



QUESTIONS **50**



TOTAL MARKS **100**



DURATION **60 mins**

GRADE

6

Instruction for Students:

- Read the question carefully before answering.
- Each question has 4 options (A, B, C & D).
- **Grand Finale Marking System:-**
Each correct answer carries 2 marks.
For each unattempted question, 2 marks will be deducted.
For each wrong answer, 2.5 marks will be deducted.
- Grand Finale Result will be declared Online after 45 days from the exam date. To know your Result, login to www.neltas.com and use given Seat Number.

1. The part of a plant that plays an important role in reproduction is _____.

(A) root (B) flower
(C) leaf (D) stem

2. Which of the following cannot be called a habitat?

(A) A desert with camel
(B) A jungle with wild animals
(C) A pond with fishes
(D) Cultivated land with grazing cattle

3. Which of the following part of the cell that contains pigment?

(A) Cell membrane (B) Plasmid
(C) Plastid (D) Chromosome

4. The main function of the lacteals of the intestine is the absorption of _____.

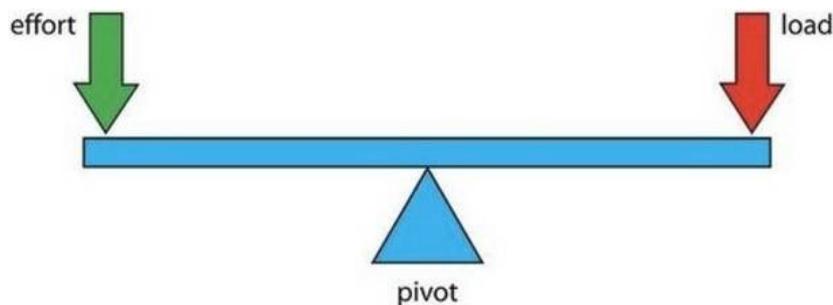
(A) amino acids
(B) glucose and vitamins
(C) lactic acid
(D) fatty acids and glycerol

5. Taking in of the air through nostrils into the body is known as _____.

(A) exhalation
(B) cellular respiration
(C) tissue respiration
(D) inhalation

6. Anantlakshmi injured her knee while playing. Blood oozed out from the wound. After a few minutes, she observed a brown coloured clot on the same spot on her knee. Which component of the blood might have formed this clot?
- (A) Red blood cells (B) White blood cells
(C) Platelets (D) Plasma
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7. Malaria is caused by _____.
- (A) bacteria (B) protozoan
(C) virus (D) None of the above
-
8. Which of these includes culturing of earthworms?
- (A) Sericulture (B) Pisciculture
(C) Vermicomposting (D) None of the above
-
9. Divers carry oxygen cylinders with them because _____.
- (A) oxygen keeps them warm
(B) oxygen is required for breathing
(C) Both A and B
(D) Neither A nor B
-
10. Clouds are formed due to _____.
- (A) evaporation (B) condensation
(C) Both A and B (D) Neither A nor B
-
11. Which one of the following is a synthetic fibre?
- (A) Polyester (B) Nylon
(C) Rayon (D) All of the above
-
12. Which of the following statements is true about a mixture?
- (A) It is made up of pure substances.
(B) It can be solid, liquid or gas.
(C) Components do not retain their original properties.
(D) Both A and B.
-
13. The letter used to identify an element in the periodic table is known a _____.
- (A) formula (B) hint
(C) sign (D) symbol
-
14. 7 kilometres are equal to _____.
- (A) 7,00,000 metre (B) 7,000 metre
(C) 700 metre (D) 70,000 metre
-
15. A force does not change _____.
- (A) size (B) shape
(C) mass (D) state of motion
-
16. Mass is the measure of _____ in an object.
- (A) weight (B) matter
(C) density (D) None of the above
-

17. Mechanical advantage of a machine is defined as _____.



- (A) Load + Effort
(B) Load / Effort
(C) Load x Effort
(D) Load - Effort

18. An organ of a plant that absorbs water and mineral salts from the soil is known as _____.

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

19. Which is not an abiotic component of the environment?

- (A) Soil
(B) Bacteria
(C) Water
(D) Air

20. Ribosome helps in the production of _____.

- (A) vitamin
(B) glucose
(C) fat
(D) protein

21. Read the following statements with reference to the villi of the small intestine.

(i)	They have very thin walls.
(ii)	They have a network of thin and small blood vessels close to the surface.
(iii)	They have small pores through which food can easily pass.
(iv)	They are finger-like projections.

Identify those statements which enable the villi to absorb digested food.

- (A) (i), (ii) and (iv)
(B) (ii), (iii) and (iv)
(C) (iii) and (iv)
(D) (i) and (iv)

22. The breakdown of food particles takes place inside the cell. During this process, lots of energy release out. Which life process helps the cell to perform this function?

- (A) Excretion
(B) Digestion
(C) Reproduction
(D) Cellular respiration

23. People use water pumps in their houses to circulate water in the house pipes. If our blood vessels are compared to water pipes and blood to water, then what organ of the human body acts as a water pump that helps to circulate blood throughout the body?

- (A) Kidneys
(B) Liver
(C) Heart
(D) Lungs

24. Which of the following pathogens cause tuberculosis?

- (A) Bacteria
(B) Virus
(C) Protozoa
(D) None of the above

25. Which kind of materials is to be collected in blue coloured bins?

- (A) Materials that can be recycled
- (B) Plastics
- (C) Metals
- (D) Wood

26. The content of water vapour present in the air is called _____.

- (A) density
- (B) solubility
- (C) reactivity
- (D) humidity

27. Rainwater harvesting is a method employed to _____.



- (A) prevent soil erosion
- (B) prevent drought at a place
- (C) prevent floods at a place
- (D) raise the water table of a place

28. Weaving of fabric is done in _____.

- (A) handlooms
- (B) power looms
- (C) Both A and B
- (D) Neither A nor B

29. Particles in a liquid _____.

- (A) flow and fill the shape of the container up to a definite volume.
- (B) move quickly and fill any available space.
- (C) vibrate, are tightly packed and keep their shape.
- (D) All of the above.

30. The symbol for gold in the periodic table is _____.

- (A) Ag
- (B) Au
- (C) Al
- (D) Ar

31. The most convenient unit to be used to measure the distance from Mumbai to Kolkata is _____.

- (A) km
- (B) m
- (C) cm
- (D) mm

32. A cricketer catches the ball. The force/forces used here is/are _____.

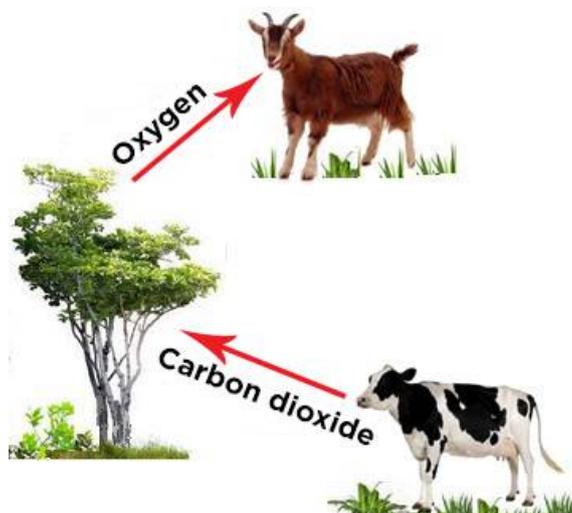
- (A) gravitational force
- (B) frictional force
- (C) Both A and B
- (D) non-contact force

33. The law of _____ of mass states that the mass of a closed system must remain constant over time.

- (A) conservation
- (B) elasticity
- (C) Both A and B
- (D) Neither A nor B

34. Wheel is used with an axle because _____.
- (A) Sliding friction is less than the rolling friction
 - (B) Rolling friction is less than the sliding friction
 - (C) Both A and B
 - (D) Neither A nor B

35. What does the given figure represent?



- (A) Interdependence between plants and animals
- (B) Interdependence between plants
- (C) Interdependence between animals
- (D) Interdependence between abiotic factors

36. Who discovered the cell in 1665?

- (A) Robert Brown
- (B) Robert Crook
- (C) Robert Hook
- (D) None of the above

37. The food that humans eat contains lots of nutrition. These nutrients cannot be directly absorbed by the body. It must have to be breakdown into smaller particles, and after that, these molecules get absorbed by the blood. Which life process helps humans to breakdown the food?

- (A) Excretory system
- (B) Respiratory system
- (C) Digestive system
- (D) Nervous system

38. Which picture shows the least amount of protection for our respiratory system?



- (A) A
- (B) B
- (C) C
- (D) D

39. The doctor placed the chest piece of a stethoscope on the patient's chest and earpieces of the stethoscope into his ears. He could hear some thumping sound. What sound is the doctor listening?
- (A) Heartbeat (B) Blood pressure
(C) Pulse (D) Breaths

40. How is malaria usually transmitted to humans?
- (A) By insect bite (B) By contaminated food
(C) By contaminated water (D) All of the above

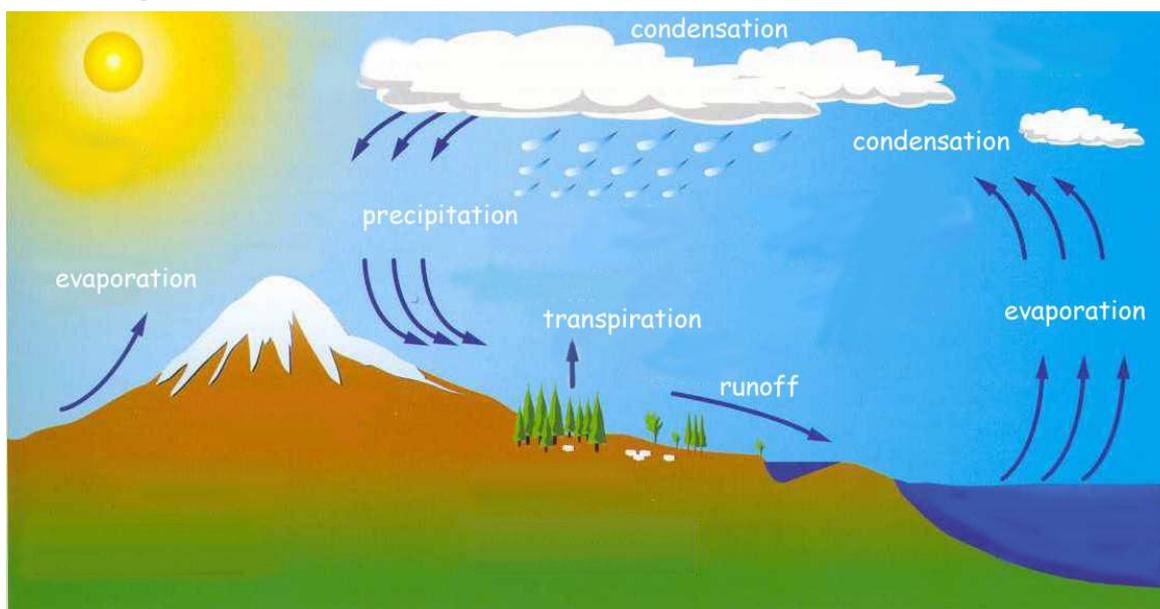
41. Arshiya buried the following in her garden to dispose them off:

An egg shell	Pencil shavings	Dry leaves	Plastic carry bags
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If this area is dug up after a few years, which of these is most likely to have remain unchanged?

- (A) An eggshell (B) Pencil shavings
(C) Plastic carry bags (D) Dry leaves
42. Plants require nitrogen for _____.
- (A) growth (B) reproduction
(C) photosynthesis (D) All of the above

43. Observe the diagram shown below:



Which of the following processes is shown above?

- (A) Water cycle (B) Soil erosion
(C) Rainwater harvesting (D) None of the above
44. Ashrita went to a cloth shop. She found a fabric that was smooth to touch, had vibrant colour and shine. This fabric could be _____.
- (A) wool (B) cotton
(C) silk (D) jute
45. Distillation = _____ + Condensation
- (A) Sublimation (B) Precipitation
(C) Evaporation (D) None of the above

46. The most common classifications of elements in the periodic table are _____.
- (A) elastic and non-elastic (B) solid and liquid
(C) solid and gas (D) metal and non-metal
-
47. The distance between Sandra and Parul's home is 1563 m. This distance is equal to _____.
- (A) 15.63 km (B) 1.563 km
(C) 156.3 km (D) None of the above
-
48. A body falls downwards because of _____.
- (A) electrical force (B) gravitational force
(C) mechanical force (D) magnetic force
-
49. The difference between mass and weight is _____.
- (A) mass is a force and weight is a quantity
(B) mass is a quantity and weight is a force
(C) Both A and B
(D) Neither A nor B
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50. An inclined plane wrapped around a rod forms this simple machine.
- (A) Lever (B) Pulley
(C) Wedge (D) Screw
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ANSWERS

1	2	3	4	5	6	7	8	9	10
B	D	C	D	D	C	B	C	B	C
11	12	13	14	15	16	17	18	19	20
D	D	D	B	C	B	B	A	B	D
21	22	23	24	25	26	27	28	29	30
A	D	C	A	A	D	D	C	A	B
31	32	33	34	35	36	37	38	39	40
A	C	A	B	A	C	C	B	A	A
41	42	43	44	45	46	47	48	49	50
C	A	A	C	C	D	B	B	B	D