

## General Awareness Mega Quiz for RRB NTPC (Solutions)

**S1. Ans.(a)**

**Sol.** The refractive index of diamond is very high. Diamond achieves brilliance partially from total internal refraction. It has been cut or designed in such a way that if light enters into it, incident light strikes many of the internal surfaces.

**S2. Ans.(c)**

**Sol.** India has a three member election commission. These all are appointed by the President for a term which is fixed by the President. However, conditions of service and tenure of office of the chief election commissioner and other election commissioner are determined by an act of parliament titled The Chief Election Commissioner and Other Election Commissioners (Conditions of Service) Act, 1991.

**S3. Ans.(b)**

**Sol.** Under article 226 of Indian constitution High court can issue writ when fundamental right of an individual is breached.

**S4. Ans.(b)**

**Sol.** 'Local Government' is in State subject list of Seventh Schedule of Indian Constitution.

**S5. Ans.(b)**

**Sol.** The Constitution provides for the abolition or creation of legislative councils in states. Accordingly, the Parliament can abolish a legislative council or create if the legislative assembly of the concerned state passes a resolution to that effect.

**S6. Ans.(c)**

**Sol.** A Money Bill cannot be introduced in the legislative council. It can be introduced in the legislative assembly only and that too on the recommendation of the governor. Every such bill is considered to be a government bill and can be introduced only by a minister.

**S7. Ans.(d)**

**Sol.** The primary object of an adjournment motion is to draw the attention of house to a recent matter of urgent public importance having serious consequences and in regard to which a motion or a resolution with proper notice will be too late.

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**S8. Ans.(d)**

**Sol.** The recent version of Android is Android 9 Pie, which was released in August 2018.

**S9. Ans.(a)**

**Sol.** The ability of an operating system to run more than one application at a time is called Multi-tasking.

**S10. Ans.(d)**

**Sol.** No virus can physically damage computer hardware.

**S11. Ans.(b)**

**Sol.** In terms of size, Saturn ranks no. two in our Solar System after Jupiter.

**S12. Ans.(b)**

**Sol.** Australia with 2,967,909 square miles (7,686,884 square km) total area is the smallest Continent.

**S13. Ans.(a)**

**Sol.** Comptroller and Auditor General of India (CAG) is the supreme body for audit and accounts in India. He is the guardian of the public purse and controls the entire financial system of the country at both levels i.e. state and central. The All India Services (AIS) comprises Civil Services of India, namely the Indian Administrative Service (IAS), the Indian Forest Service (IFS) and the Indian Police Service (IPS).

**S14. Ans.(b)**

**Sol.** The 73rd Amendment 1992 added a new Part IX to the constitution titled "The Panchayats" covering provisions from Article 243 to 243(O); and a new Eleventh Schedule covering the functions of the Panchayats.

**S15. Ans.(a)**

**Sol.** In India, National Emergency can be proclaimed on the grounds of war or external aggression or armed rebellion.

**S16. Ans.(d)**

**Sol.** At absolute zero the gas molecules stop their movement or we can say that molecular kinetic energy will become zero.


**S17. Ans.(a)**

**Sol.** The Isotones are a set of nuclides/atoms having the same number of neutrons, but a different number of protons.

**S18. Ans.(d)**

**Sol.** M S Swaminathan is an Indian geneticist and administrator, known for his role in India's Green Revolution, a program under which high-yield varieties of wheat and rice were planted. Swaminathan has been called the "Father of Green Revolution in India".

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**S19. Ans.(c)**

**Sol.** Anjali Bhagwat is a professional Indian shooter. She became the World Number One in 10m Air Rifle in 2002. She also won her first World Cup Final in Milan, in 2003, with a score of 399/400.

**S20. Ans.(b)**

**Sol.** Thoda is the impressive martial art and folk dance form of Himachal Pradesh.

**S21. Ans.(a)**

**Sol.** The largest herbarium in India is Indian Botanical Garden, Kolkata. It consists of 1000000 numbers of specimens.

**S22. Ans.(a)**

**Sol.** At Barren Island, the only active volcano in India is situated in Andaman Islands. Barren Island is situated in the Andaman Sea and lies about 138 km (86 mi) northeast of the territory's capital, Port Blair. It is the only active Volcano along the chain from Sumatra to Myanmar and also the only active volcano in India.

**S23. Ans.(a)**

**Sol.** Bhagirathi and Alaknanda meet at Devaprayag and the joint stream is called Ganga. Devaprayag is situated in Tehri Garhwal district of Uttarakhand.

**S24. Ans.(b)**

**Sol.** The earliest reference to sati custom is made in Eran inscription of Bhanugupta.

**S25. Ans.(d)**

**Sol.** Astamahasthanas are eight great holy places associated with the life of Buddha. These include four pilgrimage sites related to the life of Gautama Buddha viz. Lumbini, Bodhgaya, Sarnath and Kushinagara and four other sites viz. Sravasti, Sankasya, Rajgir and Vaishali. Pawapuri is not associated with him.

**S26. Ans.(c)**

**Sol.** Samadhi of Guru Gobind Singh is located at- Hazur Sahib Nanded.


**S27. Ans.(d)**

**Sol.** Sardar Patel is NOT associated with Champaran Satyagraha.

**S28. Ans.(a)**

**Sol.** Erode Venkatappa Ramasamy commonly known as Periyar, also referred to as Thanthai Periyar, was an Indian social activist, and politician who started the Self-Respect Movement and Dravidar Kazhagam. He is known as the 'Father of modern Tamil Nadu'. He has done exemplary works against Brahminical dominance, caste prevalence and women oppression in Tamil Nadu.

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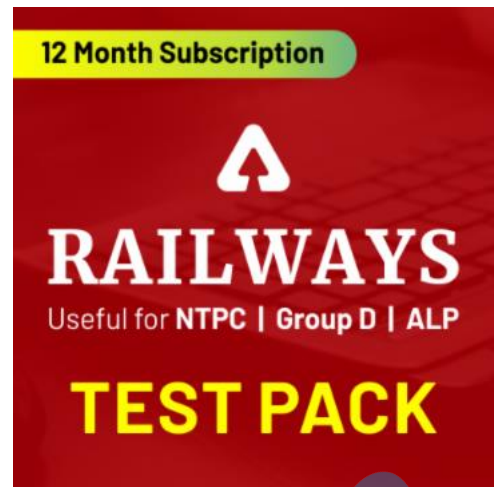
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**S29. Ans.(c)**

**Sol.** Heavy water (D<sub>2</sub>O), also called deuterium oxide, water composed of deuterium, the hydrogen isotope with a mass double that of ordinary hydrogen, and oxygen.

**S30. Ans.(c)**

**Sol.** Arsenic has highest electronegativity in the given elements.



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