

## General Science Mega Quiz for SSC & RRB NTPC

Q1. \_\_\_\_\_ 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

Q2. Instrument for measuring light intensity is called

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

Q3. 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.

Q4. 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

Q5. A vast collection of stars held together by mutual gravitation is called

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

Q6. In which part of the human body fat is completely digested?

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

Complete Preparation for  
RAILWAY Exams

**RAILWAY**  
**EXTREME**

Video Courses, Test Series,  
eBooks

**Q7. 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

**Q8. 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

**Q9. The smallest blood vessels which are one-cell thick, are called \_\_\_\_\_.**

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

**Q10. Alveoli are balloon like structures within the \_\_\_\_\_.**

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



**Q11. Who Invented water turbine?**

- (a) Enrico Fermi
- (b) Adolf Gaston Eugen Fick
- (c) Sandford Fleming
- (d) Benoit Fourneyron

**Q12. \_\_\_\_\_ 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

**Q13. Who invented PlayStation?**

- (a) Wright brothers
- (b) Reynold B. Johnson
- (c) Assen Jordanoff
- (d) Ken Kutaragi

**Q14. Instrument for measuring light intensity is called**

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

**Q15. The absorption of ink by blotting paper involves**

- (a) Viscosity of ink
- (b) Capillary action phenomenon
- (c) Diffusion of ink through the blotting
- (d) Siphon action

**Q16. Which of the following gas contributes the maximum to the phenomena of global warming?**

- (a) Methane
- (b) Chlorofluorocarbon (CFC)
- (c) Nitrogen dioxide
- (d) Carbon dioxide

**Q17. These days yellow lamps are frequently used as street light. Which one of the following is used in these lamps:**

- (a) Sodium
- (b) Neon
- (c) Hydrogen
- (d) Nitrogen



**Q18. The colour of light is determined by its**

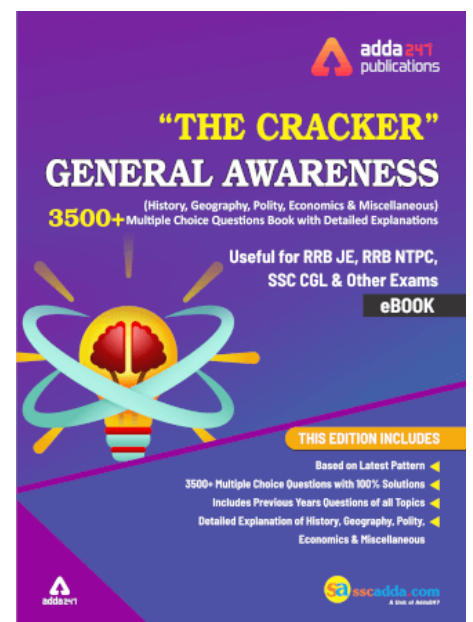
- (a) Amplitude
- (b) Wavelength
- (c) Intensity
- (d) Velocity

**Q19. The sun is visible to us a few minutes before the actual sunrise because of:**

- (a) Scattering of light
- (b) Diffraction of light
- (c) Total internal reflection of light
- (d) Refraction of light

**Q20. The concept of expanding universe is based on-**

- (a) Doppler effect
- (b) Stark effect
- (c) Zeeman effect
- (d) Raman effect



**Q21. 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

**Q22. Rearing silk worms is known as -**

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

**Q23. The study related to the plants being used as vegetable is called -**

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

**Q24. In atom, neutron was discovered by:**

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



**Q25. 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

**Q26. Which of the following is a communicable disease?**

- (a) Measles
- (b) Scurvy
- (c) Asthma
- (d) Diabetes

**Q27. Which of the following has a strong fruity fragrance?**

- (a) Methyl chloride
- (b) Methanoic acid
- (c) Methanol
- (d) Ethyl Acetate

**Q28. Which of the following is an aldehyde?**

- (a) Propanal
- (b) Propanol
- (c) Propanone
- (d) Propine

**Q29. Which of the following elements is a metalloid?**

- (a) tin
- (b) Bismuth
- (c) Silicon
- (d) Phosphorus

**Q30. J J Thomson received the Nobel Prize in Physics for the discovery of \_\_\_\_\_.**

- (a) Protons
- (b) Electrons
- (c) Neutrons
- (d) Positrons

6 Months Subscription

**RRB NTPC**

**KA MAHA PACK**

Test Series, Live Classes,  
Video Course, eBooks

**Bilingual**

