

# INTERNATIONAL INDIAN SCHOOL, RIYADH

Post Box No. 89788, Riyadh - 11692 (K.S.A.)



Random Sampling

## FIRST TERM EXAMINATION - JUNE - 2014

STANDARD : XI

**SET - B**

MAX.MARKS : 100

SUBJECT : ECONOMICS

TIME : 3 HOURS

### GENERAL INSTRUCTIONS:

- (i) All questions in both the sections are compulsory.
- (ii) Marks for questions are indicated against each question.
- (iii) Questions 1 to 3 and 14 to 17 are very short answer questions carrying 1 mark for each. They are required to be answered in one sentence each.
- (iv) Questions 4 to 8 and 18 to 21 are short answer questions carrying 3 marks each. Answers to them should not normally exceed 60 words each.
- (v) Questions 9 and 22 to 25 are also short answer questions carrying 4 marks each. Answers to them should not normally exceed 70 words each.
- (vi) Questions 10 to 12 and 26 to 28 are long answer questions carrying 6 marks each. Answers to them should not normally exceed 100 words each.
- (vii) Question 13 Project Work carries 10 marks.
- (viii) Answers should be brief and to the point and the above word limit be adhered to as far as possible.
- (ix) Word limits are not applicable to numerical answers.
- (x) All parts of a question should be answered at one place.
- (xi) All statistical diagrams should be done on the graph paper(s) provided.

### PART - A - STATISTICS FOR ECONOMICS

- 1 What is classification? {1}
- 2 "Statistics is both science as well as an art" Discuss The statement? {1}
- 3 Give two examples of quantitative data. {1}
- 4 Construct a Pie-diagram to represent the following data. {3}

Item	Expenditure
Labour	700
Bricks	600
Cement	400
Supervision	300

- 5 Explain the use of statistics in economic planning. {3}
- 6 What are the three basic ways of collecting data? {3}
- 7 Do you agree that classified data is better than raw data? {3}

OR

Distinguish between univariate and bivariate frequency distribution.

- 8 Find mode from the following data. {3}

C.I.	0-8	8-16	16-24	24-32	32-40	40-48
Frequency	15	18	30	22	17	16

- 9 If the arithmetic mean of the data given below is 28 find out the missing frequency. {4}

C.I.	0-10	10-20	20-30	30-40	40-50	50-60
f	12	18	27	—	17	6

OR

Mention any four merits of mode.

- 10 The following table shows the sectoral growth rate of GDP. {6}

Year	Primary Sector	Secondary Sector	Service Sector
1994 - 1995	5.0	9.2	7.0
1995 - 1996	0.9	11.8	10.3
1996 - 1997	9.6	6.0	7.1
1997 - 1998	-1.9	5.9	9.0
1998 - 1999	7.2	4.0	8.3
1999 - 2000	0.8	6.9	8.2

Represent the data as multiple time series graphs.

- 11 Calculate the value of lower quartile and upper quartile from the following data. {6}

Age	20-25	25-30	30-35	35-40	40-45	45-50
No. of Persons	50	60	90	80	75	45

- 12 What are the kinds of errors you would expect in a field survey by census method? {6}

OR

Compare the advantages and disadvantages of census and sample methods of collecting data.

- 13 Project Work. {10}

### PART - B - INDIAN ECONOMIC DEVELOPMENT

- 14 What do you mean by mortality rate? {1}
- 15 Explain the term Tariff barriers. {1}
- 16 What do you mean by demography? {1}
- 17 What does foreign direct investment mean? {1}
- 18 The traditional handicrafts industries were ruined under the British rule. Do you agree with this view? Give reasons in support of your answer. {3}
- 19 Those PSUs which are making profits should be privatised. Do you agree with this view? Why? {3}

