

<b>4 – CS/11</b>
<b>General Studies</b>
<b>Paper – II</b>

*Time : 3 hours*

*Full Marks : 300*

*The figures in the right-hand margin indicate marks.*

*Answer all questions.*

1. Write about the following in **150** words each :

(a) Emergence of Global terrorism and counter terrorism measures taken by India and USA jointly. 5+10 = 15

(b) India's Look East Policy and its impact on the Indian economy. 5+10 = 15

2. Write about the following in **20** words each :

2×5 = 10

(a) Claim of India to be a permanent member in the Security Council.

(b) India's economic engagement in Africa.

(c) Indian Peace Keeping Force (IPKF) in Sri Lanka.

(d) India's emission cut proposals to United Nations Framework Convention on Climate Change (UNFCCC) in 2010.

(e) Kargil War

3. Write about the following in **20 words each** :

**2×5 = 10**

(a) India and Disarmament

(b) Reforming UN

(c) Indo-Bangladesh Treaty of Friendship, 1972

(d) Kudankulam Nuclear Power Project

(e) Impact of Gorbachev's Reforms

4. Answer any **one** of the following in about **250 words** : **20**

(a) Give the brief review of development of Indian Economy after Economic Reforms.

- (b) Examine the role of Foreign capital and Foreign aid in the economic development of India.

5. Answer any **two** of the following in about **250** words each :  $10 \times 2 = 20$

- (a) Explain the measurement of Economic Development.
- (b) Examine the role of RBI in recession.
- (c) Explain the Indian Agriculture and the WTO : Developmental Agenda and Challenges.

6. Answer the following in about **20** words each :

$2 \times 10 = 20$

- (a) What is CRR ?
- (b) Write two objectives of 12th Five Year Plan.
- (c) What is IBRD ?
- (d) Write the two functions of IMF.
- (e) What is Balance of Trade ?
- (f) What is Reverse Repo Rate ?

- (g) Difference between Economic Growth and Development.
- (h) What is PQLI ?
- (i) What is Inclusive Growth ?
- (j) What is Inflation ?
7. (a) Explain the main features of the economic development of Odisha during the post Reform Period. 15
- (b) What do you mean by regional disparity ? Discuss the steps taken by the Government to minimize regional disparity. 15
8. Write about any **two** of the following in **150** word each :  $15 \times 2 = 30$
- (a) 21<sup>st</sup> ASEAN Summit, 2012
- (b) 4<sup>th</sup> BRICS Summit, 2012
- (c) United Nations Peace Keeping Operations
9. Write about the following in **20** words each :  $2 \times 5 = 10$
- (a) Spain and Catalanian Independence

- (b) US-Russia Ukraine crisis
- (c) Indo-Bangla Co-operation in Power Sector
- (d) UN Population Fund
- (e) Third BIMSTEC Summit, 2014

10. Write about the following by expanding and explaining the objectives in **20 words each** :

**2×5 = 10**

- (a) SAARC
- (b) EU
- (c) UNSC
- (d) OPCW
- (e) UNHRC

11. Answer any **one** of the following in about **250 words** :

**30**

- (a) What is nuclear energy ? How is it produced ? What are its sources ? Explain how it is harnessed.

- (b) What is meant by 'remote sensing' ? Explain the techniques and advantages of remote sensing.

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

- (a) What are Superconductors ? Discuss their types, properties and applications.
- (b) What is meant by 'Global Warming' ? What are its causes and effects ? How it can be reduced ?
- (c) Describe the main components of a computer. Explain the meaning of Speed, RAM, ROM and Motherboard.
- (d) What are 'endangered species' ? What are the causes responsible for extinction of species ? How this trend can be reversed Explain with examples.

13. Answer any two of the following :  $5 \times 2 = 10$

- (a) What do you understand by White Revolution ?

- (b) Describe the properties of conductors, insulators and semiconductors.
- (c) Write a note on "carbon cycle" in nature.
- (d) What are antibiotics ? Discuss their production and uses.
- (e) Discuss the nature, harnessing and uses of solar energy.

14. The following table provides the Rural and Urban population of West Bengal according to the Censuses of 1921-1951 :

Census Year	Population (in Lakhs)	
	Rural	Urban
1921	139.94	24.32
1931	147.92	28.97
1941	171.97	46.79
1951	200.25	62.82

- (a) Construct a double bar diagram to compare the population figures. 5
- (b) Comment on the changes in populations. 3

15. (a) Determine the Median and Mode for the following distribution of monthly income for 580 middle-class people of a country :

**Monthly Income**                      **Frequency**  
**(in Thousand Rupees)**

25 – 30	53
30 – 35	81
35 – 40	114
40 – 45	195
45 – 50	63
50 – 55	32
55 – 60	20
60 – 65	11
65 – 70	8
70 – 75	3

Also obtain an approximate value of the Mean income from the values of Median and Mode.

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- (b) A problem in statistics is given to three students A, B and C whose chances of solving it are  $\frac{1}{2}$ ,  $\frac{1}{3}$  and  $\frac{1}{4}$  respectively. What is the probability that the problem will be solved if all of them try independently ? 8

16. (a) From the frequency distribution of height for 177 Indian adults given below, draw the "more than type" ogive and hence calculate the Median : 8

Height (cm.) Class Interval	Frequency
144.55 – 149.55	1
149.55 – 154.55	3
154.55 – 159.55	24
159.55 – 164.55	58
164.55 – 169.55	60
169.55 – 174.55	27
174.55 – 179.55	2
179.55 – 184.55	2

- (b). Suppose milk is being sold at the rates of 18, 20, 22 and 25 rupees per litre in four different months. Assuming that equal amounts of money are spent on milk by a family in the four months, using a suitable measure, determine the average price in rupees per litre.

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