

## General Science Mega Quiz for RRB NTPC

**Q1. The colour of solid Iodine is–**

- (a) White
- (b) Colorless
- (c) Purplish Grey to Black
- (d) Reddish Brown

**Q2. Which of the following technological inventions came first?**

- (a) Telegraph
- (b) Telescope
- (c) Telephone
- (d) Teletype

**Q3. Which of the following is NOT a Greenhouse Gas?**

- (a) Nitrous Oxide
- (b) Methane
- (c) Sulphur Hexafluoride
- (d) Copper Dioxide

**Q4. If the pH value of a substance is lower than 7, it would be considered as–**

- (a) Neutral
- (b) Base
- (c) Acid
- (d) Ion

**Q5. Which of the following is NOT a rich source of Calcium?**

- (a) Cheese
- (b) Collard Greens
- (c) Figs
- (d) Carrots

**Q6. What is Geotropism?**

- (a) Growth of plants in response to Gravity
- (b) Growth of plants in response to Sunlight
- (c) Growth of plants in response to Nutrients
- (d) Growth of plants in response to Water

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**Q7. In 1831, electricity became viable for use in technology when \_\_\_\_\_ created the electric dynamo.**

- (a) Benjamin Franklin
- (b) Alessandro Volta
- (c) Michael Faraday
- (d) Thomas Edison

**Q8. Which of the following is false?**

Sound waves are \_\_\_\_\_ waves.

- (a) Pressure
- (b) Longitudinal
- (c) Electromagnetic
- (d) Mechanical

**Q9. Which of the following was the first antibiotic discovered by Alexander Fleming in 1928?**

- (a) Penicillin
- (b) Prontosil
- (c) Streptomycin
- (d) Teracyline

**Q10. Which of the following is the most common kidney stone-forming compound?**

- (a) Calcium oxalate
- (b) Magnesium oxide
- (c) Sodium bicarbonate
- (d) Magnesium citrate

**Q11. The scientific study of insects is known as:**

- (a) Ichthyology
- (b) Entomology
- (c) Parasitology
- (d) Malacology

**Q12. The study of properties and method of biological systems found in nature and use of this knowledge in mechanical world is known as -**

- (a) Bionics
- (b) Bionomics
- (c) Bionomy
- (d) Biometry

**Q13. Match List – I with List – II and select the correct answer using the codes given below the lists:**

List – I (Characteristic)	List – II (Particle)
A. Zero mass	1. Positron
B. Fractional charge	2. Neutrino
C. Fractional spin	3. Quark
D. Integral spin	4. Phonon

Code:

	A	B	C	D
(a)	2	3	1	4
(b)	3	2	4	1
(c)	2	3	4	1
(d)	3	2	1	4

**Q14. Waves of the Ultra High Frequency (UHF) range normally propagate by means of**

- (a) Ground waves
- (b) Sky waves
- (c) Space waves
- (d) Surface waves

**Q15. What is the distance between two successive crests or successive troughs called?**

- (a) Amplitude
- (b) Wavelength
- (c) Frequency
- (d) None of these

**Q16. Which one of the following is used for determining the structure of crystal:**

- (a) Gamma rays
- (b) X-rays
- (c) UV rays
- (d) visible lights

**Q17. A radar which detects the presence of an enemy aircraft uses:**

- (a) Light waves
- (b) Radio waves
- (c) Sound waves
- (d) Ultrasound waves

**Q18. The property of catenation is predominant in \_\_\_\_\_.**

- (a) Sulphur
- (b) Nitrogen
- (c) Silicon
- (d) Carbon

**Q19. During photosynthesis, green plants use energy from sunlight to synthesise \_\_\_\_ from carbon dioxide and water.**

- (a) Sucrose
- (b) Glucose
- (c) Galactose
- (d) Fructose

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**Q20. Bariatric surgery makes changes to a person's \_\_\_\_.**

- (a) Digestive system
- (b) Heart
- (c) Nasal passage
- (d) Lungs

**Q21. Study of Zoology deals with:**

- (a) Living animals only
- (b) Living plants only
- (c) Both living and dead animals
- (d) Both living and dead plants

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

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

**Q23. Which of the following statement about molecular structure is correct:**

- (a) Neutron and electron are found inside the nucleus and protons revolves around the nucleus.
- (b) Electron and proton are inside the nucleus and neutron revolve around the nucleus.
- (c) Proton and neutron are inside the nucleus and electrons revolve around the nucleus.
- (d) Proton, neutron and electron all are inside the nucleus.

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

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

**Q25. The alpha particle carries two positive charges. Its mass is very nearly equal to that of-**

- (a) Two protons
- (b) Nucleus of an atom of helium
- (c) Sum of masses of two positrons and two neutrons
- (d) Two positrons, as each positron carries a single positive charge

**Q26. The Nucleus of Helium has -**

- (a) Only one neutron
- (b) Two protons
- (c) Two protons and two neutrons
- (d) One proton and two neutrons

**Q27. Wireless communication is reflected back to the earth's surface by the –**

- (a) Troposphere
- (b) Stratosphere
- (c) Ionosphere
- (d) Exosphere

**Q28. Cosmic rays –**

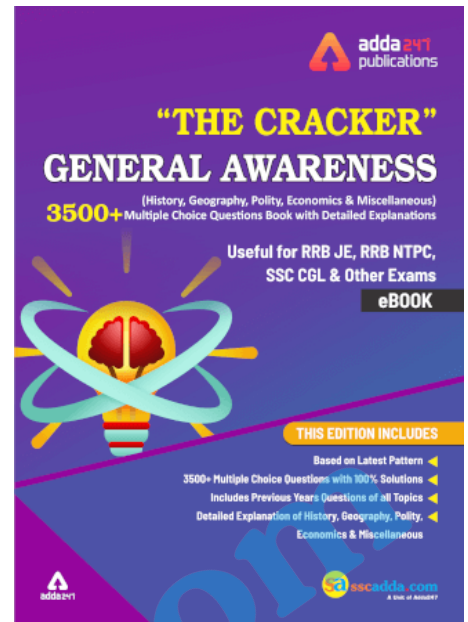
- (a) Are charged particles
- (b) Are uncharged particles
- (c) Can be charged as well as uncharged
- (d) None of the above

**Q29. Which of the following has the longest wavelength?**

- (a) Infrared
- (b) X-rays
- (c) Visible light
- (d) Radio waves

**Q30. Which of the following carries a negative charge?**

- (a) X – rays
- (b) Alpha particles
- (c) Beta particles
- (d) Gamma rays



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