

Total No. of Printed Pages-3]

Roll No. _____

CC(M)
GENERAL STUDIES
(OPTIONAL)
PAPER - III
[03]

Time Allowed - Three Hours

Maximum Marks-250

INSTRUCTIONS

Please read each of the following Instructions carefully before attempting the paper.

- i) *There are Twenty questions. All questions are compulsory.*
- ii) *Answers to Questions No. 1 to 10 should be in 150 words, whereas answers to Questions No. 11 to 20 should be in 250 words.*
- iii) *Keep the word limit indicated in the questions in mind.*
- iv) *If you encounter any typographical error, please read it as it appears in the text book.*
- v) *Candidates are in their own interest advised to go through the general instructions on the back side of the title page of the Answer Script for strict adherence.*
- vi) *No continuation sheets shall be provided to any candidate under any circumstances.*
- vii) *No blank page should be left in between answers to various questions.*

[Technology, Economic Development, Bio-diversity, Environment, Security and Disaster Management]

1. What do you understand by “net neutrality”? Discuss the advantages and disadvantages of regulating net neutrality in India. [150 Words] (10)
2. Explain the causes, consequences and solutions to depreciation of Indian rupee in recent times. [150 Words] (10)
3. Elaborate the role of digitization of Indian Economy through apps like UPI, Bhim, G pay etc in consolidation and growth of Indian economy. [150 Words] (10)
4. India is the fifth largest economy in the World. What are the drivers and way ahead? [150 Words] (10)
5. ‘One Nation One Ration Card’ (ONORC) scheme enables migrant workers and their families to access the Public Distribution System (PDS) and benefits from any fair price shops across the country. Comment [150 Words] (10)
6. The International Monetary Fund (IMF) projects that India would become a US\$ 5 trillion economy by 2026-27. Comment [150 Words] (10)
7. Hydrogen is being considered as the potential renewable source of energy and the use of hydrogen fuel cells is significant in this context. Discuss their merits and demerits. [150 Words] (10)
8. What are green bonds? Discuss the environmental implications of sovereign green bonds in India. [150 Words] (10)
9. What is IRNSS-NavIC? Discuss the role of IRNSS-NavIC programme on the satellite navigation system of India. [150 Words] (10)
10. Discuss the high-altitude environmental hazards with suitable examples and with special reference to Joshimath. What risk reduction measures are required to prevent a disaster like Joshimath? [150 Words] (10)
11. Technology transformations and breakthroughs are poised to bring an entirely new paradigm for cyber security. In the light of the above statement, elaborate the role of technology in cyber security. [250 Words] (15)
12. What is Geospatial Technology? Discuss its significance and applications. What are the challenges in effective use of geospatial information? [250 Words] (15)
13. India leads the world in real-time digital payments. Discuss. [250 Words] (15)
14. *Atma Nirbhar Bharat Abhiyan* will promote self-reliance and self-sufficiency in India. Comment. [250 Words] (15)
15. Critically evaluate ‘Gig Economy’ in the formal and informal sectors in India. [250 Words] (15)

16. Explain how MSMEs (Micro, Small and Medium Enterprises) are major drivers of economic growth in India but much neglected in receiving production-linked incentives. [250 Words] (15)
17. Do you think adopting sustainable agricultural practices in India is more important now than ever? [250 Words] (15)
18. What is net-zero and why is it important? India's net-zero commitments must be backed by credible actions. Discuss. [250 Words] (15)
19. How cloud burst occurs? What are its consequences? Suggest measures for the disaster risk reduction and management due to cloud burst. [250 Words] (15)
20. What are the advantages and disadvantages of electric mobility? Discuss the significance and barriers of the National Mission for Electric Mobility. [250 Words] (15)