(iii) What are Genetically Modified (GM) foods? How are they regulated in India? In context of the present controversy, do you think GM food needs to be encouraged in fulfilling domestic needs?

15. Attempt any two of the following (about 50 words): 2×5=10
   (i) Internet Protocol Television (IPTV)
   (ii) Emission trading
   (iii) Traditional Knowledge Digital Library.

16. Answer any two of the following (in about 100 words): 2×15=30
   (i) Stealth Technology
   (ii) Biodiversity Informatics Vs Bioinformatics
   (iii) Describe the salient features of 'GAGAN'. How does it improve upon the present 'GPS'?
(x) Candidates shall put a cross (X) on blank pages of Answer Script.

(xi) No blank page be left in between answer to various questions.

**SECTION–A**

Note :- Attempt any **four** (about 250 words each) : 4×25=100

1. What is meant by right to equality before law, as provided in the Constitution and what are its exceptions ? Explain.

2. What are fundamental duties ? What are the provisions for their enforcement ? Explain.

3. Write a note on the President's power to issue ordinance. How long is such ordinance effective ?

4. What is contingency fund and what is its purpose ? Explain.

5. How is the question of disqualification of a member of Parliament decided ?


7. Write a comprehensive note on 'Judicial Activism'.

8. What are the conditions under which democracies accommodate social diversities ? Explain with reference to India.

9. 'Political parties provide a link between the people and the government.' Explain.

10. Explain how the activities of civil society are useful in the functioning of a democratic government.

**SECTION–B**

11. Attempt any **two** parts of the following (about 150 words each) : 2×20=40

   (i) What is Repo rate and Reverse Repo rate ? How rise and fall in these variables affect liquidity position in the country ?

   (ii) What factors need to be ensured for another Green revolution, which would be more inclusive and sustainable ?

   (iii) 'FDI should be open to Indian retail sector.' What would be its implications ? Comment.

   (iv) 'Inflation has been a major and persistent cause of poverty and inequality in India.' Analyze.

12. Attempt any **two** in about 150 words each : 2×20=40

   (i) What are the geo-economic causes of under development of various regions in India ?

   (ii) What is dry land agriculture ? Discuss its importance in India.

   (iii) Comment on the detrimental effects of Canal irrigation.

   (iv) Which parts of India have been identified as draught-prone ? What are the criteria's of such identification ?

13. Answer any **two** of the following (about 150 words each) : 2×20=40

   (i) Write a note on the contribution of tourism to improve and strengthen the economy of J & K.

   (ii) 'Soil of J & K is a rich source to boost its economy.' Comment.

   (iii) 'J & K is a bag full of hills and valleys all around.' Comment.

   (iv) "J & K is fondly called as Switzerland of Asia." Do you agree with the statement ? Illustrate your answer.

14. Answer any **two** (about 150 words) : 2×20=40

   (i) What are the lessons to be learnt from the Fukushima nuclear accident ? What has to be done to prevent such kind of accidents in India ?

   (ii) Give an account of the carbon projects in India, registered under CDM (Clean Development Mechanism). Discuss the prospects of carbon trading in India.