

CC(M)
GENERAL STUDIES
(OPTIONAL)
PAPER - III
[05]

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. Describe how the Internet of Things (IoT) is helpful for India's Smart City Mission.
(150 words) (10)
2. Do you agree with the statement that 'the Indian economy is so far insulated from the recessionary trends of many major world economies'? (150 words) (10)
3. Why have the basic objectives of planning remain unfulfilled in India? Suggest measures to achieve these in the coming years? (150 words) (10)
4. Examine the socio-economic infrastructure programmes launched after 2015 to restructure rural economy and combat poverty? (150 words) (10)
5. Do you think that agricultural income in India should be taxed? Give reasons. (150 words) (10)
6. Evaluate the role of commercial banks in disbursing agricultural credit from various institutional sources in India? (150 words) (10)
7. Examine the merits and demerits of prohibiting manufacture, sale and distribution of fixed dose combination (FDC) medicines. (150 words) (10)
8. What are the challenges faced by India in achieving sustainable development goals (SDGs)? Discuss the ways to overcome the barriers in achieving SDGs. (150 words) (10)
9. Write a short note on India's Mars Orbiter Mission (MOM). (150 words) (10)
10. What are the challenges and opportunities of 'space tourism' as envisioned by "Indian Space Research Organisation (ISRO)" (150 words) (10)
11. How is cloud seeding undertaken? Discuss its issues and benefits. (250 words) (15)
12. What do you mean by financial inclusion? How far the Government's initiatives to promote mobilisation of savings and disbursement of credit through the Pradhan Mantri Jan Dhan Yojna have contributed to the growth of Indian economy? (250 words) (15)
13. What policies are required for doubling farmers income in India? Discuss the major agricultural reforms to increase agricultural productivity? (250 words) (15)
14. What is fiscal spending? Suggest suitable measures to contain fiscal deficit, which has become a serious cause of concern for the government. (250 words) (15)
15. "Inclusive growth strategy can address several challenges to Indian economy." Critically analyse. (250 words) (15)

16. Find out the major differences between the recommendations of 15th and 14th Finance Commission. (250 words) (15)
 17. What are the advantages and disadvantages of quantum technology? Discuss India's quantum technology initiatives? (250 words) (15)
 18. What do you understand by "green credit"? Discuss the objectives, advantages and concerns of India's green credit programme. (250 words) (15)
 19. Discuss the potential benefits and challenges of Generative Artificial Intelligence (AI) for India's development and security. Suggest measures India should take to harness the opportunities and mitigate the risks of generative AI. (250 words) (15)
 20. Explain the term "e-waste" with suitable examples? Discuss its impacts on human health and environment. What measures the Indian government has taken to tackle e-waste problem in the country? (250 words) (15)
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