(d) decomposers

37. Answer: (c) omnivores

Explanation:

Human beings eat herbs as well as meat and eggs.

38. Which one of the following sets is not correct?

(a) Cow, rabbit, deer, goat

(b) Tiger, lion, wolf, panther

(c) Bear, crow, cat

(d) Rabbit, deer, cat, wolf

Answer: (d) Rabbit, deer, cat, wolf

Explanation:

All other sets have only one type of animals.

39. Which one is not a food for a squirrel?

(a) Grains

(b) Small insects

(c) Fruits

(d) All of these

40. Answer: (b) Small insects

Explanation:

Squirrel is a herbivorous animal.

41. Rearing and management of fishes in large scale is called  
(a) agriculture  
(b) apiculture  
(c) pisciculture  
(d) horticulture

Answer: (c) pisciculture

Explanation:

Rearing and management of fishes is called pisciculture.

42. Which of the following is a root vegetable ?  
(a) Potato  
(b) Carrot  
(c) Cucumber  
(d) Onion

Answer: (b) Carrot

Explanation:

Carrot is a root.

[Fill in the blanks with appropriate words:](#)

43. 1. We feel ..... when we have no food for some time.

Answer: weak

44. .... living beings need food.

Answer: All

45. Children need food for .....

Answer: growth

46. If food is not given for long, most of the known living beings will .....

Answer: die

47. We get ..... after eating food.

Answer: energy

48. Different organisms eat ..... kinds of food.

Answer: different

49. Mustard ..... are used as spices and oil.

Answer: seeds

50. We get food from ..... as well as animals.

Answer: Plants

51. We use ..... energy when we run than when we walk.

Answer: more

52. We use ..... energy when we sleep.

Answer: more

53. Each of us should make sure not to ..... food.

Answer: waste

54. Human beings are .....

Answer: omnivore

**State -whether the statements given below are True or False:**

55. Different people have different choices of food.

Answer: True

56. If a person does not get food he feels weak and is likely to fall ill.

Answer: True

57. Human beings, animals, birds, insects, etc. eat the same type of food.

Answer: False

58. There is no effect on our ability to do work even if we do not eat food for a day.

Answer: False

59. Lion is omnivorous.

Answer: False

60. Plants give us more varieties of food than animals.

Answer: True

61. Cooked food can be easily consumed and absorbed by our body.

Answer: True

62. There is a range of food items eaten over various states of India.

Answer: True

63. For every item that we eat there are a number of persons who have contributed.

Answer: True

64. Leaves absorb sunlight and prepare food using chlorophyll.

Answer: True

**66. Pick the change that can be reversed from the following**

- (a) Cutting of trees
- (b) Melting of ghee
- (c) Burning of candle
- (d) Blooming of flower

**Ans. (b)** Melting of ghee can be reversed. If it is cooled it solidifies. And hence the change can be reversed.

**66. Which of the following change cannot be reversed?**

- (a) Hardening of cement
- (b) Freezing of ice cream
- (c) Opening a door
- (d) Melting of chocolate

**Ans. (a)** Hardening of cement cannot be reversed. Cement once hardened cannot be further reversed. Whereas all other situations mentioned in the options can be reversed.

**67. An iron ring is heated. Which of the following statement about it is incorrect?**

- (a) The ring expands.
- (b) The ring almost comes to the same size on cooling.
- (c) The change in this case is reversed.
- (d) The ring changes its shape and the change cannot be reversed.

**Ans. (d)** Iron on heating expands and hence can be shaped into any shape of our choice and this change is reversible.

**68. While lighting a candle, Paheli observed the following changes**

- (i) Wax was melting.
- (ii) Candle was burning.
- (iii) Size of the candle was reducing.
- (iv) Melted wax was getting solidified.

**Of the above, the changes that can be reversed are**

- (a) (i) and (ii)
- (b) (ii) and (iii)
- (c) (iii) and (iv)
- (d) (i) and (iv)

**Ans. (d)** Melting of wax and solidification of melted wax is a reversible change. The wax melts on heating and solidifies on cooling.

**69. Salt can be separated from its solution (salt dissolved in water), because**

(a) mixing of salt in water is a change that can be reversed by heating and melting of salt.

(b) mixing of salt in water is a change that cannot be reversed.

(c) mixing of salt in water is a permanent change.

(d) mixing of salt in water is a change that can be reversed by evaporation.

**Ans. (d)** Mixing of salt in water is a change that can be reversed by evaporation. Water gets evaporated and crystal of salt are obtained as final product.

**70. Rolling of chapati and baking of chapati are the changes that**

(a) can be reversed.

(b) cannot be reversed.

(c) can be reversed and cannot be reversed, respectively.

(d) cannot be reversed and can be reversed, respectively.

**Ans. (c)** Rolling of chapatti can be reversed and mixed with the dough but once the chapatti is baked the change cannot be reversed.

---

**71. Iron rim is made slightly smaller than the wooden wheel. The rim is usually heated before fixing into the wooden wheel, because on heating the iron rim**

(a) expands and fits onto the wooden wheel.

(b) contracts and fits onto the wooden wheel.

(c) no change in the size takes place.

(d) expands first, then on cooling contracts and fits onto the wooden wheel.

**Ans. (d)** Iron rim is made slightly smaller than the wooden wheel. The rim is usually heated before fixing into the wooden wheel, because on heating the

iron rim expands first, then on cooling contracts and fits onto the wooden wheel.

**72. Which of the following parts of our body help us in movement?**

- (i) Bones
- (ii) Skin
- (iii) Muscles
- (iv) Organs

**Choose the correct answer from the option below.**

- (a) (i) and (iii)
- (b) (ii) and (iv)
- (c) (i) and (iv)
- (d) (iii) and (ii)

**Ans. (a)** Bones and muscles helps in the movement of body parts.

---

**73. Which of the following joints is immovable?**

- (a) Shoulder and arm
- (b) Knee and joint
- (c) Upper jaw and skull
- (d) Lower jaw and upper jaw

**Ans. (c)** Upper jaw and skull are immovable joints of human body.

---

**74. Which of the following organisms does not have both muscles and skeleton for movement?**

- (a) dog
- (b) snail
- (c) earthworm
- (d) human being

**Ans. (c)** Earthworm does not have both muscles and skeleton for movement. (Instead of bony skeleton It has Liquid skeleton )

---

**75. Underwater divers wear fin-like flippers on their feet to**

- (a) swim easily in water.
- (b) look like a fish.
- (c) walk on water surface.
- (b) walk over the bottom of the sea (sea bed).

**Ans. (a)** Fin-like flippers helps the underwater divers to swim easily. They provide the same support in swimming as that provide by fins to fish .

---

**76. Snail moves with the help of its**

- (a) shell
- (b) bone
- (c) muscular foot
- (d) whole body

**Ans. (c)** Snails moves on the layer of mucus secreted by its muscular foot.

---

**77. How many muscles work together to move a bone?**

- (a) One
- (b) Two
- (c) Three
- (d) Four

**Ans. (b)** Two muscles work together to move a bone. when one contracts, the other extends and vice-versa to move a bone at a joint.

78. The movement of earth around the sun is an example of
- a. Circular motion
  - b. Periodic motion
  - c. Oscillatory motion
  - d. Translatory motion
79. The standard unit of length in SI system is
- a. Yard
  - b. Foot
  - c. Metre
  - d. Centimeter
80. What device should a tailor use to measure the length of cloth?
- e. Measuring rod
  - f. Measuring tape
  - g. Scale
  - h. String
81. One cm is equal to
- i. 10 mm
  - j. 1 km
  - k. 1000 m
  - l. 1 m

### Answer key

- 78. b
- 79. c
- 80. b

81. a
82. Which one is a transparent object?  
a. Stone b. Reading glass c. Wax paper d. Dense fog
83. Light is a form of  
a. Energy b. Power c. Mass d. Length
84. Which of the following will not form circular shadow  
a. A circular disk b. Shoe box c. Ice-cream cone d. A ball
85. Shadow is formed by  
a. Transparent object b. Translucent object c. Opaque object d. All of these.

### Answer key

---

82. (b)
83. (a)
84. (b)
85. (c)
86. Combination of two or more cell in series is called  
a. Dynamo  
b. Transistor  
c. Battery  
d. Insulator
87. Filament of electric bulb is made up of  
a. Tungsten  
b. Iron  
c. Copper  
d. Aluminum
88. Which one is not a good conductor of electricity?  
e. Copper  
f. Silver  
g. Plastic  
h. Graphite
89. Closed and continuous path of electric current is called  
i. Resistance

- j. Circuit
- k. Connector
- l. Insulator

### **Answer key**

- 86. c
- 87. a
- 88. c
- 89. b

90. Which of the following is not a magnetic substance?
- a. Cobalt
  - b. Nickel
  - c. Iron
  - d. Silver
91. Magnet was first discovered about 5000 years ago in the rocks of
- a. Meghalaya
  - b. Manipur
  - c. Magnesia
  - d. Munich
92. Magnetic strength of the magnet is
- e. Concentrated in the centre of magnet
  - f. Concentrated at one of the poles of the magnet
  - g. Concentrated at both the poles of the magnet
  - h. Distributed uniformly throughout the magnet.
93. One of these is not a property of the magnet
- i. Like poles repels and unlike poles attract
  - j. A magnetic compass is used by sailors to know the direction
  - k. Like poles attract and unlike poles repels
  - l. Alloy like alnico is used in making temporary magnet.

### **Answer key**

- 90. d

91. c  
92. c  
93. c
94. Water is a /an  
a. Element b. Compound c. Mixture d. Solution
95. The process of changing water vapour into water is called  
a. Evaporation b. Boiling c. Condensation d. Sedimentation
96. Which one is not a natural source of water  
b. Pond b. River c. Lake d. Canal
97. Loss of water by plants is called  
c. Transpiration b. Condensation c. Transportation d. Evaporation

### Answer key

94. b  
95. c  
96. b  
97. a
98. The nitrogen content in air is  
1. 78% b. 88% c. 68% d. 21%
99. The presence of air around can be proved by  
a. Seeing it b. Smelling it c. Its colour d. Feeling it when moves.
100. The active part of air is  
b. Carbon dioxide b. Oxygen c. Carbon monoxide d. Rare gases
101. A gas used for welding purpose is  
c. Oxygen b. Nitrogen c. Carbon dioxide d. None of these

### Answer key

98. (a)  
99. (d)  
100. (b)

101. (a)
102. Which of the following is biodegradable?
- Orange peels
  - Aluminium foil
  - Aluminium
  - Plastic bottle
103. To reduce plastic waste we should
- Burn it
  - Bury in the earth
  - Dump it in sea
  - Minimize its use
104. Example of household garbage is
- Crockery pieces
  - Dal packets
  - Vegetable peels
  - All of these.
105. A person who separates articles into various categories and sell for recycling
- Vegetable seller
  - Kabadiwala
  - Factory worker
  - House-cleaner

### **Answer key**

102. a
103. d
104. d
105. b
106. Which one of the following is a synthetic fibre?
- Nylon
  - Rayon
  - Polyester
  - All of these

**Answer** Answer: (d) All of these

107. Which is a natural fibre?  
(a) Silk  
(b) Nylon  
(c) Rayon  
(d) All of these

Answer: (a) Silk

108. The clothes are made up of thinner and thinner strands called  
(a) yam  
(b) thread  
(c) fibre  
(d) fabric

Answer: (c) fibre

109. Separation of fibres of cotton from its seeds is known as  
(a) weaving  
(b) spinning  
(c) knitting  
(d) ginning

Answer: (d) ginning

Explanation:

Cotton fibres are separated from seeds by combing and the process is called ginning.

110. Jute fibres are obtained from  
(a) stem of jute plant  
(b) seeds of jute plant  
(c) fruit covering of jute plant  
(d) roots of jute plant

Answer: (a) stem of jute plant

Explanation:

Jute fibres are obtained from the stem of jute plant.

111. Number of yams used to make fabric by weaving and knitting are  
(a) two sets of yams in each case  
(b) single yam in each case  
(c) two sets of yams in weaving and single in knitting  
(d) single yam in weaving and two sets in knitting

Answer: (c) two sets of yams in weaving and single in knitting

Explanation:

In weaving two sets of yam are arranged while knitting is done by a single yam.

112. Weaving of fabric is done in

- (a) handlooms
- (b) power looms
- (c) both (a) and (b)
- (d) takli

Answer: (c) both (a) and (b)

Explanation:

Weaving is done both in handlooms and power looms.

113.

Which one is spinning device?

- (a) Takli
- (b) Loom
- (c) Charkha
- (d) Both (a) and (c)

Answer: (d) Both (a) and (c)

Explanation:

In looms, fabric is woven; while by takli and charkha, yam is made.

114.

Which of the following is a plant fibre?

- (a) Wool
- (b) Silk
- (c) Cotton
- (d) Nylon

Answer: (c) Cotton

Explanation:

Cotton is a plant fibre.

115.

The right time to cut jute plants is

- (a) matured stage
- (b) before flowering stage
- (c) flowering stage
- (d) any time after flowering

Answer: (c) flowering stage

Explanation:

Jute plants are usually cut at the flowering stage.

1. Which one of the following is a carnivore animal?

A Sparrow

B Owl

C Parrot

D Cow

*Answer: Parrot*

2. Which of the following is NOT an ingredient for preparing Dal?

A Pulses

B Kerosene

C Oil or Ghee

D Salt

*Answer: Kerosene*

3. What are the ingredients of preparing Chapati?

A Atta (Wheat Flour) only

B Water only

C Both Atta and water

D None of these

*Answer: Both Atta and water*

4 Humans are:

A Carnivores

B Herbivores

C Omnivores

D None of these

*Answer: Omnivores*

5 The part of a banana plant not used as food is

A root

B stem

C flower

D fruit

*Answer: root*

6 Animals which eat both animals flesh as well as plants are called \_\_\_\_\_. • (a) (b) (c) (d)

A Carnivores

B Herbivores

C Omnivores

D None of these

*Answer: Omnivores*

7 Which of the following gives eggs?

- A Duck
- B Donkey
- C Cow
- D Goat

*Answer: Duck*

8 Which of the following is a protective food?

- A milk
- B oils & fats
- C fruits
- D cereals

*Answer: fruits*

9 Which of the following method used to separate two miscible liquids?

- A Separating funnel
- B Sieving
- C Winnowing
- D Sublimation

*Answer: Separating funnel*

10 Hand picking method is effective in

- A gaseous mixture
- B solid mixture
- C liquid mixture
- D none of these

*Answer: solid mixture*

11 Which of the following is essential to perform winnowing activity?

- A soil
- B water
- C wind
- D none of these

*Answer: wind*

12 The process of settling down of particles of a solid in a liquid is known as

- A sublimation
- B sedimentation
- C decantation
- D precipitation

*Answer: sedimentation*

13 Which one of the following will float on water?

- A Iron nails
- B Dry leaves
- C Stone
- D Steel

*Answer: Dry leaves*

14 Find the odd one?

- A Jasmine
- B Rose
- C Potato
- D Lily

*Answer: Potato*

15 A liquid which contains the dissolved material is known as \_\_\_\_\_.

- A solvent
- B solution
- C solute
- D none of these

*Answer: solvent*

16 Butter paper is

- A transparent
- B oily
- C opaque
- D translucent

*Answer: translucent*

17 material which does not dissolve completely into water is called \_\_\_\_\_.

- A soluble
- B insoluble
- C opaque
- D translucent

*Answer: insoluble*

18 As you cannot see through objects made from materials, such materials are called \_\_\_\_\_.

- A transparent
- B opaque
- C translucent
- D none of these

*Answer: opaque*

19 Which one of the following is insoluble in water?

- A oxygen
- B sugar
- C salt
- D sawdust

*Answer: sawdust*

20 Materials that are difficult to compress are called \_\_\_\_\_

- A hard materials
- B soft materials
- C sponge materials
- D none of these

*Answer: hard materials*

21 Which of the following is lustrous material?

- A wood

- B plastic
- C copper
- D chalk

*Answer: copper*

22 Which one of the following is not an un-stitched piece of fabric?

- A Saree
- B Dhoti
- C Lungi
- D Trousers

*Answer: Trousers*

23 Woody perennial, single main stem called trunk, which gives out number of branches. These plants are \_\_\_\_\_.

- A Herbs
- B Shrubs
- C Trees
- D none of these

*Answer: Trees*

24 Woody perennials, attain height between 3m to 5m, bushy appearance, profused branched stems from the ground. These plants are \_\_\_\_\_.

- A Herbs
- B Shrubs
- C Trees
- D none of these

*Answer: Shrubs*

25 Small plants, soft peroshable stems, attain height upto five feet, generally annuals and biennials. These plants are \_\_\_\_\_.

- A Herbs
- B Shrubs
- C Trees
- D none of these

*Answer: Herbs*

26 Salt is separated from seawater by

- A evaporation
- B condensation
- C decantation
- D filtration

*Answer: evaporation*

27 Spoilage of food is \_\_\_\_\_

- A reversible change
- B fast change
- C undesirable change
- D periodic change

*Answer: undesirable change*

28 Which of the following change is non-periodic?

- A heartbeat
- B earthquake
- C an occurrence of day and night
- D oscillation of pendulum

*Answer: earthquake*

29 Iron rim is made slightly smaller than the wooden wheel. The rim is usually heated before fixing into the wooden wheel because on heating the iron rim

- A expands and fits onto the wooden wheel
- B contracts and fits onto the wooden wheel
- C no change in the size takes place
- D expands first, then on cooling contracts and fits onto the wooden wheel

*Answer: expands first, then on cooling contracts and fits onto the wooden wheel*

30 Rolling of chapatti and baking of chapatti are the changes that

- A can be reversed
- B cannot be reversed
- C can be reversed and cannot be reversed, respectively
- D cannot be reversed and can be reversed, respectively

*Answer: can be reversed and cannot be reversed, respectively*

31 Salt can be separated from its solution (salt dissolved in water) because

- A mixing of salt in water is a change that can be reversed by heating and melting of salt
- B mixing of salt in water is a change that cannot be reversed
- C mixing of salt in water is a permanent change
- D mixing of salt in water is a change that can be reversed by evaporation

*Answer: mixing of salt in water is a change that can be reversed by evaporation*

32 The process of separating fibres from the seeds by combing is known as \_\_\_\_\_.

- A ginning
- B knitting
- C spinning
- D weaving

*Answer: ginning*

33 The shape of a shadow depends on which of the following.

- A shape of the opaque object
- B colour of screen
- C colour of the object
- D all of these

*Answer: shape of the opaque object*

34 A \_\_\_\_\_ eclipse occurs when earth comes between sun and moon in a straight line.

- A solar
- B lunar
- C shadow
- D none of these

*Answer: lunar*

35 If we are able to see anything clearly through an object, then such an object is said to be a \_\_\_\_\_ object.

- A transparent
- B opaque
- C translucent
- D none of these

*Answer: transparent*

36 Which one of the following is not a luminous object?

- A moon
- B star
- C lit candle
- D sun

*Answer: moon*

37 Objects that emit light on their own are called \_\_\_\_\_

- A Ligth Objects
- B Luminous bodies
- C Non-Luminous bodies
- D Opaque bodies

*Answer: Luminous bodies*

38 Motion of wheel of a car is an example of \_\_\_\_\_

- A translatory motion
- B rectilinear motion
- C curvilinear motion
- D circular motion

*Answer: circular motion*

39 Which of the following nutrients is not present in milk?

- A Protein
- B Vitamin C
- C Calcium
- D Vitamin D

*Answer: Vitamin C*

40 The animals which eat only plants are called

- A Herbivores
- B Insectivores
- C Carnivores
- D Omnivores

*Answer: Herbivores*

41 Which of the following is not a milk product?

- A cheese
- B butter
- C honey
- D yogurt

*Answer: honey*

42 Materials required to prepare a food item are called

- A Nutrients
- B Ingredients
- C Nourishments
- D Minerals

*Answer: Ingredients*

43 Goitre: swelling of thyroid glands occurs due to the deficiency of \_\_\_\_\_.

- A iron
- B potassium
- C phosphorus
- D iodine

*Answer: iodine*

44 Which of the following is considered as 'body building foods'?

- A Proteins
- B Vitamins
- C Fats
- D Carbohydrates

*Answer: Proteins*

45 Which of these fibres is non-biodegradable?

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

*Answer: Nylon*

46 The thinner strands of thread are called as \_\_\_\_\_

- A Fibres
- B Fabric
- C yarns
- D cotton bolls

*Answer: Fibres*

47 Clothes dry faster when there is \_\_\_\_\_ water vapour in air.

- A less
- B more
- C either less or more
- D none of these

*Answer: less*

48 Which gas present in atmosphere allows substances to burn?

- A Nitrogen
- B Carbon Dioxide
- C Oxygen
- D Ozone

*Answer: Oxygen*

49 A gas is colourless, odourless, heavier than air and extinguishes fire. Name the gas?

- A Nitrogen
- B Carbon Dioxide
- C Hydrogen
- D Oxygen

*Answer: Carbon Dioxide*

50 Which gas is produced by plants during photosynthesis?

- A Nitrogen
- B Carbon Dioxide
- C Hydrogen
- D Oxygen

*Answer: Oxygen*

51 Which one of the following statement is TRUE?

- A Air is opaque.
- B Air is made of one substance only.
- C Air contains water vapour.
- D Air contains large amount of inert gases.

*Answer: Air contains water vapour.*

52 Identify the gas “Odourless, Colourless, Heavier than air, supports combustion”

- A Nitrogen
- B Oxygen
- C Carbon Dioxide
- D Water vapours

*Answer: Oxygen*

53 Which one of the following has the major part in air?

- A Nitrogen
- B Oxygen
- C Carbon Dioxide
- D Helium

*Answer: Nitrogen*

54 The blanket of gases that surrounds the earth is called \_\_\_\_\_.

- A air
- B atmosphere
- C lithosphere
- D biosphere

*Answer: atmosphere*

55 Which of the following is the purest form of water?

- A rainwater
- B sea water
- C lake water
- D river water

*Answer: lake water*

56 The water fit for drinking is called \_\_\_\_\_.

- A river water

- B groundwater
- C rainwater
- D potable water

*Answer: river water*

57 Water freezes at \_\_\_\_\_ to a solid-state called snow or ice.

- A 0°C
- B 10°C
- C 25°C
- D 100°C

*Answer: 25°C*

58 The circulation of water between ocean and land is known as the \_\_\_\_\_.

- A oxygen cycle
- B water cycle
- C nitrogen cycle
- D none of these

*Answer: oxygen cycle*

59 When ice water is poured into a glass, tiny water droplets of water appear on the outside of glass due to \_\_\_\_\_.

- A condensation
- B evaporation
- C sublimation
- D transpiration

*Answer: condensation*

60 Which of the following will lead to a reduction in the availability of groundwater?

- A plantation
- B rainwater harvesting
- C constructing more lakes
- D building concrete roads

*Answer: building concrete roads*

61 The process of falling down of water in the form of rain, snow or hail is called \_\_\_\_\_.

- A precipitation
- B sublimation
- C evaporation
- D condensation

*Answer: precipitation*

62 The process of changing water into ice is called \_\_\_\_\_.

- A sublimation
- B evaporation
- C freezing
- D precipitation

*Answer: freezing*

63 Which of the following is a natural magnet?

- A Iron

- B Magnetite
- C Nickel
- D Cobalt

*Answer: Magnetite*

64 Which of the following action will NOT make a magnet loose its magnetic properties?

- A Drop a magnet from height
- B Hammer a magnet
- C Pass Electric current from a current
- D Heat a magnet

*Answer: Pass Electric current from a current*

65 Part of the plant which conducts water to all parts of the plant is called as \_\_\_\_\_.

- A Leaf
- B Root
- C Flower
- D Stem

*Answer: Stem*

66 The part of a leaf by which it is attached to the stem is called \_\_\_\_\_.

- A Petiole
- B Lamina
- C Midrib
- D Node

*Answer: Petiole*

67 Part of a plant which is the main site for photosynthesis is \_\_\_\_\_.

- A Flower
- B Leaf
- C Stem
- D Root

*Answer: Leaf*

68 Which one of the following is not the function of leaf normally?

- A Photosynthesis
- B Transpiration
- C Respiration
- D Transportation

*Answer: Transportation*

69 Which of the following is an example of hinge joint?

- A Ankle
- B Sternum
- C Shoulder Joint
- D Atlas

*Answer: Ankle*

70 Which bone protects the lower abdominal organs such as the urinary bladder, rectum and uterus?

- A Sternum

- B Pelvic bone
- C Spine
- D Skull

*Answer: Pelvic bone*

71 A muscle can \_\_\_\_\_

- A pull only
- B push only
- C pull and push
- D none of these

*Answer: pull only*

72 Snail moves with the help of its

- A shell
- B bone
- C muscular foot
- D whole body

*Answer: shell*

73 The undulatory locomotion is found in

- A birds
- B fish
- C earthworms
- D snakes

*Answer: snakes*

74 The surroundings where organisms live is called a \_\_\_\_\_.

- A habitat
- B habit
- C dwellings
- D adaptation

*Answer: habitat*

75 In Cactus plants, the leafy like structure in actual is a \_\_\_\_\_.

- A leaf
- B root
- C flower
- D stem

*Answer: stem*

76 Which one of the following statement is false?

- A Rubber is a bad conductor of electricity.
- B In general metals are good conductor of electricity.
- C Our body is a bad conductor of electricity.
- D The bulb glows only when current flows through the circuit.

*Answer: Our body is a bad conductor of electricity.*

77 \_\_\_\_\_ are materials that do not allow electric current to pass through them.

- A Insulators
- B Conductors

C Switch

D Battery

*Answer: Insulators*

78 Materials which allow current to pass through them easily are called?

A Insulators

B Conductors

C Switch

D Battery

*Answer: Conductors*

79 Electric Cell (Battery) as shown in the figure, pointer 'B' indicates \_\_\_\_\_.

A Filament

B Holder

C Positive Terminal

D Negative Terminal

*Answer: Negative Terminal*

80 Electric Cell (Battery) as shown in the figure, pointer 'A' indicates \_\_\_\_\_.

A Filament

B Holder

C Positive Terminal

D Negative Terminal

*Answer: Positive Terminal*

81 The light from the sun reaches the earth in

A 8.33 minutes

B 8.33 seconds

C 18.33 minutes

D 88.33 seconds

*Answer: 8.33 minutes*

82 A \_\_\_\_\_ is an instrument used for observing objects from a hidden position.

A telescope

B microscope

C periscope

D kaleidoscope

*Answer: periscope*

83 Which one of the following is a living luminous object?

A Sun

B Moon

C Fire Fly

D Burning Candle

*Answer: Fire Fly*

84 Sea animals like dolphins and whales breathe through \_\_\_\_\_.

A nose

B gills

C blow holes

D fins

*Answer: blow holes*

85 Breathing activity is a part of which of the following bio-chemical process?

A photosynthesis

B respiration

C digestion

D excretion

*Answer: respiration*

86 The presence of specific features and habits, which enable a plant or an animal to live in a particular habitat, is called \_\_\_\_\_.

A adaptation

B adoption

C acclimatization

D habitat

*Answer: adaptation*

87 Which of the following is a/an abiotic component?

A dog

B trees

C rocks

D bacteria

*Answer: rocks*

88 The habitats of the plants and animals that live on land are called \_\_\_\_\_ habitat.

A terrestrial

B marine

C aquatic

D mountain

*Answer: terrestrial*

89 Name the scientist who suggested MKS (metre, kilogram, second) system which later became SI (International System of Units)?

A Isaac Newton

B Giovanni Giorgi

C Napoleon Bonaparte

D Galileo Galilei

*Answer: Giovanni Giorgi*

90 The number of bones present in an adult human is:

A 106

B 206

C 306

D 400

*Answer: 206*

91 Which of the following joints is immovable?

A Shoulder and arm

B Knee and joint

- C Upper jaw and skull
- D Lower jaw and upper jaw

*Answer: Upper jaw and skull*

92 Vertebral column of man has \_\_\_\_\_ vertebrae (bones).

- A 28
- B 30
- C 33
- D 42

*Answer: 33*

93 In the sea, plants and animals are surrounded by \_\_\_\_\_ water.

- A fresh
- B saline
- C acidic
- D marshy

*Answer: saline*

94 Living organisms throw body wastes from its bodies by a process called \_\_\_\_\_.

- A respiration
- B excretion
- C digestion
- D reproduction

*Answer: excretion*

95 Which one of the following is NOT a predator?

- A Lion
- B Antelope
- C Eagle
- D Bear

*Answer: Antelope*

96 Standard (SI) unit of length is \_\_\_\_\_

- A metre
- B centimetre
- C inches
- D kilometre

*Answer: metre*

97 An iron ring is heated. Which of the following statement about it is incorrect?

- A The ring expands
- B The ring almost comes to the same size on cooling
- C The change, in this case, is reversed
- D The ring changes its shape and the change cannot be reversed

*Answer: The ring changes its shape and the change cannot be reversed*

98 Which of the following changes cannot be reversed?

- A Hardening of cement
- B Freezing of ice cream
- C Opening a door

D Melting of chocolate

*Answer: Hardening of cement*

99 Pick the change that can be reversed from the following.

A Cutting of trees

B Melting of ghee

C Burning of candle

D Blooming of flower

*Answer: Melting of ghee*

100 Which of the following can be considered as fast change?

A Growth of child

B Germination of seed

C Bursting of crackers

D Cooking of food

*Answer: Bursting of crackers*

1 When wind speed increases, air pressures

A decreases

B increases

C remains constant

D none of these

*Answer: decreases*

2 Soil formation is a

A slow process

B fast process

C rapid process

D none of these

*Answer: slow process*

3 Which soil horizon contains humus?

A A-Horizon

B B-Horizon

C C-horizon

D Bedrock

*Answer: A-Horizon*

4 Which topsoil is best suited for growing plants

A Sandy soil

B Loamy Soil

C Clayey Soil

D None of these

*Answer: Loamy Soil*

5 Soil profile refers to an arrangement within a soil of

A its horizontal layout

B vertical layout

C Size of soil particles

D None of these

*Answer: its horizontal layout*

6 The water holding capacity is the highest in

- A sandy soil
- B clayey soil
- C loamy soil
- D mixture of sand and loam

*Answer: clayey soil*

7 In earthworm, the exchange of gases occurs through \_\_\_\_\_.

- A moist skin
- B lungs
- C gills
- D tracheae

*Answer: moist skin*

8 Plants breathe through tiny pores in the leaves called \_\_\_\_\_.

- A stomata
- B pores
- C leaf blade
- D trachea

*Answer: stomata*

9 Organisms which respire in absence of air are called \_\_\_\_\_.

- A microbes
- B anaerobes
- C aerobes
- D none of these

*Answer: anaerobes*

10 Breathing is a \_\_\_\_\_ process while respiration is a \_\_\_\_\_ process.

- A physical, chemical
- B chemical, physical
- C physical, physical
- D chemical, chemical

*Answer: physical, chemical*

11 What is the heart rate of a normal adult human?

- A 90-120 times per minute
- B 70-80 times per minute
- C 40-50 times per minute
- D 10-20 times per minute

*Answer: 70-80 times per minute*

12 Phloem helps in the transport of \_\_\_\_\_ in plants.

- A food
- B water
- C minerals
- D carbon dioxide

*Answer: food*

13 Vascular tissues that transport water and nutrients in plants are called \_\_\_\_\_.

- A Veins
- B Phloem
- C Xylem
- D Root Hairs

*Answer: Xylem*

14 The major excretory product in humans is \_\_\_\_\_

- A uric acid
- B ammonia
- C faeces
- D urea

*Answer: urea*

15 Name the scientist who discovered blood circulation?

- A William Harvey
- B Isaac Newton
- C Christiaan Barnard
- D William Thomson

*Answer: William Harvey*

16 The filtering of blood through an artificial kidney is called \_\_\_\_\_

- A dialysis
- B diffusion
- C circulation
- D transportation

*Answer: dialysis*

17 Upper chambers of a human heart are called?

- A atria
- B ventricles
- C pulmonary vein
- D vena cava

*Answer: atria*

18 Which component of blood in mammals build up defense against harmful germs enter in the body?

- A WBCs
- B Platelets
- C RBCs
- D Plasma

*Answer: WBCs*

19 The fluid part of the blood is called \_\_\_\_\_

- A Plasma
- B Haemoglobin
- C RBCs
- D WBCs

*Answer: Plasma*

20 Name the pigment which gives red colour to the blood in mammals.

- A Haemoglobin
- B Globulin
- C Plasma
- D Platelets

*Answer: Haemoglobin*

21 The meter that is used to measure the distance moved by the vehicle is known as \_\_\_\_\_

- A Speedometer
- B Odometer
- C Chronometer
- D Ammeter

*Answer: Odometer*

22 Amylase enzyme is present in

- A bile juice
- B saliva
- C gastric juice
- D pancreatic juice

*Answer: saliva*

23 Grass is rich in \_\_\_\_\_ a special kind of carbohydrate which can only be digested by ruminants.

- A Glucose
- B Cellulose
- C Sucrose
- D Fructose

*Answer: Cellulose*

24 An amoeba ingests food with the help of

- A Cilia
- B Tentacles
- C Pseudopodia
- D Buccal Cavity

*Answer: Pseudopodia*

25 Which of the following is not a part of nutrition?

- A digestion
- B absorption
- C assimilation
- D excretion

*Answer: excretion*

26 Which of the following is a ruminant?

- A buffalo
- B camel
- C goat
- D all of these

*Answer: all of these*

27 The inner walls of the small intestine have millions of small finger like projections called

A villi

B trachae

C appendix

D oesophagus

*Answer: villi*

28 Which of the following MIGHT NOT tell a chemical change has taken place?

A Converting liquid into gas

B Production of heat

C Evolution of gas.

D Light is generated

*Answer: Converting liquid into gas*

29 Which of the following is NOT a physical property of a substance?

A density

B flammability

C shape

D color

*Answer: flammability*

30 Which of the following is a chemical change?

A Cooking a vegetable

B Freezing water into ice

C Boiling of Water

D Tearing of Newspaper

*Answer: Cooking a vegetable*

31 Which of the following is a physical change?

A Heating of Iron

B Burning of Wood

C Rusting of Iron

D Ripening of a fruit

*Answer: Heating of Iron*

32 Camouflage shown in polar bears is due to

A white fur

B thick fur

C padded feet

D two layers of fat

*Answer: white fur*

33 Water vapours present in the atmosphere is called

A humidity

B precipitation

C climate

D rain fall

*Answer: humidity*

34 In India, rainforests are found in which of the following state?

- A Assam
- B Andhra Pradesh
- C Madhya Pradesh
- D Kerala

*Answer: Assam*

35 Birds are adapted to fly because of \_\_\_\_\_,

- A streamlined body
- B light bones
- C feathers and wings
- D all of these

*Answer: all of these*

36 Long Inactivity and metabolic depression of animals during winters is known as:

- A aestivation
- B migration
- C evolution
- D hibernation

*Answer: hibernation*

37 In Western Ghats Of India, the Long tailed macaque is also known as \_\_\_\_\_

- A Indian Parrot
- B Beard Ape
- C Monkey
- D Lemurs

*Answer: Beard Ape*

38 The special features and habits that help an animal survive in its environment are known as

- \_\_\_\_\_
- A evolutions
  - B adaptations
  - C polymorphisms
  - D hibernation

*Answer: adaptations*

39 Which of these is specifically an adaptation for cold climates?

- A thick fur
- B long ears
- C sweating glands
- D light bones

*Answer: thick fur*

40 In addition to the rock particles, the soil contains

- A air and water
- B water and plants
- C minerals, organic matter, air and water
- D water, air and plants

*Answer: minerals, organic matter, air and water*

41 Which soil layer is made up of small lumps of rocks?

- A A-horizon
- B B-horizon
- C C-horizon
- D Bedrock

*Answer: C-horizon*

42 Toys, pots, and statues are made up of which soil type?

- A Sandy Soil
- B Clayey Soil
- C Loamy Soil
- D None of these

*Answer: Clayey Soil*

43 Lentils (masoor) and other pulses are grown in which of the following soil type?

- A Sandy Soil
- B Clayey Soil
- C Loamy Soil
- D None of these

*Answer: Loamy Soil*

44 Percolation rate of water is the least in \_\_\_\_\_?

- A Sandy Soil
- B Clayey Soil
- C Loamy Soil
- D None of these

*Answer: Clayey Soil*

45 Which of the following soil type is loosely packed with large air spaces?

- A Sandy Soil
- B Clayey Soil
- C Loamy Soil
- D None of these

*Answer: Sandy Soil*

46 Find the odd one out.

- A Nasal Cavity
- B Nostrils
- C Pharynx
- D Trachea

*Answer: Pharynx*

47 Tiny air sacs of lungs are called \_\_\_\_\_.

- A alveoli
- B trachea
- C bronchi
- D larynx

*Answer: alveoli*

48 Which of the following animal can breathe through skin as well through lungs?

- A frog

- B cockroach
- C fish
- D mammal

*Answer: frog*

49 Which of the following is a scalar quantity?

- A Distance
- B Displacement
- C Velocity
- D Force

*Answer: Distance*

50 Which of the following relations is correct?

- A Speed = Distance  $\times$  Time
- B Speed = Distance  $\div$  Time
- C Speed = Time  $\div$  Distance
- D Speed =  $1/(\text{Distance} \times \text{Time})$

*Answer: Speed = Distance  $\div$  Time*

51 The metallic ball in a pendulum is called as \_\_\_\_\_

- A Bob
- B Rod
- C Gong
- D Fork

*Answer: Bob*

52 The plant which traps and feeds on insects is:

- A cuscuta
- B china rose
- C pitcher plant
- D rose

*Answer: pitcher plant*

53 Amarbel (Cuscuta) is an example of:

- A autotroph
- B parasite
- C saprotroph
- D host

*Answer: parasite*

54 Iodine used to detect presence of starch. It gives starch

- A red colour
- B green colour
- C blue-black colour
- D colourless appearance

*Answer: blue-black colour*

55 Which part of the plant gets carbon dioxide from the air for photosynthesis?

- A root hair
- B stomata

C leaf veins

D sepals

*Answer: stomata*

56 Rhizobium is an example of

A Symbiosis

B Parasites

C Insectivorous

D None of these

*Answer: Symbiosis*

57 The tiny pores present in the leaves of the plants for exchange of gases are called \_\_\_\_\_

A Stomata

B Tracheae

C Chloroplast

D Spiracles

*Answer: Stomata*

58 Green plants are:

A herbivores

B autotrophs

C heterotrophs

D omnivores

*Answer: autotrophs*

59 Which of the following do not have teeth (a) (b) (c) snakes (d) elephants

A rats

B Donkey

C birds

D Goat

*Answer: birds*

60 The walls of large intestine absorb

A water

B proteins

C cellulose

D roughage

*Answer: water*

61 Bile juice is stored in

A liver

B pancreas

C gall bladder

D stomach

*Answer: gall bladder*

62 The pointed teeth in the buccal cavity are called:

A incisors

B canines

C premolars

D molars

*Answer: canines*

63 Which of the following is NOT an element of weather?

A Humidity

B Temperature

C Soil

D Rain

*Answer: Soil*

64 The eye of a cyclone is

A cloudy and highly stormy.

B full of strong winds.

C calm and cloudless.

D site with high atmospheric pressure.

*Answer: calm and cloudless.*

65 Equator is a region of \_\_\_\_\_ pressure while poles are regions of \_\_\_\_\_ pressure.

A high, low

B low, high

C low, low

D high, high

*Answer: high, low*

66 Which one of the following is NOT recommended during Lightening or thunderstorm?

A Take Shelter in a bus or car.

B In a forest, seek shelter in a low area under a thick growth of small trees.

C Take shelter under isolated tree.

D Get away from tractors and other metal farm equipment.

*Answer: Take shelter under isolated tree.*

67 With increase in temperature, atmospheric pressure \_\_\_\_\_.

A increases

B decreases

C remains constant

D can decrease or increase

*Answer: decreases*

68 Which one of the following statement is INCORRECT?

A When air gets heated, it expands.

B when air gets cooled, it contracts.

C The warm air is heavier than cold air.

D Air moves from high pressure region to low pressure region.

*Answer: The warm air is heavier than cold air.*

69 What is the name given to the wind blowing from sea to land?

A Thunderstorm

B Land breeze

C Sea breeze

D cyclone

*Answer: Sea breeze*

70 When we breathe out, exhaled air turns lime water into \_\_\_\_\_ due to presence of \_\_\_\_\_.

A orange, oxygen

B milky, oxygen

C milky, carbon dioxide

D milky, carbon monoxide

*Answer: milky, carbon dioxide*

71 Which of the following statements is NOT true?

A Workers in wool industry generally suffer from Sorter's disease.

B Bakhrwal is an Indian breed of sheep.

C Rayon is a natural fibre.

D Shearing is usually done in summer season.

*Answer: Rayon is a natural fibre.*

72 Sericulture is \_\_\_\_\_.

A rearing of silk worms

B rearing of sheep

C cotton plantation

D rearing of honey bees

*Answer: rearing of silk worms*

73 Removal of wool from a sheep is known as \_\_\_\_\_.

A Rearing

B Sorting

C Shearing

D Scouring

*Answer: Shearing*

74 Which of the following process is NOT part of wool extraction?

A Shearing

B Scouring

C Sorting

D Reeling

*Answer: Reeling*

75 Animal Fibres are made up of

A cellulose

B protein

C nylon

D rayon

*Answer: protein*

76 Vegetable fibres are made up of

A cellulose

B nylon

C protein

D rayon

*Answer: cellulose*

77 Which of the following is NOT a Vegetable fibre?

- A flax
- B silk
- C hemp
- D jute

*Answer: silk*

78 Device used for measuring temperatures is called a

- A Barometer
- B Odometer
- C Thermometer
- D Speedometer

*Answer: Thermometer*

79 A polished silvery surface is

- A good absorber of heat
- B good reflector of heat
- C poor reflector of heat
- D None of these

*Answer: good reflector of heat*

80 Sea breeze is caused due to

- A conduction
- B convection
- C radiation
- D all of these

*Answer: convection*

81 A wooden spoon is dipped in a cup of ice cream. Its other end

- A becomes cold by the process of conduction.
- B becomes cold by the process of convection.
- C becomes cold by the process of radiation.
- D does not become cold.

*Answer: does not become cold.*

82 Which of the following instrument measures time with the most accuracy?

- A mechanical clock with gears
- B quartz clock
- C sun dial
- D sand clock

*Answer: quartz clock*

83 Compact fluorescent lamps (CFLs) are considered better than ordinary electric bulbs because?

- A CFLs reduce wastage
- B CFLs can be fixed in the ordinary bulb holders.
- C both (a) and (b)
- D none of the above

*Answer: both (a) and (b)*

84 Which of the following is the best option while considering the safety of household electric appliances?

- A We should use wire strip as fuses.
- B We should use non-ISI marked MCBs
- C We should use ISI marked MCBs
- D We should use conductors with high melting point in fuses.

*Answer: We should use ISI marked MCBs*

85 The strength of the magnetic field due to a solenoid can be increased by

- A decreasing the current strength in the solenoid
- B increasing the number of turns in the solenoid
- C by winding solenoid around a plastic rod
- D all of the above

*Answer: increasing the number of turns in the solenoid*

86 The magnetic effect of the current was discovered by \_\_\_\_\_?

- A Oersted
- B Ohm
- C Newton
- D Joule

*Answer: Oersted*

87 Which of the following does not use magnetic effect of electric current?

- A electric fan
- B electric bulb
- C electric motor
- D refrigerator

*Answer: electric bulb*

88 Which of the following acts as safety device in electric appliances?

- A fuse
- B connecting wires
- C resistors
- D battery

*Answer: fuse*

89 Which of the following is an essential element in an electric circuit?

- A switch
- B connecting wires
- C voltmeter
- D ammeter

*Answer: connecting wires*

90 When an electric current passes through a solenoid, it acts as a/an

- A insulator
- B electric bell
- C resistor
- D bar magnet

*Answer: bar magnet*

91 The device used to make or break an electric circuit is:

- A Switch
- B Ammeter
- C Resistor
- D Battery

*Answer: Switch*

92 Primary colours (as per modern colorimetry) consists of

- A Cyan, Magenta, Yellow
- B Red, Green, Blue
- C Black, Yellow, White
- D Red, Yellow, Blue

*Answer: Red, Green, Blue*

93 When matter gets warmer, the atoms and molecules in that matter \_\_\_\_\_

- A stand still
- B move faster
- C move slower
- D can't say

*Answer: move faster*

94 Chemical name of Oil of Vitriol is \_\_\_\_\_

- A Nitric acid
- B Acetic acid
- C Sulphuric acid
- D Sodium Hydroxide

*Answer: Sulphuric acid*

95 Sodium hydroxide is found in

- A Lemon
- B Soap
- C Oil of Vitriol
- D Table Salt

*Answer: Soap*

96 Lactic acid is found in

- A Curd
- B Apple
- C Soap
- D Lime

*Answer: Curd*

97 Acetic acid is found in

- A Curd
- B Spinach
- C Vinegar
- D Citrus fruits

*Answer: Curd*

98 Which of the following colours is given by phenolphthalein in a basic salt solution.

- A yellow
- B pink
- C orange red
- D colourless

*Answer: pink*

99 The most commonly used natural indicator 'Litmus' is extracted from

- A Lichens
- B Turmeric
- C Beet Root
- D China rose

*Answer: Lichens*

100 Which of the following is a strong acid?

- A acetic acid
- B nitric acid
- C lactic acid
- D citric acid

*Answer: nitric acid*