

## **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





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
O11 Which one of the following is a degenerative disorder of the brain and one of several
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) Schizophernia
(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
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#### 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



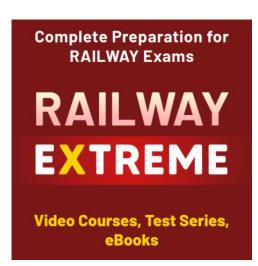
# Q21. Alveoli are balloon like structures within the \_\_\_\_\_. (a) Lungs (b) Kidney (c) Liver (d) Heart Q22. The skin, the lining of the mouth, the lining of the blood vessels, lung alveoli and kidney tubules are all made of which type of tissue? (a) Epithelial tissue (b) Connective tissue (c) Muscular 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 adda 247 (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

