

General Science Mega Quiz for SSC and RRB NTPC

Q1. The wave length extension of visible light is-

- (a) Between 200–900 nm
- (b) Between 250–850 nm
- (c) Between 300–800 nm
- (d) Between 390–780 nm

Q2. In a _____ wave particles of the medium vibrate in a direction parallel to the direction of wave propagation.

- (a) Transverse
- (b) Longitudinal
- (c) Surface
- (d) Field

Q3. Propagation of sound can be visualised as propagation of _____ variations in the medium.

- (a) Energy
- (b) Power
- (c) Force
- (d) Pressure

Q4. Spherical form of raindrop is due to-

- (a) Density of liquid
- (b) Surface tension
- (c) Atmospheric pressure
- (d) Gravitational force

Q5. Pressure inside a soap bubble is-

- (a) More than atmospheric pressure
- (b) Less than atmospheric pressure
- (c) Equal to atmospheric pressure
- (d) Half of atmospheric pressure

Q6. Energy in the form of heat is wasted when a machine is operated. This heat is generated due to _____.

- (a) Burning
- (b) Friction
- (c) Combustion
- (d) Lubrication

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Q7. Sour taste of 'Coca Cola' is due to the presence of -

- (a) Acetic acid
- (b) Phosphoric acid
- (c) Hydrochloric acid
- (d) Formic acid

Q8. Which of the following group is NOT Dobereiner triads?

- (a) Li, Na, K
- (b) N, P, Au
- (c) Cl, Br, I
- (d) Ca, Sr, Ba

Q9. Pyrrhotite is an ore/mineral of

- (a) Lead
- (b) Nickel
- (c) Gold
- (d) Tin

Q10. Brass gets discoloured in air because of the presence of which of the following gases in air?

- (a) Oxygen
- (b) Hydrogen sulphide
- (c) Carbon dioxide
- (d) Nitrogen

Q11. What is the unit of measure of a magnetic field?

- (a) Cobalt
- (b) Ohm
- (c) Tesla
- (d) Ampere

Q12. Who founded and named the science of electromagnetism?

- (a) Michael Faraday
- (b) James Clerk
- (c) Hans Christian Oersted
- (d) Andre Marie Ampere

Q13. What is deposited on iron in the process of galvanisation?

- (a) Copper
- (b) Zinc
- (c) Tin
- (d) Aluminium

Q14. Which of the following metals is the most reactive metal?

- (a) Copper
- (b) Calcium
- (c) Iron
- (d) Zinc

Q15. Ricket' is a disease associated with the deficiency of _____.

- (a) Vitamin A
- (b) Vitamin C
- (c) Vitamin D
- (d) Vitamin B

Q16. ____ codified the first two of thermodynamics and deduced that the absolute zero of temperature is -273.15°C . He was honoured for this with the naming of the Kelvin temperature scale.

- (a) William Crookes
- (b) William Thomson
- (c) Luis Akvarez
- (d) Robert Hooke

Q17. The deficiency of which nutrient causes night blindness?

- (a) Vitamin K
- (b) Vitamin C
- (c) Proteins
- (d) Vitamin A

Q18. According to ____, pressure is equal to the force divided by the area on which it acts.

- (a) Pascal's Law
- (b) Hooke's Law
- (c) Stefan-Boltzmann Law
- (d) Newton's Law

Q19. Who discovered the first vaccine for smallpox?

- (a) Louis Pasteur
- (b) Edward Jenner
- (c) Alexander Fleming
- (d) John Hunter

Q20. What is the definition for the term 'hibernation'?

- (a) A state of hyperactivity in spring time among birds
- (b) Building of habitat (nests) by birds to save them in rainy season
- (c) A state of reduced metabolic activity during winter season among some animals
- (d) A habit of food conservation during summer season for winter among animals

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Q21. Which of the following elements is a lanthanide?

- (a) Actinium
- (b) Francium
- (c) Cerium
- (d) Polonium

Q22. What is the popular name of 'Ascorbic Acid'?

- (a) Vitamin A
- (b) Vitamin B12
- (c) Vitamin K
- (d) Vitamin C

Q23. The explosion of crackers is an example of _____.

- (a) Combustion
- (b) Precipitation
- (c) Decantation
- (d) Evaporation

Q24. Which of the following is a vestigial organ?

- (a) Heart
- (b) Kidney
- (c) Lungs
- (d) Appendix

Q25. What is the dominant chemical present in vinegar?

- (a) Malic acid
- (b) Formic acid
- (c) Sulphuric acid
- (d) Ethanoic acid

Q26. _____ are stable, negatively charged particles found in all atoms.

- (a) Photons
- (b) Protons
- (c) Neutrons
- (d) Electrons

Q27. _____ gas gives an orange glow when electricity is passed through it. It is generally used in fluorescent lighting.

- (a) Nitrogen
- (b) Hydrogen
- (c) Neon
- (d) Oxygen

Q28. How is the nitrogen taken up by the plants?

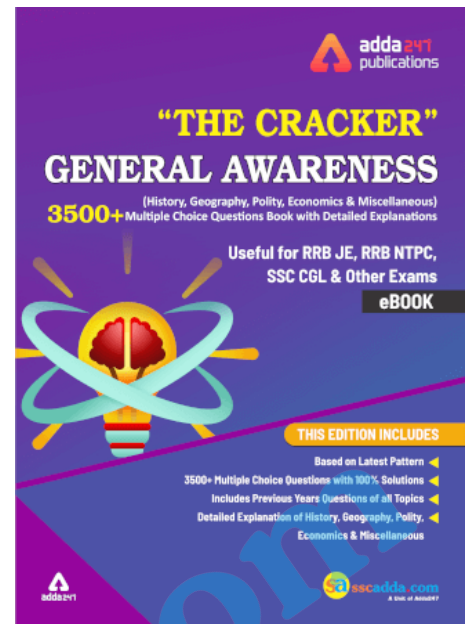
- I. In the form of inorganic nitrates or nitrites
 - II. In the form of organic compounds
 - III. Directly taken up from the atmosphere
- (a) Only I and II
(b) Only I and III
(c) Only II and III
(d) All I, II and III

Q29. The cell walls of many organisms of Fungi kingdom are made of a tough complex sugar called _____.

- (a) Pectin
(b) Suberin
(c) Cellulose
(d) Chitin

Q30. Which feature of the cell allows or permits the entry and exit of some materials in and out of the cell?

- (a) Cytoplasm
(b) Protoplasm
(c) Cell wall
(d) Plasma membrane



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