O. P. JINDAL SCHOOL, SAVITRI NAGAR
Half Yearly Examination (2018 – 2019)

Class: XI   **MM: 80**

Subject:Economics   **Time: 3 Hrs.15 Min**

Name: _____   Class / Section: _____   Roll No.:_____

Set A

General Instructions :

1. All questions are compulsory.
2. Marks for each question are indicated against each question.
3. Questions No. 1 to 8 are very short-answer questions carrying 1 marks each.
4. Questions No. 9 to 12 are short-answer questions carrying 3 marks each. Answer to them should normally not exceed 60 words each.
5. Questions No. 13 to 18 are short-answer questions carrying 4 marks each. Answer to them should normally not exceed 70 words each.
6. Questions No. 19 to 24 are Long-answer questions carrying 6 marks each. Answer to them should normally not exceed 100 words each

1. Bar diagram is a: (1)
(a) One dimensional diagram   (b) Two dimensional diagram
(c) Diagram with no dimension   (d) None of the above

2. What is mid point?   (1)

3. Define chronological classification.   (1)

4. State the meaning of simple table.   (1)

5. How can a table be classified on the basis of construction?   (1)

6. What is mean by one dimensional diagram?   (1)

7. Which bar diagram is used to show two or more characteristics of the data?   (1)

8. Ogives can be helpful in locating graphically the: (1)
(a) Mode   (b) Mean
(c) Median   (d) None of the above

9.What is the importance of statistics in economic planning?   (3)

10. Write any three difference between direct personal investigation and indirect oral investigation

(3)

11. Explain briefly statistical errors.   (3)

12. Write any three essentials of a good tabulation? (3)

13. What do you mean by Census method?Explain two merits of it. (4)

14. What are the objectives of classification? (4)

15. Mention any four precaution to be observed in the use of secondary data. (4)

16. Calculate the average marks of students from the data given below by short cut or step deviation method

(4)

Marks	10	20	30	40	50
No. of students	15	10	40	20	15

17. locate the median of the following frequency distribution : (4)

Marks	50	100	150	200	250	300	350	400
No. of students	7	14	18	36	51	54	50	50

18. The following table shows the value of imports and exports of a firm between 2010 and 2016. Present the information in the form of time series graph. (4)

Years	2010	2011	2012	2013	2014	2015	2016
Import of raw material(Rs. In lacks)	1,200	1,800	1,2500	2,000	2,800	3,500	5,000
Export of finished goods(Rs. In lacks)	2,200	3,000	4,000	3,500	4,500	5,200	6,800

19. From the following series,Calculate lower quartile and upper quartile. (6)

Variable	5	10	15	20	25	30	35	40
Frequency	16	18	22	21	24	`14	11	9

20. Calculate the median using 'less than ogive' and "more than ogive" using the data given below:(use graph) (6)

Markls	5-15	15-25	25-35	35-45	45-55	55-65
N0. of students	4	6	10	5	3	2

21. Given the following data on monthly wages of 1000 workers, frequencies of two class intervals are missing. Locate this if the median of the series is 56. (6)

Wages(In Rs. 000's)	20-30	30-40	40-50	50-60	60-70	70-80
No. of workers	60	60	?	200	?	285

22. What do you mean by a questionnaire? Write any four principles which should be followed while drafting a good questionnaire. (6)

23. Prepare a blanck table showing the following particulars with respect to students of a college, classified accroding to :
(a) faculty : Arts, Science and Commerce
(b) Age group : Below 16 : Above 16
(c) Sex : Male and Female. (6)

24. Calculate Mode from following data. (6)

Daily Wages(inRs .)	50-59	60-69	70-79	80-89	90-99
No. of Workers	15	40	50	60	45

25/9/18