

General Science Mega Quiz for SSC and RRB NTPC

Q1. Preserved traces of living organisms retained in the form of impressions of the body parts in the soil are called ____.

- (a) Specimen
- (b) Fossils
- (c) Antique
- (d) Phylogeny

Q2. Alveoli are balloon like structures within the ____.

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

Q3. Each trait in the child can be influenced by ____ DNA.

- (a) Only paternal
- (b) Only maternal
- (c) Both paternal and maternal
- (d) Neither paternal nor maternal

Q4. Which among the following is respiratory pigment in human beings?

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

Q5. Which drug is used as an Anti-Inflammatory?

- (a) Metformin
- (b) Diazepam
- (c) Latanoprost
- (d) Prednisone

Q6. The Chemical formula of Cadmium nitrate is ____.

- (a) $Cd(NO_3)_2$
- (b) $CdNO_3$
- (c) $Cd_2(NO_3)_2$
- (d) Cd_2NO_3

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Q7. The residual attractive or repulsive forces between molecules or atomic groups that do not arise from a covalent bond, or ionic bonds is called ____ .

- (a) Neutral Bond
- (b) Non Polar Bond
- (c) Electro Valence bond
- (d) Van der Walls bond

Q8. The shortest distance measured from the initial to the final position of an object is known as the _____.

- (a) Motion
- (b) Direction
- (c) Velocity
- (d) Displacement

Q9. 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

Q10. In a _____ wave particles of the medium vibrate in a direction perpendicular to the direction of wave propagation.

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

Q11. Cattle quickly swallow grass and store it in their _____.

- (a) Rumen
- (b) Oesophagus
- (c) Small intestine
- (d) Salivary glands

Q12. Who discovered bacteria?

- (a) AntonieVan Leeuwenhoek
- (b) Robert Brown
- (c) Robert Hook
- (d) Robert Koch

Q13. Nephron is related to which of the following system of human body?

- (a) Circulatory system
- (b) Excretory system
- (c) Reproductive system
- (d) Respiratory system

Q14. Which of the following is responsible for giving colour to human skin?

- (a) Luciferin
- (b) Haemoglobin
- (c) Flavonoids
- (d) Melanin

Q15. Pancreas' functions as an:

- 1. Endocrine gland**
- 2. Exocrine gland**

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

Q16. Which of the following group does NOT follow New lands Law of Octaves?

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

Q17. Isotopes of an element have ____.

- (a) Same physical properties
- (b) Different chemical properties
- (c) Different number of neutrons
- (d) Different atomic number

Q18. Which one of the following is known as the 'brown coal'?

- (a) Anthracite
- (b) Bituminous
- (c) Coke
- (d) Lignite

Q19. Which of the following pairs is correctly matched?

- | | |
|---------------|----------------------|
| A. Radium | 1. Alexander Fleming |
| B. Penicillin | 2. Madan Curie |
| C. X-ray | 3. Edward Jenner |
| D. Smallpox | 4. W.K. Roentgen |

Code: A B C D

- (a) 2 1 4 3
- (b) 2 3 4 1
- (c) 3 4 1 2
- (d) 4 1 2 3

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Q20. The electric current does not flow between two properly connected charged bodies if they are having

- (a) Same charge
- (b) Same capacity
- (c) Same resistivity
- (d) Same potential

Q21. Mitochondria was discovered by -

- (a) Weismann
- (b) Darwin
- (c) Lamarck
- (d) Richard Altamann

Q22. Which of the following is a Parthenocarpic fruit?

- (a) Banana
- (b) Apple
- (c) Mulberry
- (d) Strawberry

Q23. Which is the anti-coagulant substance in blood?

- (a) Fibrinogen
- (b) Heparin
- (c) Thrombin
- (d) Globin

Q24. Which of the following parasites is responsible for 65% of the cases of malaria in India?

- (a) *P. malariae*
- (b) *P. vivax*
- (c) *P. falciparum*
- (d) *P. Ovale*

Q25. To avoid 'knocking' of the engine of a car, which one of the following is used as an anti-knocking agent?

- (a) Ethyl alcohol
- (b) Butane
- (c) Tetra Ethyl Lead
- (d) White Petrol

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

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