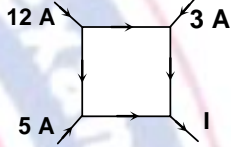
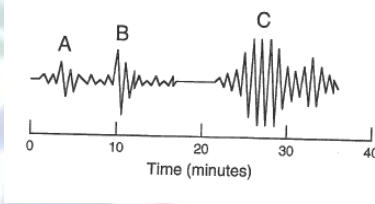


CLASS – VIII (SCIENCE)**Set – D**

- Application of nitrogenous fertilizers to rice fields can be low in the presence of which one of the following types of organisms?
(A) Water fern (B) Green algae
(C) Brown algae (D) Mosses
- The term antibiotic was first used by
(A) Alexander Fleming (B) Selman Waksman
(C) J. Lister (D) L. Pasteur
- Time taken by plastics for degradation is :
(A) 1-2 days (B) 1-2 months
(C) Several weeks (D) Several years
- Which is / are the alloy of iron?
(A) Steel (B) Stainless
(C) Manganese steel (D) All of them
- A force F_1 acts on a particle so as to accelerate it from rest to a velocity v . The force F_1 is then replaced by F_2 which decelerates it to rest.
(A) F_1 must be equal to F_2 (B) F_1 may be equal to F_2
(C) F_1 must be unequal to F_2 (D) none of these
- A balloon of gross weight W Newton is falling vertically downward with a constant acceleration $a (< g)$. The magnitude of the air resistance is
(A) W (B) $W \left(1 + \frac{a}{g} \right)$
(C) $W \left(1 - \frac{a}{g} \right)$ (D) $W \left(\frac{a}{g} \right)$
- Which of the following is/are the advantage(s) of forests?
(A) Forests provide us oxygen
(B) They protect soil and provide habitat to a large number of animals
(C) They help in bringing good rainfall in neighbouring areas
(D) All of these
- Which among the following is **NOT** derived from fossil fuel?
(A) LPG (B) Kerosene
(C) Diesel (D) Biogas
- Which of the following voices is likely to have minimum frequency?
(A) Baby girl (B) Baby boy
(C) A man (D) A woman

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10. Extra nuclear DNA is found in:
 (A) Chloroplast (B) Endoplasmic reticulum
 (C) Ribosomes (D) Nucleus
11. Food is converted into energy in:
 (A) Nucleus (B) Nucleolus
 (C) Chloroplast (D) Mitochondria
12. Which of the following fuels has the lowest calorific value?
 (A) Kerosene (B) CNG
 (C) Biogas (D) LPG
13. Water is used to extinguish fire because it :
 (A) Raises the ignition temperature of the burning substance
 (B) Lowers the ignition temperature of the burning substance
 (C) Cools the burning substance to a temperature below its ignition temperature
 (D) Conducts heat
14. Figure shows a network of currents. The magnitude of current I will be
 (A) -3A (B) 3 A
 (C) 13 A (D) 20 A
- 
15. The process of electrolysis is used in
 (A) Gold covering (B) Metallurgy
 (C) Electric printing (D) All of these
16. Point C is called
 (A) epicenter (B) fault scarp
 (C) seismic wave (D) dip of the earthquake
17. What causes the up-and-down wiggles on the seismogram show here?
 (A) variations in air pressure
 (B) ground vibrations
 (C) tsunami waves
 (D) electromagnetic pulses
- 
18. What is the "Gestation period" in Rabbit?
 (A) 1 month (B) 3 months
 (C) 6 months (D) 9 months
19. The study of formation, growth and development of a new individual from an egg is called:
 (A) Embryology (B) Heredity
 (C) Cytology (D) Genetics
20. Fish, frog undergo _____ fertilization.
 (A) Internal (B) External
 (C) Both (A) and (B) (D) None of these
21. The egg laying animals are called:

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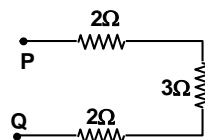
- (A) Ovoviviparous (B) Viviparous
(C) Oviparous (D) None of these
22. Green house effect is due to increase in concentration of
(A) CO (B) CO₂
(C) Nitrogen (D) SPM
23. The affinity of CO for hemoglobin is how many times more than that of O₂?
(A) 500 times (B) 200 times
(C) 325 times (D) 800 times
24. The phenomenon of left appearing right and right appearing left on reflection in a plane mirror is called
(A) reflection (B) refraction
(C) lateral inversion (D) none of these
25. The space between the cornea and the lens is filled with a watery fluid called the
(A) iris (B) pupil
(C) ciliary muscles (D) aqueous humour
26. The planet that was predicted before it was actually observed
(A) Neptune (B) Uranus
(C) Saturn (D) Pluto
27. The longest day in the northern hemisphere is
(A) June 21 (B) December 22
(C) both (D) none of these
28. The term 'endoplasmic' was coined by:
(A) Reinert (B) Porter
(C) Pomart (D) Johnson
29. Rough endoplasmic reticulum is called rough because:
(A) Rough texture of the surface
(B) Surface is studded with membrane proteins
(C) Surface is studded with ribosomes
(D) All of these
30. The condition(s) necessary for combustion is / are :
(A) Presence of combustible substance (B) Presence of supporter of combustion
(C) Attainment of ignition temperature (D) All of these
31. The type of combustion in which heat, light and sound are produced is better known as :
(A) Rapid combustion (B) Explosion combustion
(C) Spontaneous combustion (D) None of these

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2024 – 2025 PRACTICE PAPER

32. What will be the effective resistance between the points P and Q in the following circuit?

- (A) 13Ω
(C) 2Ω

- (B) $2/3 \Omega$
(D) 7Ω



33. During electrolysis mass of anode

- (A) increases (B) decreases
(C) remains same (D) none of these

34. The amount of ground displacement in a earthquake is called the _____ .

- (A) epicenter (B) dip
(C) slip (D) focus

35. Why does lightning usually strike the tallest object in a given area?

- (A) Tall objects are good conductors
(B) Tall objects are good resistors.
(C) Lightning follows the most direct path to the ground.
(D) Lightning follows the least direct path to the ground.

36. In formation of a Test tube baby:

- (A) Foetus is grown in a test tube (B) Fertilization is done outside the body
(C) Baby develops in large size test tube (D) Fertilization is not done

37. Viviparity is found in:

- (A) Earthworm (B) Rabbit
(C) Pigeon (D) Frog

38. A tadpole develops into an adult by the process of:

- (A) Metamorphosis (B) Budding
(C) Fertilization (D) All of these

39. Method of formation of two identical organisms is:

- (A) Fertilization (B) Binary fission
(C) Parturition (D) Gametogenesis

40. SPM are responsible for causing

- (A) Asthma (B) Typhoid
(C) Brain tumour (D) Acid rain

41. Supersonic jets causes pollution by thinning of :

- (A) CO_2 layer (B) SO_2 layer
(C) O_2 layer (D) O_3 layer

42. The speed of light in vacuum is

- (A) $3 \times 10^8 \text{ m/s}$ (exact) (B) $299,792,458 \text{ m/s}$ (exact)
(C) $2.9 \times 10^8 \text{ m/s}$ (exact) (D) yet exactly not found.

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43. The part of eye due to which it looks black, grey, brown, etc is
(A) iris (B) cornea
(C) eye lens (D) retina
44. Sun is
(A) planet (B) constellation
(C) star (D) satellite
45. Phobos is a natural satellite of
(A) Jupiter (B) Mars
(C) Earth (D) Uranus

