

Reg. No. :

Name :

Second Semester M.Com. Degree Examination, October 2018
Paper – III : CO 223 : QUANTITATIVE TECHNIQUES
(2014 Admission Onwards)

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer the following questions in **two** or **three** sentences. **Each** question carries **2** marks. **(2×10=20 Marks)**

1. What is a standard normal distribution ?
2. Distinguish between Point estimate and Interval estimate.
3. Explain the term ANOVA.
4. What is standard error ?
5. Write a note on Run test.
6. What is Statistical Quality Control ?
7. Explain Mann-Whitney U Test.
8. What is a control chart ?
9. What do you mean by Student's T Distribution ?
10. Write a brief note on SPSS.

SECTION – B

Answer **any five** of the following questions. **(5×5=25 Marks)**

11. Discuss the various types of quality control to which the statistical techniques are applied.
12. The monthly income of 1,000 employees are normally distributed around a mean of Rs. 2,500 with a standard deviation of Rs. 250. Find the number of employees whose monthly income would be :
 - a) between 2,000 and 3,000
 - b) less than 2,000
 - c) more than 3,000



13. From a sample of 900 students, the standard deviation of height was calculated to be 5 cms. From this, can we conclude with almost certainty (99.73% level) that the standard deviation of population would be 4 cms ?
14. A certain stimulus administered to each of the 12 patients resulted in the following increase of blood pressure 5, 2, 8, -1, 3, 0, -2, 1, 5, 0, 4, 6. Can it be concluded that the stimulus will, in general be accompanied by an increase in blood pressure ?
15. What is a normal distribution ? Briefly explain the properties of normal distribution ?
16. In a sample of 400 items from a consignment, 40 were considered to be defective. Estimate the percentage of defective items in the whole consignment and assign the limits within which the percentage will probably lie.
17. In a biscuit factory, quality control is exercised with the help of mean chart. 10 samples of 5 items each were taken at random and the total of their means and standard deviations were arrived at 150 and 9 respectively.

Construct the mean chart from the above particulars, given that $A_1 = 1.596$

18. Explain the various statistical tools used in SPSS.

SECTION - C

Answer **any two** of the following questions.

(2×15=30 Marks)

19. What are non parametric tests ? Explain the different types of non parametric tests used in testing hypothesis.
20. The following table gives the yield of three varieties.

Varieties	Yields			
1	30	27	42	
2	51	47	37	48 42
3	44	35	41	36

Perform an analysis of variance on this data.



21. From the adult population of four large cities, random samples were selected and the number of married and unmarried men was recorded.

	Cities				
	A	B	C	D	Total
Married	137	164	152	147	600
Single	32	57	56	35	180
Total	169	221	208	182	780

Is there significant variation among the cities in the tendency of men to marry ?

22. The weights of a sample of 7 goats taking peepul leaves were :

17, 15, 20, 18, 14, 16 and 19 kg.

The weights of another sample of 9 goats taking pomegranate leaves were :

18, 16, 21, 19, 15, 19, 22, 21 and 20 kg

From these data, test the hypothesis at 1% significance level that pomegranate leaves are better than peepul leaves in improving the weights of goats.



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E – 5175

Reg. No. :



Name :

Second Semester M.Com. Degree Examination, October 2018
Paper – II : CO 222 : BUSINESS ETHICS AND CORPORATE
GOVERNANCE
(2014 Admission Onwards)

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer **all** questions in **two** or **three** sentences. Each question carries **2** marks.

(10×2=20 Marks)

1. Explain the concept of Descriptive Ethics.
2. What is corporate culture ?
3. Explain the concept of ethical leadership.
4. What is diversity ?
5. What do you mean by wisdom management ?
6. Explain the concept of shareholders value.
7. Explain the concept of EVA.
8. What is Corporate Excellence ?
9. What is work life balance ?
10. What do you mean by business ethics ?

SECTION – B

Answer **any five** questions. Each question carries **5** marks.

(5×5=25 Marks)

11. Discuss the need for code of ethics.
12. Discuss ethical issues involved in marketing.
13. What are the components of diversity culture ?

P.T.O.



14. Explain the objectives of Corporate Governance.
15. How do you measure shareholders value ?
16. What are the stages of knowledge generation process ?
17. What are the components of great work culture ?
18. What are the objectives of social audit ?

SECTION - C

Answer any two questions. Each question carries 15 marks.

(2×15=30 Marks)

19. What are the benefits of ethical management ?
 20. Discuss the factors influencing business ethics.
 21. How do you balance work and life ?
 22. What are the responsibilities of a Chairman ?
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E – 5174

Reg. No. :

Name :

Second Semester M.Com. Degree Examination, October 2018
Paper – I : CO 221 E-BUSINESS AND CYBER LAWS
(2014 Admission Onwards)

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer all questions in two or three sentences. Each question carries 2 marks.

1. What is online marketing ?
2. What do you mean by cyber space ?
3. Explain ESOP.
4. What is B2C model ?
5. Define digital signature.
6. What is E-banking ?
7. What are the copyright issues in cyberspace ?
8. What do you mean by forgery and fraud ?
9. Define CRM.
10. What do you mean by online contracts ? **(2×10=20 Marks)**

SECTION – B

Answer any five of the following questions. Each question carries 5 marks.

11. Differentiate traditional marketing and E-marketing.
12. Explain the crimes related to IPR.

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13. Discuss the recent development in the field of cyber laws across the world.
14. State the provisions regarding data protection and privacy in IT Act, 2008.
15. Examine the features of EDI.
16. Explain the various types of cyber crimes.
17. Discuss the major limitations of E-business.
18. What do you mean by E-Governance and E-Taxation ? **(5×5=25 Marks)**

SECTION – C

Answer **any two** of the following questions. Each question carries **15** marks.

19. Define E-Commerce. State its merits and demerits.
 20. Discuss the objectives and strategies of National Cyber Security Policy of Govt. of India.
 21. What is supply chain management ? Explain its features, issues and trends.
 22. Explain the different models of E-Retailing. **(2×15=30 Marks)**
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