

General Science Mega Quiz for RRB NTPC

Q1. Which scientist discovered the 'Penicillin'?

- (a) Louis Pasteur
- (b) Alexander Fleming
- (c) Robert Koch
- (d) Ernst Chain

Q2. Which of the following creatures is oviparous?

- (a) Frog
- (b) Rabbit
- (c) Mouse
- (d) Squirrel

Q3. Which of the following acids is present in ant bites?

- (a) Formic acid
- (b) Malic acid
- (c) Perchloric acid
- (d) Nitric acid

Q4. Which of the following is the third stage in the metamorphosis of a butterfly?

- (a) Egg
- (b) Pupa
- (c) Adult
- (d) Larva

Q5. Which of the following plants is carnivorous?

- (a) Cypress Vine
- (b) Venus Flytrap
- (c) Amaryllis
- (d) Hyacinth

Q6. How many 'canine teeth' does an adult human have?

- (a) 8
- (b) 4
- (c) 3
- (d) 2

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Q7. A traditional 'battery' contains which of the following chemicals?

- (a) Ethylene glycol
- (b) Sulphuric acid
- (c) Sodium bicarbonate
- (d) Ethanol

Q8. Which of the following is the chemical name of baking soda?

- (a) Sodium carbonate
- (b) Sulphate
- (c) Sodium hydrogen carbonate
- (d) Calcium hydroxide

Q9. Which instrument is used to measure the intensity of light produced by an unknown source in terms of a standard source?

- (a) Photometer
- (b) Calipers
- (c) Ammeter
- (d) Dynamometer

Q10. Identify the unit of measuring intensity of sound.

- (a) Knots
- (b) Ampere
- (c) Candela
- (d) Decibels

Q11. The rhythmic contraction of the lining of muscles of canal to push the food along the gut is called _____.

- (a) Peristalsis
- (b) Facilitation
- (c) Guttation
- (d) No option is correct

Q12. Which of the following protects the inner lining of the stomach from the action of the hydrochloric acid under the normal conditions?

- (a) Villi
- (b) Mucus
- (c) Saliva
- (d) Digestive Juices

Q13. The smallest blood vessels which are one-cell thick, are called _____.

- (a) Vena cava
- (b) Arteries
- (c) Veins
- (d) Capillaries

Q14. Alveoli are balloon like structures within the ____.

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

Q15. If the Distance-Time graph is a curve then it represents _____.

- (a) uniform speed
- (b) constant displacement
- (c) uniform momentum
- (d) non-uniform speed

Q16. _____ of species is a reflection of their evolutionary relationships.

- (a) Characteristics
- (b) Adaptation
- (c) Illustration
- (d) Classification

Q17. Robert Hooke discovered cells by observing them in a ____.

- (a) Onion peel
- (b) Cork slice
- (c) Pond water
- (d) No option is correct

Q18. 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

Q19. 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

Q20. 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.

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Q21. If the Distance-Time graph is a curve then it represents _____.

- (a) uniform speed
- (b) constant displacement
- (c) uniform momentum
- (d) non-uniform speed

Q22. What is the heat generated (in J) in a heating element of resistance 900Ω when a current of 0.3 A passes through it for 10 seconds?

- (a) 2700
- (b) 810
- (c) 405
- (d) 1350

Q23. As the object covers unequal distances in equal intervals of time, it is said to be in _____ motion.

- (a) Uniform
- (b) linear
- (c) Non-uniform
- (d) Equilibrium

Q24. Find the current (in A) when a charge of 500 Coulomb flows in 25 seconds.

- (a) 12500
- (b) 20
- (c) 40
- (d) 6250

Q25. During _____ motion of an object along a straight line, the velocity remains constant with time.

- (a) Linear
- (b) Translational
- (c) Uniform
- (d) Equilibrium

Q26. Instrument for measuring wind velocity is called -

- (a) Coulombmeter
- (b) Anemometer
- (c) Cyanometer
- (d) Chronometer

Q27. Who was the first Indian astronaut to travel in space?

- (a) Rakesh Sharma
- (b) Ravish Malhotra
- (c) Kalpana Chawla
- (d) Sheikh Muszaphar Shukor

Q28. $AV = \text{constant}$, where $A = \text{area of cross-section}$ and $V = \text{velocity of fluid}$. This equation is called _____.

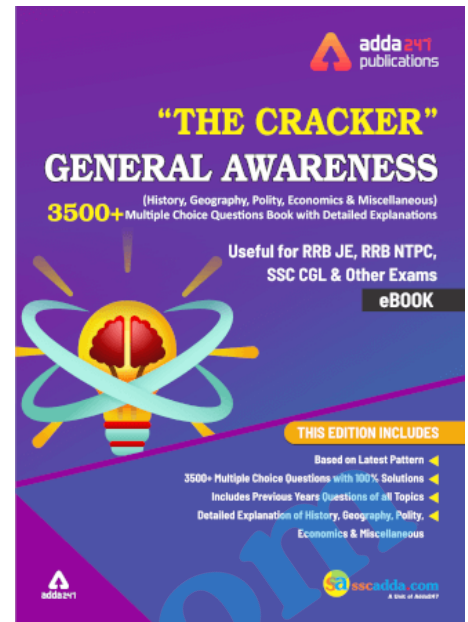
- (a) Equation of discontinuity
- (b) Equation of continuity
- (c) Equation of sustenance
- (d) Equation of parallelism

Q29. A body in equilibrium _____.

- (a) can move with constant acceleration
- (b) is always at rest
- (c) can move with constant velocity
- (d) can move with variable acceleration

Q30. What is the viscosity of an ideal fluid?

- (a) Equal to its mass
- (b) Equal to its weight
- (c) Zero
- (d) One



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