

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

**S1. Ans.(c)**

**Sol.** The National Defence Academy (NDA) is located in Khadakwasla near Pune, Maharashtra. It is the first tri-ser-vice academy in the world.

**S2. Ans.(a)**

**Sol.** VandeMataram, a poem from Bankim Chandra Chattopadhyay's 1882 novel Anandamath, is the national song of India. Aurobindo Chose translated it into English. The literal translation of all the stanzas of VandeMataram by AurobindoGhose appeared in Karmayogin, 20 November, 1909.

**S3. Ans.(d)**

**Sol.** Downstream of the SriramSagar dam, Godavari is joined by many major tributaries, namely, Pranhita, Indravati and Sabari which carry large volumes of flood water during monsoon.

**S4. Ans.(a)**

**Sol.** Each element has a specific set of chemical properties as a consequence of the number of electrons present in the neutral atom, which is the atomic number. The number of electrons in each element's electron shells is the primary factor in determining its chemical bonding behaviour. Hence, it is the atomic number alone that determines the chemical properties of an element.

**S5. Ans.(b)**

**Sol.** Carrots are an excellent source of vitamin A (in the form of carotenoids). In addition, they are a very good source of biotin, vitamin K, dietary fiber, molybdenum, potassium, vitamin B<sub>6</sub>, and vitamin C.

**S6. Ans.(d)**

**Sol.** Indian classical dance is an umbrella term for various codified art forms rooted in Natya and sacred Hindu musical the atre styles whose theory can be traced back to thheNatyaShastra of Bharata Muni (400 BC). The SangeetNatakAkademi currently confers classical status on eight Indian classical dance styles: Bharatanatyam (Tamil Nadu), Kahtak (North India), Kathakali (Kerala), Kuchipudi (Andhra Pradesh), Manipuri (Manipur), Mohiniyattam (Kerala), Odissi (Odisha), and Sattriya (Assam).

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**S7. Ans.(b)**

**Sol.** Rice is the dominant crop of India; wheat comes second both in terms of total production and the area under cultivation. Rice occupies 23.3 percent of gross cropped area of the country and contributes 43 per cent of total food grain production. It is the staple food of the people of the eastern and southern parts of the country. Besides, India accounts for 20% of all world rice production.

**S8. Ans.(a)**

**Sol.** Average annual rainfall of Leh is only 102 mm (4.02 inches). The annual rainfall pattern in other places is as follows: Bikaner: 260 – 440 millimetres (10 – 17 in); Jaipur: over 650 millimetres (26 in).

**S9. Ans.(d)**

**Sol.** The First Five-year Plan (1951-1956) was mainly focused in development of the agricultural sector. It was based on Harrod-Domar Model.

**S10. Ans.(b)**

**Sol.** The cohesive forces between liquid molecules are responsible for the phenomenon known as surface tension. The molecules at the surface do not have other like molecules on all sides of them and consequently they cohere more strongly to those directly associated with them on the surface. This forms a surface "film" which makes it more difficult to move an object through the surface than to move it when it is completely submerged.

**S11. Ans.(d)**

**Sol.** The World Health Day (WHD) is observed every year on 7 April to mark the anniversary of the founding of the World Health Organization (WHO).

**S12. Ans.(a)**

**Sol.** Sendai Framework for Disaster Risk Reduction (SFDRR) is an international Treaty that was approved by UN member states in March 2015 at Third World Conference on Disaster Risk Reduction held in Sendai, Japan. It is voluntary and non-binding treaty which recognizes that UN member State has primary role to reduce disaster risk.

**S13. Ans.(c)**

**Sol.** The 12th edition of East Asia Summit (EAS) held in Philippines. It was held on 14 November 2017 in Manila, Philippines.

**S14. Ans.(b)**

**Sol.** The Jnanpith Award is an Indian literary award presented annually by the Bharatiya Jnanpith to an author for their "outstanding contribution towards literature". Writer of Hindi literature Krishna Sobti conferred with the country's highest literary honour, Jnanpith Award 2017.

**S15. Ans.(c)**

**Sol.** The chemical used for cloud seeding for artificial rains is silver iodide.

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**S16. Ans.(c)**

**Sol.** WiMAX stands for “Worldwide Interoperability for Microwave Access” and is a standard-based technology for providing a wireless alternative to cable and DSL connections.

**S17. Ans.(c)**

**Sol.** Chabahar Port is a seaport in Chabahar located in southeastern Iran, on the Gulf of Oman. It is joint programme of Iran and India.

**S18. Ans.(b)**

**Sol.** Chemical composition of cement is limestone, Gypsum and clay. Cement consists essentially of compounds of lime (calcium oxide, CaO) mixed with silica (silicon dioxide, SiO<sub>2</sub>) and alumina.

**S19. Ans.(c)**

**Sol.** India's population growth is characterised by increase in birth rate and declining death rate.

**S20. Ans.(c)**

**Sol.** Lacrymal glands are situated in the Eye Orbit

**S21. Ans.(b)**

**Sol.** Hygrometer is a instrument used in meteorological science to measure the humidity, or amount of water vapour in the air.

**S22. Ans.(d)**

**Sol.** The slug is the unit of mass in the US common system of units.

**S23. Ans.(a)**

**Sol.** The oil in the wick of an oil lamp rises up due to capillary action. Capillary action describes the ability of a liquid to flow against gravity in a narrow space such as a thin tube.

**S24. Ans.(d)**

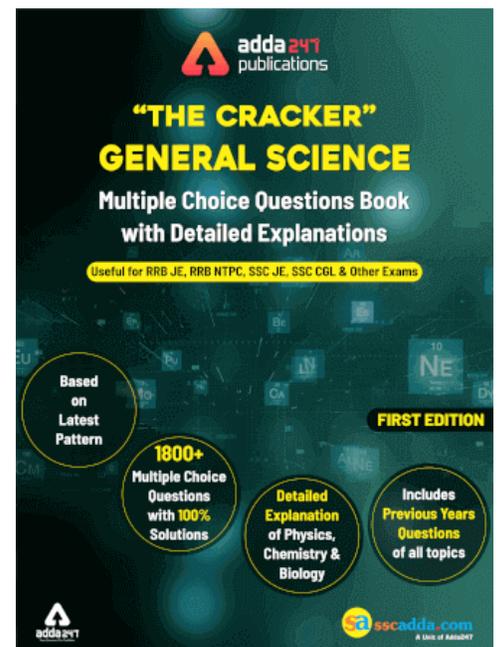
**Sol.** World Environment Day is held each year on June 5. It is one of the principal vehicles through which the United Nations (UN) stimulates worldwide awareness of the environment and enhances political attention and action.

**S25. Ans.(d)**

**Sol.** Blue Baby Syndrome is caused by decreased ability of blood to carry oxygen, resulting in oxygen deficiency in different body parts. The disease can be caused by intake of water and vegetables high in nitrate, exposure to chemicals containing nitrate.

**S26. Ans.(b)**

**Sol.** The Indian Space Research Organisation (ISRO) will launch the India's first mission to the Sun “Aditya-L1 mission”. The aim of the solar mission is to improve the understanding of dynamical processes of the sun.



**S27. Ans.(c)**

**Sol.** Under the chairmanship of NK Singh the 15th Finance Commission has been constituted by the Union Government. The commission will review the current status of the finance, deficit, debt levels, cash balances and fiscal discipline efforts of the Union and the states.

It will also recommend a fiscal consolidation road map for sound fiscal management.

**S28. Ans.(c)**

**Sol.** The Ministry of Utmost Happiness is written by Arundhati Roy. The Ministry of Utmost Happiness is the second novel by Indian writer Arundhati Roy, published in 2017.

**S29. Ans.(b)**

**Sol.** There are 64 squares are there in a Chess board.

**S30. Ans.(b)**

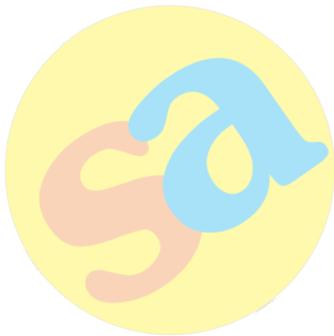
**Sol.** Onam is an annual Hindu festival of Kerala in India. 'Boat race' is part of Onam festival.

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