

CLASS-VII-SCIENCE

SET - C

- Light is necessary during photosynthesis for:
(A) Heating
(B) Opening of stomata
(C) Evolution of hydrogen
(D) Photolysis of water
- Which of the following is not essential for photosynthesis?
(A) Oxygen
(B) Carbon dioxide
(C) Chlorophyll
(D) Light
- Food is stored in the form of:
(A) Fat only
(B) Glycogen only
(C) Fat and glycogen
(D) pRotein only
- Which one is not a protein digesting enzyme?
(A) Lactase
(B) Pepsin
(C) Chymotrypsin
(D) Trypsin
- Silk and woollen clothes are often damaged by
(A) Flies
(B) Insects
(C) Bacteria
(D) Animals
- The process of selecting parents for obtaining special characters is termed as
(A) Selection
(B) Selective breeding
(C) Separating
(D) Rearing
- The small fluffy fibres are
(A) Bolls
(B) Burrs
(C) Reels
(D) Combs
- Which of the following oxides will dissolve in water to give an alkaline solution?
(A) SO_2
(B) SO_3
(C) CaO
(D) NO_2
- Which of the following is NOT an indicator?
(A) Blue litmus
(B) Methyl orange
(C) Phenolphthalein
(D) Sulphur
- Heat is a form of
(A) electricity
(B) energy
(C) friction
(D) none of these

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11. Which of these is not a mode of heat transfer?
- (A) Conduction (B) Electricity
(C) Radiation (D) Convection
12. The primary mode of heat transfer in a solid is
- (A) conduction (B) conduction and convection
(C) convection (D) radiation
13. Anaerobic process after glycolysis is called:
- (A) TCA (B) Calvin cycle
(C) Fermentation (D) Both (A) and (B)
14. In man, which of the following structures is analogous to spiracles of cockroach?
- (A) Lungs (B) Alveoli
(C) Nostrils (D) Bronchioles
15. Which of the following are not involved in the process of breathing in humans?
- (A) Nervous system (B) Diaphragm
(C) Rib muscles (D) Blood pressure
16. The winter sleep of animals is called:
- (A) Aestivation (B) Hibernation
(C) Perspiration (D) None of these
17. Which of the following is a migratory bird?
- (A) Crow (B) Peacock
(C) Siberian crane (D) Penguin
18. Which of these animals is not found in cold habitat?
- (A) Reindeer (B) Polar Bear
(C) Camel (D) Penguin
19. The gases are highly compressible because:
- (A) The molecules move randomly
(B) The molecular force of attraction is very weak
(C) The space among the molecules is very large
(D) The separating force is strong
20. Why is rusting of iron a chemical change?
- (A) Because it changes its colour (B) Because it becomes powdery
(C) Because a new substance is formed (D) None of these
21. Which of these is not a unit of time?
- (A) second (B) hour
(C) light year (D) year

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22. If a particle starts from rest and attains a velocity of 20 m/sec in 5 second, then the acceleration of the particle is
- (A) 4 m/sec² (B) 20 m/sec²
(C) 5 m/sec² (D) zero
23. Tornado is a form of
- (A) wind (B) thunderstorm
(C) cyclone (D) None of these
24. Air has
- (A) only volume (B) only mass
(C) both mass and volume (D) None of these
25. The wind blowing from land towards the ocean is called
- (A) sea-breeze (B) land-breeze
(C) storm (D) None of these
26. Normal blood pressure of a healthy man is about:
- (A) 120/100 (B) 140/100
(C) 120/80 (D) 100/80
27. Mammalian RBC is.....in shape andnucleus.
- (A) Biconcave, have (B) Biconvex, lacks
(C) Biconcave, lacks (D) Biconvex, have
28. Which of the following WBC is involved in allergic reactions and prevents infections?
- (A) Monocytes (B) Eosinophils
(C) Neutrophils (D) Lymphocytes
29. Stem cuttings are employed in the propagation of:
- (A) Banana (B) Mango
(C) Sugarcane (D) Cotton
30. An example of parthenogenesis in the development of fruit is the one:
- (A) With viable seeds after fertilization (A) With viable seeds after pollination
(C) With viable seeds without fertilization (D) Without seeds after pollination
31. In flowering plants, triple fusion is required for the formation of:
- (A) Embryo (B) Endosperm
(C) Fruit (D) Ovary
32. A soil sample is compact, can hold a good amount of water, contains humus but is poor in aeration. This soil is
- (A) Loamy (B) Alluvial

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- (C) Clay (D) Silt
33. Soil development is a process of :
- (A) Weathering
(B) Carrying soil particles with river water
(C) Silting
(D) Formation of soil from weathered soil particles and mixing with humus
34. The direction of magnetic field produced by a linear current carrying conductor is given by :
- (A) Right hand thumb rule (B) Ampere's law
(C) Flemings left hand rule (D) Joule's law
35. The source of magnetic field is :
- (A) isolated magnetic pole (B) current element
(C) static electric charge (D) none of the above
36. The direction in which compass needle will point, when a wire carrying a current is held under it and the current is flowing from north to south, will be :
- (A) east (B) west
(C) north (D) south
37. Honey is a:
- (A) Factory product (B) Forest product
(C) Home product (D) All of these
38. Which of the following are causes of forest disappearance?
- (A) Increasing human population (B) Industrialization
(C) Agricultural expansion (D) All of the above
39. The separation of solid waste from domestic sewage is known as:
- (A) Slurry (B) Sludge
(C) Humus (D) Manure
40. Water coming from industries is called:
- (A) Sludge (B) Sewage
(C) Clarified water (D) Agriculture
41. Excess water flowing over the surface causes
- (A) Erosion (B) Decomposition
(C) Corrosion (D) Carbonization
42. The salt present in the dissolved form in a large amount in sea water is
- (A) Potassium chloride (B) Lithium chloride
(C) Sodium chloride (D) Calcium chloride

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43. The image formed by a spherical mirror is virtual, erect and smaller the size. Whatever be the position of the object the mirror is
- (A) convex (B) concave
(C) either convex or concave (D) cannot say
44. Which of the following can be used to prove that light consists of seven colours?
- (A) Plane mirror (B) Convex lens
(C) Newton's disc (D) none of these
45. In the convergent beam of light as the beam progresses, the rays
- (A) diverge from each other. (B) converge to a point
(C) remains parallel (D) none of these

