Answer all the following questions. Each question is to be answered in not more than 200 words. Each question carries equal marks.

1. **भारतीय अर्थव्यবस्था में वैश्वीकरण के परिणामस्वरूप औपचारिक क्षेत्र में रोजगार कैसे कम हुआ? क्या बहुत हुई अनैतिकता देश के विकास के लिए हानिकारक है?**

How globalization has led to the reduction of employment in the formal sector of the Indian economy? Is increased informalization detrimental to the development of the country? 12½

2. **भारत में महिला सशक्तिकरण के लिए जिंदर बजरिंग अनिवार्य है। भारतीय प्रशस्ति में जिंदर बजरिंग की क्या आवश्यकताएं एवं स्थिति हैं?**

Women empowerment in India needs gender budgeting. What are the requirements and status of gender budgeting in the Indian context? 12½

3. **प्रधान मंत्री जन-धन योजना (पी-एम जी-डी) बैंकहोटों को संस्थानात्मक वित्त में लाने के लिए आवश्यक है। क्या आप सहमत हैं कि इससे भारतीय समाज के गरीब तकरे के लोगों का वित्तीय समावेश होगा? अपने मत की पुष्टि के लिए तर्क प्रस्तुत कीजिए।**

Pradhan Mantri Jan-Dhan Yojana (PMJDY) is necessary for bringing unbanked to the institutional finance fold. Do you agree with this for financial inclusion of the poorer section of the Indian society? Give arguments to justify your opinion. 12½

4. **'स्मार्ट शहरों' से क्या तार्किक है? भारत के शहरी विकास में इसकी प्राप्ति/प्रक्रिया का परीक्षण कीजिए। क्या इससे ग्रामीण तथा शहरी भेदभाव का कम होगी? पी-एम आरवी एवं एम बीए यू-एम आरवी एवं बीए बीए एम-एन भिन्न के संदर्भ में 'स्मार्ट गाँवों' के लिए तर्क प्रस्तुत कीजिए।**

What are ‘Smart Cities’? Examine their relevance for urban development in India. Will it increase rural-urban differences? Give arguments for ‘Smart Villages’ in the light of PURA and RURBAN Mission. 12½

5. **भारतीय अर्थव्यवस्था के विकास में एफ० डी० आरद० की आवश्यकता की पुष्टि कीजिए। इस्तेमाल समझौता-जापनों तथा वास्तविक एफ० डी० आरद० के बीच अन्तर कैसा है? भारत में वास्तविक एफ० डी० आरद० को बढ़ाने के लिए सुधारात्मक कदम सुझाएं।**

Justify the need for FDI for the development of the Indian economy. Why there is gap between MOUs signed and actual FDIs? Suggest remedial steps to be taken for increasing actual FDIs in India. 12½

6. **भारतीय संस्थान में समावेशी विकास में महिला चुनौतियों, जिनमें लापरवाह और बेकार जनरल शामिल है, पर टिप्पणी कीजिए।**

Comment on the challenges for inclusive growth which include careless and useless manpower in the Indian context. Suggest measures to be taken for facing these challenges. 12½
7. What is water-use efficiency? Describe the role of micro-irrigation in increasing the water-use efficiency.

8. What is allelopathy? Discuss its role in major cropping systems of irrigated agriculture.

9. Discuss the role of land reforms in agricultural development. Identify the factors that were responsible for the success of land reforms in India.

10. Given the vulnerability of Indian agriculture to vagaries of nature, discuss the need for crop insurance and bring out the salient features of the Pradhan Mantri Fasal Bima Yojana (PMFBY).

11. Give an account of the current status and the targets to be achieved pertaining to renewable energy sources in the country. Discuss in brief the importance of National Programme on Light Emitting Diodes (LEDs).

12. Discuss India's achievements in the field of Space Science and Technology. How the application of this technology has helped India in its socio-economic development?

13. Why is nanotechnology one of the key technologies of the 21st century? Describe the salient features of Indian Government's Mission on Nanoscience and Technology and the scope of its application in the development process of the country.

14. Rehabilitation of human settlements is one of the important environmental impacts which always attracts controversy while planning major projects. Discuss the measures suggested for mitigation of this impact while proposing major developmental projects.
15. The frequency of urban floods due to high intensity rainfall is increasing over the years. Discussing the reasons for urban floods, highlight the mechanisms for preparedness to reduce the risk during such events.

16. With reference to National Disaster Management Authority (NDMA) guidelines, discuss the measures to be adopted to mitigate the impact of the recent incidents of cloudbursts in many places of Uttarakhand.

17. The terms ‘Hot Pursuit’ and ‘Surgical Strikes’ are often used in connection with armed action against terrorist attacks. Discuss the strategic impact of such actions.

18. Terrorism is emerging as a competitive industry over the last few decades. Analyze the above statement.

19. Border management is a complex task due to difficult terrain and hostile relations with some countries. Elucidate the challenges and strategies for effective border management.

20. Use of Internet and social media by non-state actors for subversive activities is a major security concern. How have these been misused in the recent past? Suggest effective guidelines to curb the above threat.