

CSM – 5/19
Compulsory Paper – V
General Studies – II

Time : 3 hours

Full Marks : 300

The figures in the right-hand margin indicate marks.

Answer all questions.

1. Answer any **two** of the following : $10 \times 2 = 20$
 - (a) Analyse India's current relations with China.
 - (b) Critically explain the strengths and shortcomings of SAARC.
 - (c) Discuss the Syrian Crisis.
2. Write an essay on India's Policy on Maritime Security. 10
3. Critically evaluate India's No First Use Nuclear Policy. 10

4. Discuss the role of Indian Diaspora in the context of Foreign Policy. 10

5. Answer any three of the following : $10 \times 3 = 30$

(a) 'Five-Year Plans in India have failed to achieve a considerable rise in the standard of living of the people, in general and to provide a more egalitarian society, in particular.' Elucidate.

(b) 'Economic development of India is impracticable without development of its rural sector.' Explain.

(c) Discuss briefly the barriers to economic development of India. How can these barriers be overcome ?

(d) What are the major objectives of the New Economic Policy of the Government of India 1991 ? How far has the Policy been successful in achieving these objectives ?

- (e) Why are the Micro, Small and Medium Enterprises (MSMEs) considered growth engine for new India ? Discuss the rationale of financial incentives given to MSMEs for their revival.

6. Answer any **three** questions of the following :

10×3 = 30

- (a) Discuss the major trade issues of India with U. S. A. How can the issues be addressed ?
- (b) State the salient features of the Foreign Trade Policy of the Government of India (2015-20). Explain the strategies delineated in the policy to boost exports of India.
- (c) Explain how India has benefited from the financial assistance from International Monetary Fund (IMF).

- (d) 'With GATT being replaced by WTO, India feels that a multilateral agreement would be a serious impingement on the sovereign rights of countries.' Examine the statement.
- (e) Explain how India would benefit from a simultaneous slashing of repo rate and reverse repo rate by the Reserve Bank of India on 22nd May, 2020.
7. Answer any **two** of the following : $15 \times 2 = 30$
- (a) Discuss the growth performance of the Odisha economy since 1991. Comment on the sectoral growth rates.
- (b) Define 'sustainable industrial development'. How can it be achieved for Odisha?
- (c) 'Regional disparity in Odisha is a challenge to achieving overall development of the State.' Elucidate.

8. Answer any **two** of the following : $10 \times 2 = 20$

- (a) Arab Spring
- (b) Iran Nuclear Deal
- (c) Rohingyas Refugees

9. Answer any **two** of the following : $10 \times 2 = 20$

- (a) UNSC Reforms
- (b) EU
- (c) WHO

10. (a) Answer the following questions : $6 \times 5 = 30$

- (i) What is nanotechnology ? List some of its potential applications.
- (ii) How are human activities contributing to the acceleration of the Sixth Mass Extinction ?
- (iii) What do you understand by additive manufacturing (3D-printing) ? What are some of its applications ?

(iv) What are Zoonotic diseases ?
Write a short note on any one such disease.

(v) What is e-Waste ? How can the problem be addressed ?

(b) Answer the following questions : $6 \times 5 = 30$

(i) What are the objectives of the recently set up New Space India Limited ?

(ii) Write a short note on Event Horizon Telescope.

(iii) What is GPS ? Explain its functioning.

(iv) Discuss the use of space communication technology in disaster management.

(v) What do the following stand for ?

(1) VoLTE

(2) GSM

(3) OTT services

(c) Answer the following questions : $6 \times 5 = 30$

(i) Convert :

(1) binary number 10.01 into decimal number

(2) decimal number 137 into binary number

(ii) Write a short note on Internet of Things.

(iii) Write a short note on Operating System.

(iv) What is Secondary Memory of a computer ? Give examples.

(v) What do you understand by Qubit ? How is it different from Classical Bit ?

11. (a) The following figures represent the number of books issued at the counter of a commerce college library on 12 different days : 3

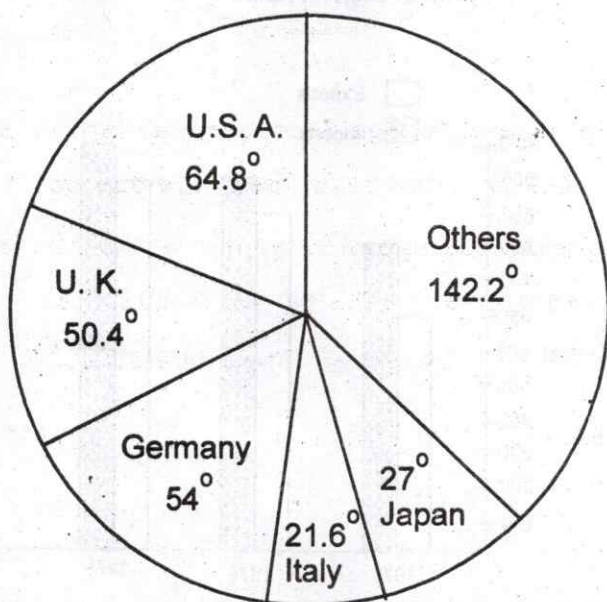
96, 180, 98, 75, 270, 80, 102, 100, 94, 75, 200, 610

Calculate the median for this data.

- (b) The mean marks of 100 students were found to be 40. Later on it was discovered that a score of 53 was misread as 83. Find the correct mean corresponding to the correct score. 3
12. (a) The mean age of a combined groups of men and women is 30 years. If the mean age of the group of men is 32 and that of the group of women is 27, find out the percentage of the men and women in the group. 3
- (b) A person walks 8 km at 4 km per hour, 6 km at 3 km per hour and 4 km at 2 km per hour. Find his average speed per hour. 3
13. The following pie-chart shows the distribution on the number of foreign collaborations approved

with various countries. Study the pie-chart and answer the questions based on it :

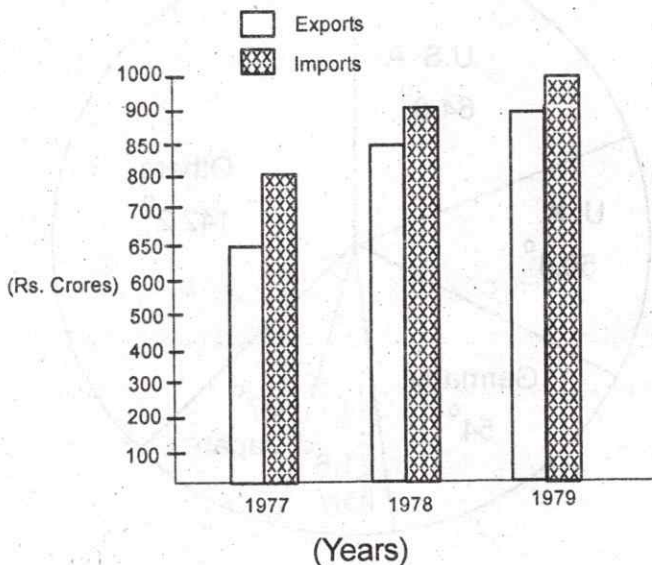
Distribution of Foreign Collaborations



- (a) What is the percentage of total foreign collaborations approved with U. S. A. ? 3
- (b) If the total number of foreign collaborations is 1,200, then what is the number of collaborations with Germany ? 3

14. The multiple bar diagrams given below shows the Indian exports and imports (Rs. Crores) over the years 1977 to 1979. Study it carefully and answer the questions :

Foreign Trade



- (a) What is the difference between the average exports and imports during the period 1977-1979 ? 3
- (b) What percentage of the total imports is the total exports for the period 1977-1979 ? 3

15. (a) A university has to select an examiner from a list of 50 persons out of which 20 are women, 10 of them knowing Hindi and 15 of them are teachers. What is the probability of the university selecting a Hindi-knowing women teacher ? 3
- (b) 'A' speaks truth in 60% cases and 'B' in 70% cases. In what percentage of cases are they likely to contradict each other in stating the same fact ? 3



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