



QUESTIONS **50**



TOTAL MARKS **100**



DURATION **60 mins**

GRADE

5

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. Which of the following is a female part of a flower?

- | | |
|------------|------------|
| (A) Stamen | (B) Carpel |
| (C) Anther | (D) Pollen |

2. Which joint enables us to move our arms as shown in the given picture?



- | | |
|-----------|---------------------|
| (A) Pivot | (B) Gliding |
| (C) Hinge | (D) Ball and Socket |

3. Vitamin A : Night blindness :: Vitamin B : _____

- | | |
|--------------|-----------------------|
| (A) Scurvy | (B) Rickets |
| (C) Beriberi | (D) None of the above |

4. A substance intentionally added that affects the nature and quality of food is called _____.

- | | |
|---------------------|----------------------|
| (A) Food poison | (B) Food contaminant |
| (C) Food adulterant | (D) All of the above |

5. Due to deforestation _____.
- (A) amount of nitrogen in the air will decrease
(B) amount of oxygen in the air will increase
(C) amount of carbon dioxide in the air will decrease
(D) amount of carbon dioxide in the air will increase
-
6. Car : Petrol :: Truck : _____
- (A) Diesel (B) Petrol
(C) CNG (D) LPG
-
7. The gaseous form of water is known as _____.
- (A) water vapour
(B) evaporation
(C) condensation
(D) None of the above
-
8. The phenomenon of remaining on the surface of a liquid without sinking is called _____.
- (A) buoyancy (B) compression
(C) weightlessness (D) floatation
-
9. A car travels 32 metres in 4 seconds. What is its speed?
- (A) 128 metres per second
(B) 36 metres per second
(C) 28 metres per second
(D) 8 metres per second
-
10. The amount of space occupied by a substance is known as its _____.
- (A) area (B) volume
(C) Both A and B (D) Neither A nor B
-
11. Which of these travels faster - Sound or Light?
- (A) Light
(B) Sound
(C) Both travel at the same speed
(D) None of the above
-
12. The S.I unit of work is _____.
- (A) newton-meter (B) Joule
(C) Both A and B (D) Neither A nor B
-
13. Which of the following is the example of kinetic energy?
- (A) Anu is sleeping.
(B) A fan is switched off.
(C) A train is moving.
(D) Nili is watching television.
-
14. _____ light can be separated into a rainbow of colours.
- (A) Ultraviolet (B) White
(C) Infrared (D) All of the above
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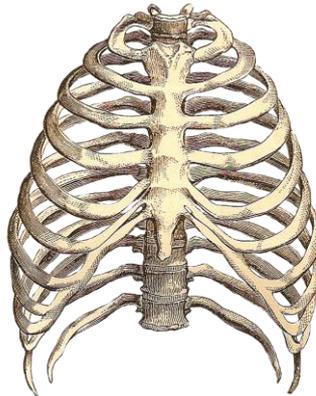
15. Cooking utensils are made of metals because they _____.

- (A) are durable
- (B) are malleable
- (C) are good conductors of heat
- (D) do not break on heating

16. Which of the following parts of a plant take part in sexual reproduction?

- (A) Seed
- (B) Fruit
- (C) Roots
- (D) None of the above

17. Observe the diagram shown below:



Name the organ does it protect in our body.

- (A) Lungs
- (B) Heart
- (C) Both A and B
- (D) Neither A nor B

18. Arjun lives in a hilly region. He is suffering from swelling in his neck.

Which disease he may be suffering from?

- (A) Scurvy
- (B) Goitre
- (C) Beriberi
- (D) Rickets

19. When do we say that food is adulterated?

- (A) If any ingredient is injurious to health.
- (B) If meat that is obtained from a diseased animal.
- (C) If spices are sold do have their typical smell.
- (D) None of the above.

20. Growing more tree in the forest is called _____.

- (A) afforestation
- (B) deforestation
- (C) Both A and B
- (D) Neither A nor B

21. We can _____ fuel by using public transport.

- (A) deplete
- (B) finish
- (C) save
- (D) None of the above

22. _____ is an example of a substance that can sublime?

- (A) Water
- (B) Oxygen
- (C) Carbon dioxide (Dry ice)
- (D) All of the above

23. Which of the following machines convert the energy of free-flowing water into useful form?

- (A) Windmill
- (B) Potter's wheel
- (C) Waterwheel
- (D) All of the above

24. The distance between Delhi and Kolkata is usually expressed in _____.

(A) decametre (B) kilometre
(C) metre (D) centimetre

25. Find the length of one edge of a cube whose volume is 27 cubic m.

(A) 9 m (B) 3 cm
(C) 3 m (D) None of the above

26. Sound waves move _____.

(A) in the opposite direction of the source
(B) in all directions toward the source
(C) in the same direction as the source
(D) in all directions away from the source

27. In which of the following cases is the work done?

Case 1	You push the door and the door opens.
Case 2	You push the door and the door does not open.

(A) Case 1 (B) Case 2
(C) Both A and B (D) Neither A nor B

28. What kind of energy does a stretched rubber band have?

(A) Kinetic (B) Electric
(C) Nuclear (D) Potential

29. Shalu can hear the people talking in the room but cannot see who they are, because the door is _____.

(A) translucent (B) opaque
(C) transparent (D) None of the above

30. _____ is a device used to measure the degree of coldness or hotness of an object.

(A) Manometer (B) Thermometer
(C) Barometer (D) None of the above

31. The ovaries of different flowers may contain _____.

(A) one or more ovules
(B) only one ovule
(C) many ovules
(D) only two ovules

32. Look at the list given below:

Collar bone	Ribcage	Backbone	Femur
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To which body system does this list belong?

(A) Circulatory (B) Excretory
(C) Muscular (D) Skeletal

33. Lack of vitamin 'C' in the food causes _____.

(A) Scurvy (B) Goitre
(C) Beriberi (D) Rickets

34. How does adulteration impact the economy?

- (A) People falling sick → Spending money on treatment
- (B) People falling sick → Spending money on court cases
- (C) People falling sick → Spending money on treatment and court cases
- (D) None of the above

35. Which of the following activities are prohibited in national parks and sanctuaries?

- (A) Poaching
- (B) Felling trees
- (C) Hunting
- (D) All of the above

36. Which of the following has a definite shape and volume?

- (A) Liquid
- (B) Solid
- (C) Gas
- (D) All of the above

37. Which of the following determines whether an object will float or sink?

- (A) Density
- (B) Area
- (C) Weight
- (D) Volume

38. Substances with larger masses such as sacks of grains are usually measured in _____.

- (A) kilograms
- (B) grams
- (C) metric tonnes
- (D) tones

39. Rustling of leaves is an example of _____.

- (A) soft sound
- (B) loud sound
- (C) Both A and B
- (D) Neither A nor B

40. When the applying force causes the _____ of the object or changes the _____ of the object or changes the _____ and size of the object, it is said that work is done.

- (A) position, shape, movement
- (B) shape, movement, position
- (C) movement, position, shape
- (D) None of the above

41. What kind of energy is used to operate and machines, fans, etc.?

- (A) Kinetic
- (B) Electric
- (C) Nuclear
- (D) Thermal

42. A _____ mirror has a flat and smooth surface.

- (A) spherical
- (B) plane
- (C) convex
- (D) concave

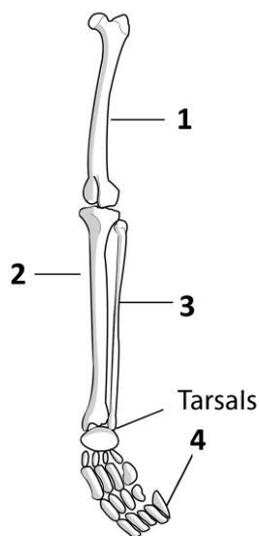
43. It is better to wear dark coloured clothes during _____.

- (A) a cold winter day
- (B) a hot summer day
- (C) Both A and B
- (D) Neither A nor B

44. The part which contains pollen grains in a flower is called _____.

- (A) filament
- (B) stamen
- (C) anther
- (D) stigma

45. Observe the diagram shown below:



Name the part labelled 1.

- (A) Phalanges (B) Tibia
(C) Fibula (D) Femur

46. The conversion of ice into water is an example of _____.

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

47. Seawater is not fit for drinking due to the presence of _____.

- (A) aquatic animals (B) aquatic plants
(C) poisons (D) dissolved salts

48. Hammering of a nail is an example of _____.

- (A) soft sound (B) loud sound
(C) Both A and B (D) Neither A nor B

49. Gaurav and Upasna are watching television in their drawing-room. All the appliances of their bedroom such as electric bulbs and air conditioner were on. As a good friend of Gaurav and Upasna, what will you suggest?

- (A) You will ask them to switch off electrical appliances in their bedroom.
(B) You will ask them to use a minimum number of appliances.
(C) Both A and B
(D) Neither A nor B

50. Which of the following is an insulator?

- (A) Wood (B) Plastic
(C) Both A and B (D) Neither A nor B

ANSWERS

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