

Holiday Homework for class XI-Economics (2024-25)

1. Prepare a powerpoint presentation any one of the following topics

- a) Smart city – Urban solutions for rising population
- b) Online Transaction –Pros and cons

2. Best out of Waste – Urban solutions for rising population-

Prepare a **layout (collage)** of your project use your imagination with available resources OR

Collect the data regarding changing trends of prices from a Retail shop of major food items in your neighbourhood from 16th May to 30th June 2024 and present it through a suitable statistical method.

Solve all the following questions/ Assignment in a fair-notebook.

1. Fill in the blanks with appropriate words.

- (a) _____ activities are undertaken to earn a living.
- (b) _____ is a person who works for some other person and gets paid for it.
- (c) The root cause for economic problems is _____.
- (d) _____ data is collected by the investigator himself.

2. Are the following statements true or false? Give reasons.

- (a) All numbers are statistics.
- (b) Tendulkar has a long bat. The statement is statistics.
- (c) Micro economic studies an individual unit.

(d) Non sampling errors can be minimised by taking large samples.

3. Choose the correct option.

1. Census method is
 - (a) Economical
 - (b) Suitable where the area of enquiry is wide
 - (c) Suitable where the units of universe are homogeneous
 - (d) Suitable where all units of the universe are not homogeneous
2. For the drawing lottery _____ sampling lottery is used.
 - (a) Random
 - (b) Purposive
 - (c) Stratified
 - (d) Quota
3. Questionnaires are filled by the
 - (a) Investigator
 - (b) Enumerator
 - (c) Informant
 - (d) None of these
4. Which of the following is correct regarding statistics?
 - (a) Aggregate of facts
 - (b) Numerically expressed
 - (c) Affected by multiplicity of causes
 - (d) All of these
5. Data collected by NSSO is the example of
 - (a) Primary data
 - (b) Secondary data
 - (c) Both a & b
 - (d) None of these
6. Nationality of a student is
 - (a) an attribute
 - (b) a discrete variable

- (c) a continuous variable
- (d) either a or b

7. The no. of observations falling within a class is called

- (a) density
- (b) frequency
- (c) both a & b
- (d) none of these

8. The value exactly at the middle of a class interval is called

- (a) class mark
- (b) mid value
- (c) both a & b
- (d) none of these

9. Class marks of a distribution are 26, 31, 36, 41, 46 and

51. Then first class interval is

- (a) 23.5 – 28.5
- (b) 23 – 28
- (c) 22.5 – 27.5
- (d) None of these

10. Find the number of observations between 250 and 300

from the following data

Value	No. of
observations	
More than 200	56
More than 250	38
More than 300	15
More than 350	0

- (a) 56
- (b) 23
- (c) 15
- (d) 8

11. Marks scored by 30 students are given below:

41	55	42	53	42	31	42	31	42	55
42	35	65	65	74	74	41	53	42	55
42	20	31	42	35	53	35	25	35	25

- I. Arrange them in individual series
- II. Arrange them in frequency array
- III. Construct the frequency distribution (inclusive) taking lowest class as 20-29
- IV. Convert it into an exclusive series taking the lowest class as 20-30.
- V. Convert exclusive series into less than and more than cumulative series

12. Convert the following more than cumulative frequency distribution into less than Cumulative frequency distribution

Cl(more than)	10	20	30	40	50	60	70	80
frequency	124	119	107	84	55	31	12	2

13. Convert the following cumulative frequency series into simple frequency series;

Marks	No. of students
Less than 20	10

Less than 40	18
Less than 60	25
Less than 80	45
Less than 100	55

14 Marks scored by 50 students are given below;

40	45	38	24	46	42	45	18	53	64
45	32	52	54	78	65	52	64	66	43
48	55	50	43	48	20	27	65	37	55
51	55	62	66	38	16	60	58	46	35
72	62	54	58	30	36	43	82	46	53

- I. Arrange them in individual series
- II. Arrange them in frequency array (discrete frequency distribution)
- III. Construct the frequency distribution (inclusive) taking lowest class as 10-19
- IV. Convert it into an exclusive series taking the lowest class as 10-20.
- V. Convert exclusive series into less than and more than cumulative series

THANK YOU