

IAS Mains General Studies 2006

Paper-II

1. Write about any two of the following (in about 150 words each): $15 \times 2 = 30$
 - 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): $2 \times 5 = 10$
 - 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): $2 \times 5 = 10$
 - 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.
 - b. 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): $15 \times 2 = 30$
 - 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): $2 \times 15 = 30$
 - 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?
- i. 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?
- o. What are non-factor services in India's balance of payments?

7. Write about any two of the following (in, about 150 words each): $15 \times 2 = 30$

- 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): $2 \times 5 = 10$

- 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): $2 \times 5 = 10$

- a. ICJ
- b. INTELSAT
- c. IBRD
- d. WMO
- e. WHO

10. Answer anyone of the following (in about 100 words): 30

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

11. Answer any two of the following (in about 150 words each): $15 \times 2 = 30$

- What do you understand by optical computing? Why is optical computing envisaged to have much better performance than that of electronic computing?
- Write a note on 'Bio-refinery versus Fossil fuels'
- 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): $2 \times 5 = 10$

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

13. 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.

- Put the above information in a neat statistical table.
- From the table, calculate the percentage of males among those voting for the proposal
- The percentage of those voting for the proposal among the males. 8

14. Present the following information using a suitable diagram: 8 Percentage of literates (2001 Census)

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

15. From the following frequency distribution of 260 housewives of a locality according to their TV watching habit $2 \times 4 = 8$

- Draw the graph of cumulative frequencies of less than type:

Hours per week	Number of housewives watching TV
Hours = 5 – 9	Housewives = 13
Hours = 10 – 14	Housewives = 39
Hours = 15 – 19	Housewives = 60
Hours = 20 – 24	Housewives = 75
Hours = 25 – 29	Housewives = 42
Hours = 30 – 34	Housewives = 23
Hours = 35 – 39	Housewives = 4
Total	Housewives = 260

Estimate using the above graph

b. The median of the distribution

c. Number of housewives spending at most 18 hours per week watching TV.

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

17. Answer all the questions: $2 \times 4 = 8$

- 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.