1. Answer anyone of the following (in about 250 words):   30

a) Regardless of distance in time, there were lots of similarities between Lord Curzon and Jawahar Lal Nehru. Discuss.
b) How did the Government of India Act, 1935 mark a point of no return in the history of constitutional development in India?

2. Answer any two of the following (in about 150 words each): 2x15=30

a) What was the attitude of Indian industrialists towards the Indian National Congress in the pre- independent era?
b) Critically assess Sir Tej Bahadur Sapru's views on Indian Nationalism.
c) Characterise the main features of Indian Renaissance.

3. Write about the following (not exceeding 20 words each):
        15x2=30

   a)   Kalhana
   b)   Panini
   c)   Yakshagana
   d)   Natyasastra
   e)   Tabaqat-i-Nasiri
   t)   Madhura Vijayam
   g)   Pandurang Mahatmya
   h)   Prithviraj Raso
   q)   "The Insider"
   J)   Ali Sardar J afri
   k)   Aruna Roy
   l)   Dr. J.C. Daniel
   m)   Balwant Gargi
   n)   Dr. JayantNarlikar
   0)   Shashi Tharoor

4. Answer any two of the following (in about 125 words each):
                                2x1O=20

a) Bring out the prospects of development of alternative energy sources of India.
b) Blue Revolution has definite advantages in India but it is not free from environmental impacts. Discuss.
c) Why do the rivers of west coast not form a delta?

5. Write notes on the following (in about 20 words each): 5x2=10

a) Mixed economy
b) Winter rains in India
c) New Moore Island
d) National Water Grid
e) Hussain Sagar

6. Answer anyone of the following (in about 250 words): 30

a) What is right to life and personal liberty?
How have the courts expanded its meaning in recent years?
b) On what grounds can a member be disqualified from either House of Parliament?

7. Answer anyone of the following (in about 250 words): 30

a) What is the 'strategic partnership' between India and United States of America? What are its implications for both the partners?
b) Discuss economic backwardness as a major challenge of Indian democracy. Can democracy and development go together smoothly?

8. Answer any two of the following questions (in about 150 words each):   2x 15=30

a) How would you differentiate between the passage of a Constitution Amendment Bill and of an Ordinary Legislative Bill?
b) How does the Inter-State Council establish co-ordination between States?
c) Is the High Court's power to issue 'writs' wider than that of the Supreme Court of India?

9. Answer the following questions(in about 20 words each):5 x2= 1 0

a) Explain the following terms:
b) i) Dissolution of the House
    ii) Prorogation of the House
    iii)Adjournment of the business of the House
b) What is Consolidated Fund of India?
c) To what extent can the President withhold his assent to a Bill already passed by the Parliament?
d) What is India's 'Look East' Policy?
e) What is meant by 'empowerment of women' in India?

10. Answer anyone of the following questions (in about 250 words):   30

a) What are the social and economic consequences of abolishing child labor in India?
b) Explain the implications of the implementation of intellectual Property Clauses in our patent law regime after joining the WTO.

11. Answer any two of the following questions (in about 125 words each): 2 x I 0=20

   a)   Explain full convertibility of Indian Rupee.
   b)   What are the linkages to be developed under the Knowledge Revolution for Rural India Plan?
   c)   What do we understand by 'Doha Round' oft talks?

12. Answer any two of the following questions (in about 125 words each): 2x 10=20

   a)   Explain the social constraints in bringing about gender equality in Indian society.
   a)   What are the problems related to the rehabilitation of the mentally challenged persons in India?
   a)   Bring out the issues involved in implementing compulsory primary education in India.

13. Write about the following (in about20 words each):
        5x2=10

   a)   Business Process Outsourcing
   b)   Female foeticide
   c)   RCI
   d)   UNIDO
   e)   S. Chandrasekhar

1.Write about any two of the following (in about 150 words each): 15 x2=30

a) US policy on Iran's nuclear programme
b)Terrorism: Sources in Pakistan and Afghanistan
c) Crippling the King in Nepal

2. Write about the following (in about 20 words each): 2x5=10

a) Simla Agreement
b) India-Israel cooperation in the field of agriculture
c) Pakistan's role in Sri Lanka
d) Indo U S military cooperation
e) Nuclear Non-proliferation Treaty

3. Write about the following (in about 20 words each): 2x5=10

a) Contribution of the NRIs to GCC countries
b) Future of Indians in Fiji
c) Indians in the House of Lords, UK
d) Contribution of Indians in Silicon Valley
e) Exodus of persons of Indian origin from Uganda

4. Answer anyone of the following (in about 250 words): 30

a) Discuss the importance of World Trade Organisation (WTO) to Indian economy in the light of various opportunities and challenges at the global level.

a) Describe the main sources of industrial finance in India. How could India be benefited from recent developments in international finance?

5. Answer any two of the following (in about 150 words each): 15x2=30

a) Discuss the role of public sector during the post-reform period of Indian economy.
b) Examine the effects of globalization on poverty removal in India.
c) What are the implications of gender disparities in India?

6. Answer the following (in about 20 words each): 2x15=30

a) What is Phillips curve?
b) What is Hundi?
c) What is twin deficit?
d) What is the main difference between free trade area and common market?
e) What is forward currency market?
f) What is offshore currency market?
g) What is Laffer curve?
h) What are Eurobonds?
o What is disguised unemployment?
J) What are nifty and the nifty junior?
k) What is Agri-Trade?
l) What is CEMA bloc?
m) What is rolling settlement?
n) What is the difference between Green Box subsidies and Blue box subsidies?
0) What are non-factor services in India's balance of payments?

7. Write about any two of the following (in ,about 150 words each): 15x2=30
a) G-8 Summit in Russia
b) Expanding role of Amnesty International
c) Role of European Parliament

8. Write about the following (in about 20 words each): . 2x5=10

a)Trade through Nathu La Pass
b) Outer Space Treaty
c) Withdrawal of Japanese Troops from Iraq
d) Maastricht Treaty
e) Cuba and Castro

9. Write about the following, by expanding and explaining the objectives (in about 20 words each): 2x5=10

a) ICJ   b)INTELSAT
c) IBRD   d) WMO
e) WHO

10. Answer anyone of the following (in about '250 words): 30

a) Justify with necessary logic "Biological clean-up methods can be cheaper than the conventional physical and chemical pollution treatments".
a) Explain how Nanoscience and Nanotechnology have revolutionized modem technology.

11. Answer any two of the following (in about 150 words each): 15 x2=30

a) What do you understand by optical computing? Why is optical computing envisaged to have much better performance than that of electronic computing?
b) Write a note on'Bio-refinery versus Fossil fuels'.
c) What are normal osmosis and reverse osmosis? Why has reverse osmosis become popular in India today?

12. Answer all the five (in about 20 words each): 2x5=10

a) What do you understand by a 'search engine' in computing?
b) Expand the following:
      i) CAD   ii) CAM iii) CIM
c) Explain what is Thin Film Memory in computers.
d) Write a short note on 'Artificial Intelligence'.
e) Who are called 'Hackers' in computer world?

13. (a) In an opinion survey regarding a proposed civil measure to be introduced, altogether 2878 persons took part of which 1652 were males. 1226 persons voted against the proposal of which 796 were males. 1425 persons voted for the proposed measure. 156 females were undecided in their opinion.

i) Put the above information in a neat statistical table.
From the table, calculate-

ii) The percentage of males among those voting for the proposal;
iii) The percentage of those voting for the proposal among the males.   8
(b) Present the following information using a suitable diagram: 8

Percentage of literates (2001 Census)

State	Male	Female	overall
Kerala	94.20	87.86	90.72
Maharashtra	86.27	67.51	77.27
Tamil Nadu	82.33	64.55	73.47
West Bengal	77.58	60.22	69.22

14. (a) From the following frequency distribution of 260 housewives of a locality according to their TV watching habit-

2x4=8

i) Draw the graph of cumulative frequencies of less than type:

Hours per week	Number of housewives watchin TV
5 ~9	13
10-14	39
15-19	60
20-24	75
25-29	42
30-34	n
35-39	4
Total	260

Estimate using the above graph

(ii) The median of the distribution;
(iii) Number of housewives spending at most 18 hours per week watching TV.

(b) The following table shows the average percentage of family expenditure, as also percentage increase in price in 2005 compared to 2000, for the major heads of expenditure for the urban middle class families in a state in India. Calculate the percentage increase in cost of living for this segment of population in 2005 compared to 2000:

Head of Expenditure	% of family Expenditure	% increase in price in 2005 Compared to 2000
Food	25	32
Clothing	18	25
Fuel	16	30
House Rent	15	20
Miscellaneous	26	45
Total	100	-

15. Answer all the questions: 2x4=8

(a) A union leader complained that the owners of this factory have adopted a policy of gradually decreasing the wages of its workers is amply evident from the fact that the average monthly wage of the workers has dropped down to Rs 2,530 in January, 2006 from Rs 2,570 in January, 2005. Comment on the validity of the argument.

(b) As high as 45% of the under-5 children, brought to the outdoor clinics of 4 major State-run hospitals in Kolkata last year, were found to be victims of malnutrition. Incidence of malnutrition among the under-5 children in the city must, therefore, be alarmingly high. Explain why you support the argument, or disagree with it.

(c) In a community support project, the average grants (in Rs) received by the male and the female beneficiaries were 5,200 and 5,800 respectively, while the average grant received by all the beneficiaries was 5,560. What percentage of beneficiaries were females?

(d) The amounts of rainfall (in mm) in a town on 10 consecutive days are as follows: 8.5,0,6.8,3.2,4.8, 10.5,76.2,9.4,0, 1.2

Use a suitable measure to throw light on the central tendency of the data.

Physics   Mathematics   Economics
History   Political Science   Commerce
Chemistry   Zoology   Hindi
Botany   Geology   Anthropology