

Quiz Date: 14th July 2023

Q1. Which services received an extension of GST exemption to encourage startups during the meeting?

- (a) Satellite Launch Services
- (b) Goods Transport Agencies (GTAs)
- (c) Services Provided by Directors
- (d) Food and Beverages in Cinema Halls
- (e) Online Gaming

Q2. Which of the following statements about Majorana zero modes is true?

- (a) Majorana zero modes are particles that have separate antiparticles.
- (b) Majorana zero modes are formed by combining three Majorana particles.
- (c) Majorana zero modes possess unique properties and are their own antiparticles.
- (d) Majorana zero modes are exclusively used in classical computing.
- (e) Majorana zero modes are theoretical particles with no experimental evidence.

Q3. What was the retail inflation rate in India in June?

- (a) 4.31%
- (b) 4.49%
- (c) 4.81%
- (d) 5.66%
- (e) 7%

Q4. What was the growth rate of industrial production in May?

- (a) 4.5%
- (b) 5.2%
- (c) 19.7%
- (d) 20.7%
- (e) 23.5%

Q5. What is a qubit in quantum computing?

- (a) A basic unit of information in classical computing.
- (b) A particle that exists in a single quantum state.
- (c) A binary state that can be 0 or 1.
- (d) A multidimensional state that can represent complex information.
- (e) A measurement of computational power in quantum computing.

Q6. What does the latest update of the Multidimensional Poverty Index (MPI) reveal about India's progress in poverty reduction?

- (a) India has lifted 415 million people out of poverty in 15 years.
- (b) India has achieved a significant milestone in poverty reduction.
- (c) India's poverty incidence has dropped to 16.4% in 2019/2021.

- (d) All of the above.
- (e) None of the above.

Q7. The Multidimensional Poverty Index (MPI) measures poverty in which of the following aspects?

- (a) Education, health, and income.
- (b) Education, health, and living standards.
- (c) Income, housing, and employment.
- (d) Housing, education, and healthcare.
- (e) None of the above.



Q8. What was the recent judgment by the Telangana High Court regarding the Telangana Eunuchs Act?

- (a) The Act was upheld as constitutional and valid.
- (b) The Act was declared discriminatory and unconstitutional.
- (c) The Act was amended to provide better protections for the transgender community.
- (d) The Act was expanded to include additional provisions for transgender rights.
- (e) None of the above.

Q9. Who is Max Life Insurance Company Limited a joint venture between?

- (a) Max Financial Services Limited and Axis Bank Limited
- (b) State Bank of India and HDFC Bank
- (c) ICICI Bank and Punjab National Bank
- (d) HDFC Life Insurance and Bajaj Allianz
- (e) Life Insurance Corporation of India and Standard Chartered Bank

Q10. Which fundamental rights were cited as violated by the Telangana Eunuchs

Act, according to the High Court's judgment?

- (a) Right to Education and Right to Healthcare
- (b) Right to Equality and Right to Freedom of Expression
- (c) Right to Privacy and Right to Dignity
- (d) Right to Property and Right to Religion
- (e) None of the above.

Q11. Which organization recently revoked intellectual property protection granted to PepsiCO India Holdings Pvt ltd. for a potato variety developed by them?

- (a) Protection of Plant Varieties and Farmers' Rights Authority (PPVFRA)
- (b) Department of Agriculture, Cooperation and Farmers Welfare
- (c) Ministry of Agriculture and Farmers' Welfare
- (d) Plant Varieties Protection Appellate Tribunal
- (e) None of the above

Q12. Which tribunal can hear appeals related to the registration of plant varieties under the PPVFRA?

- (a) Plant Varieties Protection Appellate Tribunal
- (b) National Green Tribunal
- (c) Central Administrative Tribunal
- (d) National Consumer Disputes Redressal Commission
- (e) None of the above

Q13. Who is the Director General of the Directorate General of Civil Aviation (DGCA) in India(as of July 2023)?

- (a) Rajiv Kumar
- (b) Amitabh Kant
- (c) Vikram Dev Dutt
- (d) Ramesh Abhishek
- (e) None of the above

Q14. The Uttar Pradesh Cabinet recently approved the construction of two thermal power projects in Sonbhadra. What is the capacity of each power plant?

- (a) 500MW
- (b) 800MW
- (c) 1000MW
- (d) 1200MW
- (e) None of the above

Q15. Who is the Chairman & Managing Director(as of July 2023) of National Thermal Power Corporation (NTPC)?

- (a) Gurdeep Singh
- (b) R.K. Singh

- (c) Anil Kumar Jha
- (d) Prakash Javadekar
- (e) None of the above

### Solutions

S1. Ans.(a)

Sol. GST exemption on satellite launch services supplied by ISRO, Antrix Corporation Limited, and New Space India Limited (NSIL) may be extended to such services supplied by organizations in the private sector to encourage startups.

S2. Ans.(c)

Sol. Majorana zero modes are formed by combining two Majorana particles and differ from conventional particles in that they do not have separate antiparticles. Experimental progress has been made in their creation, as mentioned in the previous information.

S3. Ans.(c)

Sol. Retail inflation in India surged to 4.81% in June due to higher food prices.

S4. Ans.(b)

Sol. India's industrial production grew by 5.2% in May, driven by the manufacturing and mining sectors.

S5. Ans.(d)

Sol. Unlike classical bits that are limited to binary states of 0 or 1, a qubit in quantum computing can exist in a multidimensional state, allowing for more complex representations of information.

S6. Ans.(d)

Sol. The latest update of the MPI highlights India's remarkable achievement in poverty reduction, with 415 million people lifted out of poverty in just 15 years. The poverty incidence in India has also dropped to 16.4% in 2019/2021.

S7. Ans.(b)

Sol. The MPI assesses poverty by considering deprivations in education, health, and living standards, providing a comprehensive understanding of poverty beyond income measures.

S8. Ans.(b)

Sol. The Telangana High Court struck down the Telangana Eunuchs Act, ruling it as unconstitutional and violating the human rights of the transgender community.

S9. Ans.(a)

Sol. Max Financial Services Limited and Axis Bank Limited, Max Life Insurance is a joint venture between these two entities.

S10. Ans.(c)

Sol. The High Court observed that the Telangana Eunuchs Act violated the Right to Privacy and Right to Dignity of transgender persons, as protected under Article 21 of the Constitution of India.

S11. Ans.(a)

Sol. The PPVFRA revoked the intellectual property protection granted to PepsiCO India Holdings Pvt ltd. for a potato variety developed by them.

S12. Ans.(a)

Sol. The Plant Varieties Protection Appellate Tribunal is the tribunal where appeals related to the registration of plant varieties under the PPVFRA can be heard.

S13. Ans.(c)

Sol. Vikram Dev Dutt is the current Director General of the DGCA.

S14. Ans.(b)

Sol. Each thermal power plant in Sonbhadra will have a capacity of 800MW.

S15. Ans.(a)

Sol. Gurdeep Singh is the Chairman & Managing Director of NTPC, which is partnering with the Uttar Pradesh government for the execution of the thermal power projects.



