

Seat No.: **MARCH - 2022 (Summer session) Examination****Subject Code: 73524**

(विद्यार्थ्यांनी हा विषय कोड OMR वर लिहावा / Student should fill this code on OMR sheet)

Subject Name: Bachelor of Comm. (CBCS)_73524_73524/77848 - Business Statistics Paper-II**_05.08.2022_4.00 PM****Date: 05-08-2022****Time: 16:00:00 to 17:00:00****QP Code: 9726QP***(B.com - II, sem - IV)***Total Marks : 50 Each Question 2 Marks, Total 25 Ques, Duration 1 Hr****1. The control charts were developed by...**

- a. Karl Pearson
b. W. A. Shewhart
c. R. A. Fisher
d. B. Benjamin

2. The minor variations in manufacturing process are due to...

- a. assignable causes
b. chance causes
c. both a) and b)
d. none of these

3. Control chart consists of...

- a. three control lines
b. upper and lower control limits only
c. one control line only
d. none of these

4. The center line for a X- bar chart denotes..

- a. Mean of any sample
b. Mean of means of the sample
c. Mean of any sample + 0.5
d. Mean of any sample / 0.5

5. Which of the following is an attribute control chart?

- a. X bar chart
b. np-chart
c. R chart
d. none of these

6. The control chart for number of defects per item is...

- a. np-chart
b. R-chart
c. c-chart
d. mean chart

7. The sample space for experiment of tossing of a fair coin is...

- a. {H,T}
b. {H,T, HT}
c. {f}
d. none of these

8. Any subset of sample space is called as...

- a. experiment
b. space
c. event
d. probability



20. If Laspeyre's index = 100, Paasche's index = 144, then Fisher's Ideal index is equal to:

- a. 122
- b. 244
- c. 120
- d. 280

21. The long-term regular movements in a time series are called...

- a. seasonal variations
- b. cyclical variations
- c. secular trend
- d. irregular variations

22. Time series analysis helps to...

- a. make predictions
- b. compare two or more series
- c. know behaviour of business
- d. all of these

23. Seasonal variations are---

- a. Sudden variations
- b. Short term variations
- c. Long term variations
- d. none of these

24. Prosperity, Recession, Depression and recovery in a business is an example of

- a. Irregular variations
- b. Seasonal variations
- c. Cyclical variations
- d. Secular Trend

25. A Time Series has components.

- a. one
- b. two
- c. three
- d. four

