

General Science Mega Quiz for RRB NTPC

Q1. Which of the following subjects of data set is associated with the study of concerning population and humanity?

- (a) Ecology
- (b) Genetics
- (c) Demography
- (d) Virology

Q2. Rearing silk worms is known as -

- (a) Apiculture
- (b) Horticulture
- (c) Sericulture
- (d) Floriculture

Q3. The study related to the plants being used as vegetable is called -

- (a) Floriculture
- (b) Pomology
- (c) Horticulture
- (d) Olericulture

Q4. In atom, neutron was discovered by:

- (a) J. J. Thomson
- (b) Chadwick
- (c) Rutherford
- (d) Newton

Q5. Which of the following statements is CORRECT?

- (a) NaCl has same equivalent weight and molecular weight.
- (b) H^2SO_4 has same equivalent weight and molecular weight.
- (c) $CaCl^2$ has same equivalent weight and molecular weight.
- (d) Na^2SO_4 has same equivalent weight and molecular weight

Q6. A device G.M counter is used for the measurement of which of the following?

- (a) Speed of air
- (b) Mass number
- (c) Radioactivity
- (d) Valence

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Q7. Blue Vitriol is another name for which of the following?

- (a) Copper Sulphate
- (b) Sodium Chloride
- (c) Cupric oxide
- (d) Magnesium Oxide

Q8. One pikogram is equal to-

- (a) 10^{-6} gram
- (b) 10^{-9} gram
- (c) 10^{-12} gram
- (d) 10^{-15} gram

Q9. Energy conservation means-

- (a) Generation and destruction of energy
- (b) Energy could be created
- (c) Energy could not be created but destroyed
- (d) Energy can neither be created nor destroyed

Q10. If a person sitting in a lift then when will he feel that his weight gets increased?

- (a) When the elevator going upward expeditiously
- (b) When the elevator going down expeditiously.
- (c) Going upward with constant velocity.
- (d) Going downward with constant velocity.

Q11. Limbs of frog, lizard, bird and human are example of ____ organs.

- (a) Homogenous
- (b) Heterogeneous
- (c) Analogous
- (d) Homologous

Q12. Pepsin is an enzyme that digests ____.

- (a) Proteins
- (b) Starch
- (c) Carbohydrate
- (d) Fats

Q13. Lymph carries digested and absorbed fat from ____.

- (a) Lungs
- (b) Intestine
- (c) Stomach
- (d) Kidney

Q14. Photosynthesis fulfills which of the following requirements of the autotrophic organisms?

- I. Carbon
 - II. Water
 - III. Energy
- (a) Only I
(b) Only III
(c) I and III
(d) All I, II and III

Q15. The maintenance functions of living organisms are performed by the ____.

- (a) Chemical processes
(b) Life processes
(c) Physical processes
(d) No option is correct.

Q16. Which of the following may cause the breakdown of pyruvate into lactic acid in our muscles?

- (a) Lack of water
(b) Lack of Oxygen
(c) Lack of carbon dioxide
(d) Lack of nitrogen

Q17. _____ is the source of energy and materials in human beings.

- (a) Water
(b) Sunlight
(c) Food
(d) Gas

Q18. Washing soda is used ____.

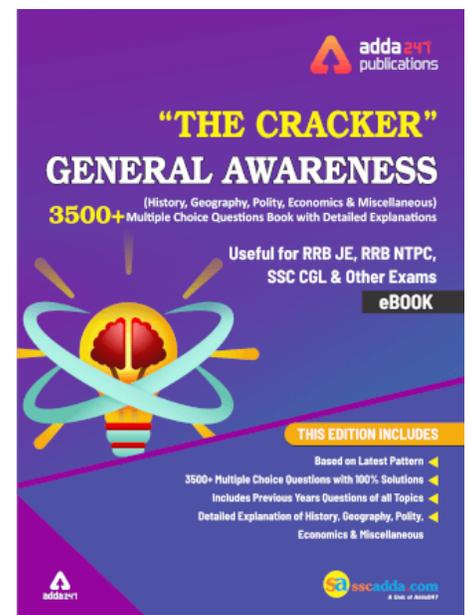
- I. for removing permanent hardness of water
- II. for disinfecting drinking water
- III. as a cleaning agent for domestic purpose

- (a) Only I and II
(b) Only I and III
(c) Only II and III
(d) All I, II and III

Q19. Which among the following statements are TRUE regarding synthetic fibre?

- I. They melt after catching fire.
- II. They are more durable.
- III. They are prepared by a number of processes using petrochemicals.

- (a) Only I and II
(b) Only I and III
(c) Only II and III
(d) All I, II and III



Q20. The impression of an image persists on the retina for about _____ of a second.

- (a) 1/10th
- (b) 1/8th
- (c) 1/16th
- (d) 1/5th

Q21. _____ of a wave is the rate of transfer of energy per unit area perpendicular to the direction of travel of the wave.

- (a) Interference
- (b) Rectification
- (c) Intensity
- (d) Diffraction

Q22. Instrument for measuring light intensity is called

- (a) Lucimeter
- (b) Cryometer
- (c) Cyanometer
- (d) Barometer

Q23. Electric motors operating at low voltages tend to burn out because-

- (a) They draw more current which is inversely proportional to the voltage.
- (b) They draw more current which is inversely proportional to the square root of the voltage.
- (c) They draw heat proportional to V^2 .
- (d) Low voltage sets in electrical discharge.

Q24. A parachute descends slowly whereas a stone dropped from the same height falls rapidly, because -

- (a) Stone is heavier than parachute
- (b) Special mechanisms are present in parachute
- (c) A parachute has a larger surface area and air resistance is more
- (d) None of the above

Q25. A vast collection of stars held together by mutual gravitation is called

- (a) A galaxy
- (b) Universe
- (c) Constellations
- (d) Nebula

Q26. In which part of the human body fat is completely digested?

- (a) Small Intestine
- (b) Liver
- (c) Stomach
- (d) Large Intestine

Q27. According to Dalton's Atomic Theory, the smallest indivisible particles of matter is called _____.

- (a) Molecule
- (b) Atom
- (c) Compound
- (d) Element

Q28. Polycot is a mixture of which among the following?

- (a) Polyester and cotton
- (b) Polyester and wool
- (c) Rayon and cotton
- (d) Rayon and wool

Q29. Which of the following is an example of thermoplastics?

- (a) Bakelite
- (b) Melamine
- (c) PVC
- (d) No option is correct.

Q30. Which of the following group does NOT follow Newlands Law of Octaves?

- (a) Li, Na
- (b) Be, Mg
- (c) C, Si
- (d) Mn, Hg

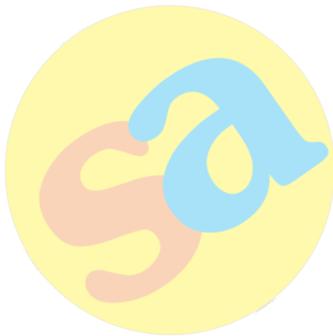
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