

## General Science Mega Quiz for RRB NTPC

**Q1. Propagation of sound can be visualised as propagation of \_\_\_\_\_ variations in the medium.**

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

**Q2. Spherical form of raindrop is due to-**

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

**Q3. 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

**Q4. The reverse effect of X-ray emission is**

- (a) Raman effect
- (b) Compton effect
- (c) Zeeman effect
- (d) Photo-electric effect

**Q5. Sour taste of 'Coca Cola' is due to the presence of -**

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

**Q6. Which of the following statements is/are correct?**

1. Cholera is a disease caused by bacteria.
2. Athlete's foot is a disease caused by virus.

Select the correct answer from the codes given below:

- (a) 2 only
- (b) 1 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

SSC  
adda247

6 Months Subscription

**RRB NTPC**

**KA MAHA PACK**

Test Series, Live Classes,  
Video Course, eBooks

**Bilingual**

**Q7. Interferon is used for the control of**

- (a) Cancer
- (b) Diabetes
- (c) T.B.
- (d) Typhoid

**Q8. Actinides are the elements with atomic numbers from**

- (a) 89 to 103
- (b) 101 to 115
- (c) 97 to 104
- (d) 36 from 43

**Q9. What is Teflon?**

- (a) Fluorocarbon
- (b) Hydrocarbon
- (c) Microbicides
- (d) Insecticide

**Q10. In a sound wave compressions are regions where density \_\_\_\_\_.**

- (a) As well as pressure is high.
- (b) As well as pressure is low.
- (c) Is high and pressure is low
- (d) Is low and pressure is high

**Q11. Which one of the following is a degenerative disorder of the brain and one of several conditions that cause dementia, a progressive decline of mental functions resulting in memory loss and confusion?**

- (a) Schizophrenia
- (b) Alzheimer's disease
- (c) Amnesia
- (d) Concussion

**Q12. Light rays enter the eye through the outer, transparent structure at the front of the eye called the \_\_\_\_\_.**

- (a) Lens
- (b) Iris
- (c) Cornea
- (d) Optic nerve

**Q13. \_\_\_\_\_ is the primary acid present in ripe bananas.**

- (a) Formic Acid
- (b) Sulphuric Acid
- (c) Malic Acid
- (d) Hydrochloric Acid

**Q14. What is the chemical name of slaked lime?**

- (a) Calcium Nitrate
- (b) Sodium Chloride
- (c) Calcium Chloride
- (d) Calcium hydroxide

**Q15. In his periodic table, Mendeleev could NOT assign a correct position to \_\_\_\_.**

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

**Q16. Who among the following gave the 'Law of Octaves'?**

- (a) Lavoisier
- (b) Mendeleev
- (c) Newlands
- (d) Dobereiner

**Q17. Which of the following is a CORRECT relation of length of small intestines of an herbivore and a carnivore?**

- (a) Herbivore = Carnivore
- (b) Herbivore < Carnivore
- (c) Herbivore > Carnivore
- (d) No option is correct.

**Q18. \_\_\_\_ are details of appearance or behavior or in other words, a particular form or a particular function in classification of organisms.**

- (a) Speciation
- (b) Evolution
- (c) Characteristics
- (d) Illustration

**Q19. Which among the following is respiratory pigment in human beings?**

- (a) Melanin
- (b) Haemoglobin
- (c) Rhodopsin
- (d) Bilirubin

**Q20. During the day which process is the major driving force in the movement of water in the xylem?**

- (a) Transpiration pull
- (b) Evaporation
- (c) Suction
- (d) Translocation



**RRB NTPC 4.0**

Starts April 9, 2020

2 PM to 3 PM

BILINGUAL

**Q21. Alveoli are balloon like structures within the \_\_\_\_.**

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

**Q22. The skin, the lining of the mouth, the lining of the blood vessels, lung alveoli and kidney tubules are all made of which type of tissue?**

- (a) Epithelial tissue
- (b) Connective tissue
- (c) Muscular tissue
- (d) Nervous tissue

**Q23. As an object falls freely its \_\_\_\_.**

- (a) Kinetic energy gets converted into potential energy
- (b) Potential energy gets converted into kinetic energy
- (c) Momentum gets converted into gravitational force
- (d) Gravitational force gets converted into momentum

**Q24. 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

**Q25. 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

**Q26. Pasteurization is a process by which-**

- (a) Milk is preserved at a very low temperature for 24 hours
- (b) Milk is heated for 8 hours
- (c) First milk is heated up to a longer time and then cooled suddenly within specified time
- (d) None of these

**Q27. Energy travels from Sun to Earth through -**

- (a) Conduction
- (b) Convection
- (c) Radiation
- (d) Modulation

**Q28. To keep drinks at the same temperature for quite sometime, the walls of thermos bottle are coated with:**

- (a) Aluminium paint
- (b) Lead Powder
- (c) Silver layer
- (d) Mercury Layer

**Q29. Force of attraction between the molecules of different substances is called**

- (a) Surface tension
- (b) Cohensive force
- (c) Adhesive force
- (d) None of above

**Q30. Satellite is kept moving in its orbit around the Earth; it is due to**

- (a) Centrifugal force
- (b) Centripetal force
- (c) Gravitational force or lack of it
- (d) Some other forces

