

# IAS Mains General Studies 2001

## Paper II

1. Answer any Two of the following (Answer to each question should be in about 150 words): (15 × 2 = 30)
  - a. Discuss the global response to President George Bush's 'National Missile Defence Plan' (NMD).
  - b. What were the major recommendations of the 'group of ministers' on Indian National Security System?
  - c. Examine the latest phase of Indo-Iran relations.
  
2. Answer the following (Answer to each question should be in about 20 words): (2 × 5 = 10)
  - a. What is India's Look East Policy?
  - b. What do you understand by 'G15'?
  - c. Explain the problem of infiltration in eastern parts of India.
  - d. Why does India object to Kashmir being treated as a disputed territory?
  - e. What is the significance of Pyrdiwah and Boraibari in Indo-Bangladesh relations?
  
3. Answer the following (Answer to each question should be in about 20 words): (2 × 5 = 10)
  - a. In what fields have NRI's excelled in the developed countries?
  - b. In which specialties Indians are most wanted abroad?
  - c. What efforts are being made by Indian Government to take care of NRI's?
  - d. What is the contribution of the NRI's to India's development?
  - e. Why do NRI's retain their emotional attachment to India?
  
4. Answer any One of the following (Answer should be in about 250 words):
  - a. What is the incidence of poverty in India? How should poverty alleviation programmes be constructed (30).
  - b. Indian economy presents a paradox of high saving rate with low-income and high saving rate with low growth rate. Analyse (30).
  
5. Answer any TWO of the following (Answer to each question should be in about 150 words): (15 × 2 = 30)
  - a. Liberalization of the Indian economy since 1991 has led to excessive consumerism and overproduction of white goods. Elucidate.
  - b. What are the hurdles faced by the Finance Ministers of India in keeping the fiscal deficit below 3 – 4 percent of the GDP? Suggest steps to lower the fiscal deficit.
  - c. Discuss the nature and causes of the UTI crisis with particular reference to US-64. How does this UTI fiasco affect the investment climate in India?
  
6. Answer the following (Answer to each question should be in about 20 words): (2 × 15 = 30)

- a. What is 'CRISIL' What does it do?
- b. What do you understand by Current Account Convertibility of Rupee?
- c. What do you mean by providing industry status to agriculture in India?
- d. Elucidate Operation Flood.
- e. Expand the term nasdaq.
- f. Differentiate between galloping inflation and run-away inflation.
- g. What is meant by couple protection ratio?
- h. Distinguish between human development index and gender-related development index.
- i. What is green GNP?
- j. Distinguish between a hard currency and a soft currency.
- k. Explain rolling plan.
- l. Illustrate Lorenz curve.
- m. What is meant by trickle-down theory of development.
- n. What is misery index?
- o. What is meant by Most Favoured Nation policy?

7. Answer any TWO of the following (Answer to each question should be in about 150 words) (15 × 2 = 30)

- a. Discuss the significance of Why is USA not signing it?
- b. Evaluate the performance of Summit meeting of the Arab League held in March 2001?
- c. Outline the salient features of India's nuclear policy and explain the reasons for India's refusal to sign the CTBT

8. Answer the following (Answer to each question should be in about 20 words): (2 × 5 = 10)

- a. What do the following stand for?
  - i. KLA
  - ii. UNUP
- b. Why has Slobodan Milosevic been in news in the recent past?
- c. Who is Gao Zhan?
- d. Who is Meghawati Sukamoputri?
- e. Which is the latest right confirmed by the 57th session of the United Nations?

9. Answer the following (Answer to each question should be in about 20 words): (2 × 5 = 10)

- a. What is GCC?
- b. Why was Macau in the news recently?
- c. What is G8?

d. What is European Union?

e. Explain the position of US vis a vis the League of Nations.

10. Answer any ONE of the following (Answer should be in about 250 words)

a. What is a cryogenic engine? Discuss its significance in India's space programme (30).

b. What are stem cells? Why have they been in the news recently? Discuss. 30

11. Answer any TWO of the following to each question (should be in about 150 words): (15 × 2 = 30)

a. What is fibre optics? What advantages does it offer in telecommunications? Elaborate.

b. What is vermicomposting? Discuss its importance in the Indian context.

c. What does the Montreal Protocol deal with? Discuss its role in protecting Earth's environment.

12. Answer the following (Answer to each question should be in about 20 words): (2 × 5 = 10)

a. What is handshake in computer language?

b. What is ethernet and what is it used for?

c. What is digital signature and what is it used for?

d. What do the following stand for?

i. DRAM

ii. JPEG

iii. ASCII

iv. IMAP

e. What is a WAP-enabled phone?

13. Answer the following:

a. A sample survey based on 280 postgraduate students was undertaken to study student attitude towards a proposed change in the dormitory regulations. Each student was to respond as yes or 'no' or 'indifferent' in regard to the issue. The results are tabulated below:

Response	Percentage of students
Yes	Percent 54%
No	Percent 28%
Indifferent	Percent 18%

Use a pie chart to represent the above information, and obtain the number of students saying 'no' to the proposed change (6 + 2 = 8).

b. Represent the following data by percentage subdivided bar diagrams:

Items of Expenditure	Expenditure (Rs. )	Family X	Family Y
Food		Expense 200	Expense 300
Clothing		Expense 48	Expense 75
Education		Expense 32	Expense 40
House Rent		Expense 40	Expense 75
Miscellaneous		Expense 80	Expense 110
Total		Expense 400	Expense 600

14. Answer the following: ( $4 + 2 + 2 = 8$ )

a. Representing the following data by suitable graphs, determine there form the number of children having I. Q.

i. Below 105

ii. Above 124

IQ	Number of Children
Range 75 – 84	Children = 8
Range 85 – 94	Children = 20
Range 90 – 104	Children = 45
Range 105 – 114	Children = 54
Range 115 – 124	Children = 28
Range 125 – 134	Children = 16
Range 135 – 144	Children = 7
Range 145 – 154	Children = 3

b. The following tables shows certain data collection for the three regions of a country:

Region	No. Of inhabitants (millions)	Percent of literates	Average annual income per person (Rs. )
Region A	Inhabitants 10	Percent 52	Rs. 8000
Region B	Inhabitants 5	Percent 68	Rs. 5800
Region C	Inhabitants 20	Percent 41	Rs. 7500

Obtain the overall figures for the three regions taken together ( $4 \times 2 = 8$ ).

15. Answer the following: ( $2 \times 4 = 8$ )

- A man goes by car from town 'A' to town 'e' A large part of the distance is uphill and he gets a mileage of 10 krns per litre of fuel. On his way back, he makes 15 kms, per litre of fuel. The distance between the two towns is 60 kms. What is the average mileage per litre of fuel?
- In a school, there are 15 teachers. One of them drawing a monthly salary of Rs. 7, 800 retires and a fresh appointment is made for a monthly salary of Rs. 6, 300. By what amount is the average monthly salary of teachers changed?
- The geometric rate of growth of sales for a company for the first three years was 25% and for the next three years was 40%. Is the claim of average growth being 65% valid? Give analytic reason in support of your answer.
- A trains runs non-stop from New Delhi to Kanpur at a speed of 75 kmph and returns the same way at a speed of 60 kmph. Can you conclude that the average speed for the up and down journey is 67.5 kmph? Justify your answer analytically.