SUBJECT : ECONOMICS [SET-II]

Time : 3 hrs.   M.M. : 90

General Instructions :

(i)   All questions in both the sections are compulsory.

(ii)   Marks for questions are indicated against each.

(iii)   Question numbers 1-3 and 14-15 are multiple choice questions. Each question is followed by four options. Choose the correct option and write it in your answer sheet.

(iv)   Question numbers 4-7 and 16-20 are short answer type questions carrying 3 marks each. Answer to them should normally not exceed 60 words.

(v)   Question numbers 8-10 and 21 are also short answer questions carrying 4 marks each. Answer to them should not exceed 70 words each.

(vi)   Question numbers 11-13 and 22-25 are long answer questions carrying 6 marks each. Answer to them should normally not exceed 100 words each.

(vii)   Answer should be brief and to the point and the above word limits should be adhered to as far as possible.

SECTION-A (Statistics for Economics)

Q1.   Which of the following is not affected by presence of extreme values in a series?   (1)

    (a)   mean and median   (b)   mean and mode

    (c)   median and mode   (d)   none of the above

Q2.   Median can be determined graphically through -   (1)

    (a)   ogives   (b)   frequency polygon

    (c)   histogram

    (d)   frequency polygon with histogram

Q3.   One of the following is a characteristic of mailed questionnaire.   (1)

    (a)   Higher cost   (b)   Wider reach

    (c)   Large response rate   (d)   None of the above

Q4. Discuss the features of statistics in plural sense. (3)

Q5. In the year 2012, there were 80 persons in a trip organised by a school. Out of which 60 were students, 10 wer_ _nale teachers and 20 were male students. In the year 2013, 100 persons went on a trip. Out of which 40 were teachers, 30 were female teachers and 40 were female students. Present the above information a tabular form. (3)

Q6. The mean weight of 150 students in a class is 60 kg. The mean weight of boys in the class is 70 kg and that of girls is 55 kg. Find the number of boys and girls in the class. (3)

OR

The average marks in statistics of 10 students of a class were 68. A new student with 72 marks took admission whereas two existing students left the college. If the marks of these students were 40 and 39, find the correct average marks. (3)

Q7. Find out median of the following series : (3)

Wages (₹) (less than) : 200 300 400 500 600 700 800 900

Number of workers :   5   18   38   70   90   95   98 100

Q8. Represent the following data by a percentage bar diagram.

Subjects	Number of Students	
	2012-13	2013-14
Statistics	160	100
Economics	200	250
History	40	150	(4)

OR

Present the following data on the production of foodgrains in the form of a sub-divided bar diagram.

Subjects	Production (in million tons)		
Year	Wheat	Rice	Sugar
2012	30	20	10
2013	45	30	15	(4)

Q9. Find the missing frequency in the following distribution, given that the median value is 47 and N = 458. (4)

Marks :	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of students :	24	60	x	130	y	50	36

(2)

Q10. What is meant by questionnaire? What are the essentials of a good questionnaire? (4)

Q11. Determine the value of mode graphically and verify the result mathematically for the following frequency distribution :

Marks :	10-20	20-30	30-40	40-50	50-60	60-70	
No. of students :	8	12	20	10	6	4	(6)

Q12. (a) Explain briefly multi-stage sampling with the help of an example.

(b) What is secondary source of data? Give two limitations of secondary data. (3+3=6)

OR

(a) Distinguish between sampling and non-sampling errors.

(b) State three advantages of census method of collection of data over sampling method. (3+3=6)

Q13. (a) From the information given in the following table, calculate arithmetic mean. [Take A = 35]

	Less than	Less than 20	Less than 30	Less than 40	Less than 50	Less than 60
C.f.		10	40	75	95	100

(b) State any two mathematical properties of arithmetic mean. (4+2=6)

SECTION-B (Indian Economic Development)

Q14. Which of the following is not an element of fiscal reforms? (1)

(a) Taxation reforms

(b) Public expenditure reforms

(c) Change in interest rate

(d) Control on public debt. (1)

Q15. _____ refers to the transfer of assets or services function from public sector to private ownership. (1)

(a) Globalisation (b) Devaluation

(c) Privatisation (d) Liberalisation

Q16. Discuss the state of India's agricultural sector during colonial rule. (3)

Q17. Give a brief account of India's demographic profile during British rule. (3)

Q18. Explain self reliance and equity as an objective of Five Year Plan. (3)

Q19. Do you think outsourcing is good for India? Why are developed countries opposing it? (3)

OR

"Agricultural sector appears to be adversely affected by reform process". Why? (3)

Q20. Point out the main features of India's foreign trade policy during 1950-1990. (3)

Q21. Explain in brief, the liberalisation reforms introduced in financial sector. (4)

OR

Discuss the external sector reforms introduced under New Economic Policy. (4)

Q22. Comment on the state of India's industrial sector during 1950-1990. (6)

Q23. Explain and evaluate various policy measures undertaken to increase the agricultural production in India during 1950-1990. (6)

OR

(a) Discuss any three achievements of Green Revolution.

(b) "Subsidies put a huge burden on government finances, but are necessary for poor and marginal farmers." Comment. (3+3=6)

Q24. (a) 'The economic crisis that prevailed in 1991 led to the adoption of New Economic Policy.' Briefly describe any three causes that led to this crisis.

(b) Do you think that New Economic Policy, 1991 has been successful? Give any three arguments in support of your answer. (3+3=6)

Q25. 'The policies followed by the British led to the collapse of the industrial sector in India.' Comment on the factors responsible for the same. (6)