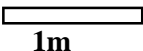
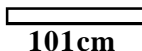
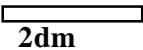
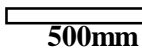


- (4) -

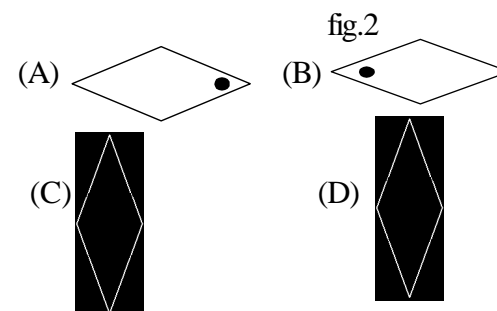
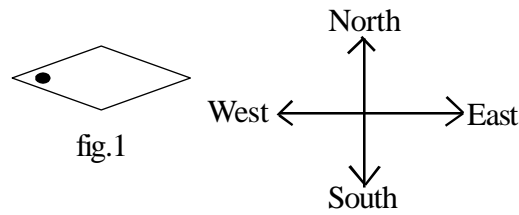
- (D) either A or B
44. A flower is said to be complete if
(A) it has less than four parts
(B) it has more than three parts
(C) it has three parts
(D) it has less than three parts
45. Choose incorrect statement from the following
(1) narrow tubes are present inside the stem
(2) leaves are absent in cactus
(3) stem cannot modify to suit to the conditions of environment where they are growing
(4) stem are always above the ground
(A) (1) & (3)
(B) (2) & (3)
(C) (3) & (4)
(D) (2), (3) & (4)
46. Which of the plants have tap roots?
(A) maize, mustard (B) maize, tomato, paddy
(C) mustard, tomato (D) mustard, tomato, maize
47. The length of four rods are given below
(1)  (2) 
(3)  (4) 
Arrange the rod in ascending order of the length.
(A) 1, 3, 2, 4 (B) 4, 2, 3, 1
(C) 4, 1, 2, 3 (D) 4, 2, 3, 1
48. Choose the correct statement(s).
(1) The compositions of the chemicals are different for different cells.
(2) The compositions of the chemicals are the same for different cells.
(3) The amount of current flowing through the conductors is different at

the same conditions.

(4) The amount of current flowing through the conductors is different at different conditions.

- (A) 1, 4 (B) 2, 4
(C) 1, 3, 4 (D) 1, 3

49. A fisherman in a sea in night looks at his magnetic compass to know the direction. fig.1 shows the magnetic needle with one end with a dot as the south pole. Then choose the possible position of the magnetic needle in the night. fig.2 is the geographical direction.



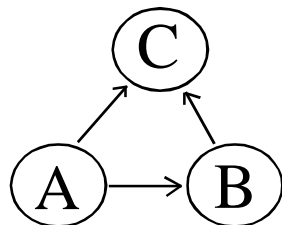
50. Match column A and B
- | Column A | Column B |
|----------------|-------------------------|
| i) cows | a) long digestive tract |
| ii) herbivores | b) regurgitate food |
| iii) squirrels | c) chisel like teeth |
- (A) i ii iii (B) i ii iii
a b c a c b
(C) i ii iii (D) i ii iii
b c a b a c

- (1) -

1. The biceps and triceps are found in
(A) Arm (B) Thigh
(C) Leg (D) Neck
2. Snails feel their surrounding with the help of
(A) Exoskeleton (B) foot
(C) Tentacles
(D) all of the above
3. Match column A and column B.
Column A (Organ system) Column B (Organ)
i) Reproductive system i) bronchi
ii) excretory system ii) ovary
iii) respiratory system iii) kidney
iv) circulatory system iv) liver
v) digestive system v) capillaries
(A) i ii iii iv v (B) i ii iii iv v
b a c e d b d e a c
(C) i ii iii iv v (D) i ii iii iv v
b c a e d b d e c a
4. Liquid skeleton is found in
(A) earthworm (B) Cockroach
(C) Snails (D) snake
5. Which of the following is not a metabolic process of living?
(A) Nutrition (B) Photosynthesis
(C) Excretion (D) reproduction
6. In cactus photosynthesis takes place in
(A) leaves (B) stem
(C) both(A)&(B)
(D) none of the above
7. Azolla is
(A) red fern (B) water hyacinth
(C) common duckweed
(D) water cabbage
8. which of the following is not an aquatic habitat?
(A) oceans (B) seas
(C) swamps
(D) none of the above
9. 'Touch me not' is the name of a/an :
(A) animal (B) plant
(C) insect (D) bird
10. Vermicompost is the name of :
(A) phenomenon (B) process
(C) fertilizer (D) earthworm
11. The average composition of organic waste, paper and plastic in domestic waste is :
(A) 60% (B) 70%
(C) 75% (D) 80%
12. In a hot summer day, the first phenomenon which will be seen when a glass with full of ice is kept in a room is
(A) evaporation
(B) transpiration
(C) condensation
(D) both(A) & (C)
13. Smoke mixes with air and becomes indistinguishable from the air. It is possible by the process of
(A) diffusion (B) evaporation
(C) sublimation (D) vaporisation
14. Which gas is consumed by the plants during respiration :
(A) oxygen (B) nitrogen
(C) carbon dioxide (D) both(A) & (C)
15. After a heavy rainfall the earthworms come up to the soil to :
(A) breathe (B) search food
(C) play (D) reproduce
16. Fermentation is a :
i) chemical change ii) physical change
iii) desirable change iv) reversible change
(A) i & iv (B) ii & iii
(C) i & iii (D) ii & iv
17. What is the driving force to initiate a change ?
(A) gravitational force
(B) nuclear force
(C) coulomb force

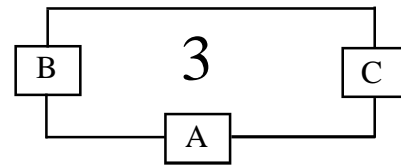
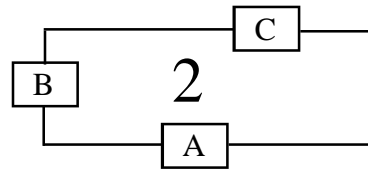
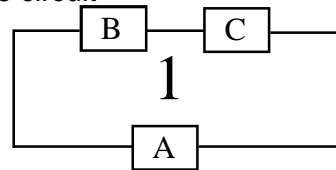
- (2) -

- (D) energy
18. Changing ice into water is a
(A) reversible change
(B) physical change
(C) chemical change
(D) both(A) & (B)
19. An object moves around a fixed point in a circular path and it takes 50 seconds to cover half of the circular path. The time period of the motion of the object is
(A) 50sec (B) 25sec
(C) 1min 20sec (D) 1min 40sec
20. The idea of absolute rest
(A) depends on the motion of the object
(B) depends on the speed of the object
(C) is not defined yet
(D) is absolutely defined
21. 10mm is equal to
(A) 0.1m (B) 0.01m
(C) 0.001m (D) 0.0001m
22. Choose the correct option having the correct symbols for the sets of the units of the physical quantities.
(A) 1Kg, 3°C, 100m
(B) 5K, 8m, 105kgs
(C) 20S, 30K, 300m
(D) 20kg, 30K, 90s
23. The figure represents a food cycle and the arrow symbol represents "is eaten by". Then A, C and B are respectively



- (A) carnivores, omnivores, herbivores
(B) herbivores, carnivores, omnivores
(C) herbivores, omnivores, carnivores

- (D) omnivores, carnivores, herbivores
24. The most convenient form of energy used by all of us is
(A) solar energy
(B) magnetic energy
(C) electrical energy
(D) wind energy
25. In the electric circuits given below A, B, C represent battery, bulb, and a substance respectively. The substances used in C in the circuits 1, 2, 3 are copper, aluminium and rubber respectively. Then the bulb will glow in the circuit



- (A) 1 (B) 2
(C) 3 (D) 1 & 2
26. The rate of flow of total amount of charge in the conductor is called
(A) resistance (B) electric circuits
(C) electric current (D) conductor
27. There are two magnets A & B. The magnet B is heated strongly at high temperature. Then,

- (3) -

- (A) magnet A has more attractive force than B
(B) magnet B has more attractive force than A
(C) both magnets A and B have the same attractive force
(D) both magnets A and B have the same properties
28. A boy breaks a bar magnet into two pieces, then each part of the bar magnet has
(A) only one pole (B) only two poles
(C) only south pole (D) only north pole
29. Choose the correct sequence to form rain :
(A) evaporation- condensation - cloud- rain
(B) transpiration -condensation- cloud- rain
(C) condensation- evaporation - cloud- rain
(D) Both (A) and (B)
30. Cyanide is found in
(A) mustard seed (B) broccoli
(C) carrot (D) orange seed
31. Becoming bones soft and bent is due to the deficiency of :
(A) vitamin A (B) vitamin B
(C) vitamin D (D) iron
32. Choose the wrong statement:
(A) the roughage helps to digest food
(B) the roughage keeps our teeth and gums healthy
(C) the roughage provides nutrients to our body
(D) the roughage helps our body to get rid of undigested food
33. Caustic soda is
(A) NaOH (B) Mg(OH)₂
(C) Ca(OH)₂ (D) Na₂O
34. Wool is obtained from

- (A) sheep (B) yak
(C) camel (D) all the above
35. The fibre which is called seed fibre is
(A) cotton fibre (B) silk
(C) wool (D) rayon
36. The plant which gives us fibre is
(A) jute plant (B) pineapple
(C) sisal (D) all the above
37. Carbon is a component of :
(A) air (B) steel
(C) water (D) both(A) & (B)
38. When some sugar is added to water, the boiling point of the water at the sea level is
(A) 100°C (B) above 100°C
(C) below 100°C (D) between 90°C & 100°C
39. Choose the pure substance from the following:
1. Diamond, oxygen, sugar
2. sodium chloride crystals, methane
3. glycerine, water, naphthalene
(A) 1 only (B) 1 and 3
(C) 1 and 2 (D) 1, 2 & 3
40. In vinegar, the solute and solvent are respectively
(A) Acetic acid & water
(B) Water and acetic acid
(C) oxalic acid and water
(D) nitric acid and water
41. The interparticle distances of two consecutive particles of three substances A, B and C are respectively 2 units, 3 units, 8 units. Which of these substances can flow more easily?
(A) A (B) B
(C) C (D) Both A & B
42. The smell of a flower is because of
(A) calyx (B) corolla
(C) androecium (D) gynoecium
43. A gynoecium can have
(A) only a single carpel
(B) many carpels.
(C) only 4 carpels

25thMVI
(SCIENCE)

Time Allowed 1 hour

Maximum Marks : 100

**Read the following instructions carefully before
you begin to answer the questions.**

1. This booklet contains 50 questions in all.
2. All questions are compulsory and each question carries 2 marks.
3. Before you start to answer the questions you must check up this booklet and ensure that it contains all the pages 3 (Three) and see that no page is missing or repeated. If you find any defect in this Booklet, you must replace it immediately.
4. There will **NOT** be any negative marking for wrong answers.
5. You are required to fill the information on the answer sheet which you will get in the examination hall by **H.B. pencil or BALL point pen**.
6. **Answer Sheet** and **Question Paper** will be supplied in examination hall. After the test is over, you should hand over the answer sheet to the invigilator before leaving the room.
7. You should write your **Name, Roll No.**, carefully on the space provided in the answer sheet. Otherwise you will be awarded **ZERO** mark.
8. If you wish to change your answer, **ERASE** completely the darkened circle by using an **ERASER** and then blacken the new circle. If not erased completely, smudges will be left on the erased circle and the question will be read as having two answer and will be ignored for giving any credit.
9. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.
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