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GENERAL STUDIES

382

PAPER—II

Time Allowed : Three hours *Maximum Marks* : 300

The figures in the margin indicate full marks for the questions

1. Within about *100* words each, write on the following : 10×4=40

(a) Role of technology in the promotion of democracy

(b) Essential features of the Indo-US nuclear treaty

(c) Information and Communication Technology (ICT) for rural development

(d) Five-Year Planning and India's march towards a developed country

2. Explain any *two* of the following statements with your reasoning within *100* words each : 10×2=20

(a) If China can do it; India also can convert its huge population into a resource rather than burden.

(b) Nuclear capability is a must to maintain regional balance and internal security for a country like India.

(c) Many Indian and multi-national companies are running into the villages, because this massive rural market can only save the economy of our country.

3. Answer the following in about *25* words each : 4×5=20

(a) What do you mean by the word 'generation' in computers?

(b) What is CPU? How does it help the machine?

(c) Who is Steve Jobs? Write about his unique contribution to communication technology.

(d) What is 'binary system' of numbers? Explain with respect to the basic operations of a computer.

(e) How do you take care of computer virus? What is exactly a virus?

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4. Answer each question within *50* words : 5×4=20

(a) Indian remote sensing satellites are helping the farmers to a large extent. How?

(b) How do you think ISRO (Indian Space Research Organization) is performing compared to the other similar agencies of the developed countries?

(c) What changes have you noticed in the attitude of the USA towards India after the election of Barak Obama as the President?

(d) Do you think that 'terrorism' is coming down at a global level? Give a few examples.

5. Write an essay on any *one* of the following (maximum *250* words) : 30

(a) Relevancy and necessity of UN peace-keeping forces in disturbed or war-affected countries

(b) Role of World Bank in developing the less developed nations of the world

6. Write short notes on any *four* (maximum 30 words each) : 5×4=20

(a) GATT

(b) UNESCO

(c) IMF

(d) NATO

(e) UNICEF

7. Explain the statements given below (maximum *150* words for each) : 20×3=60

(a) Agriculture is the backbone of Indian economy that cannot be ignored in any way.

(b) The most talented, brilliant people of India reside abroad, which is not a positive sign for our development.

(c) Due to hostile neighbours across the borders, our country has not been able to develop in almost seven decades after Independence.

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8. *(a)* Define mean, median and mode for any statistical data and distribution. You may assume any set of data to show the examples. 10

(b) Construct a cumulative distribution table from the following frequency distribution and find the number of teachers earning less than Rs 25,000 per month : 10

Monthly salary (in '000 Rs)	:	18–20	20–22	22–24	24–26	26–28	28–30
No. of teachers	:	15	41	73	37	21	13

(c) The following are the ages of 30 people who brought books of fiction from Bookland in the last week :

37	31	26	37	40	18	14	45	32	68
42	30	20	32	15	27	46	44	62	58
22	29	22	26	44	41	34	55	50	63

(i) What conclusions can you draw about the bookstore from this set of data? 5

(ii) Construct a six-category closed classification. From this can you conclude something more about Bookland? 5

9. Write on the following within *100* words each : 10×2=20

(a) Recent developments in modern surgery of tumours and excess growths

(b) Developments in pathological and analytical medical tests and procedures

10. Write an essay on any *one* of the following topics (*300* words limit) : 40

(a) India's foreign policy and non-alignment

(b) Business Process Outsourcing (BPO) and the developing countries

(c) Most important political events of the year 2011

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