

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
First Semester M.Com Degree Examination, November 2018
MCOM1B01– Business Environment
(2017 Admission onwards)

Max. Time: 3 hours

Max. Weightage: 36

Part A

Answer all the questions. Each question carries one weight

1. What do you mean by Quality Circle?
2. Define economic systems.
3. What do you understand by disinvestment?
4. Define public expenditure.
5. What is globalisation?
6. What do you mean by GATS?

(6 x 1 = 6 weights)

Part B

Answer any six questions. Each question carries three weights

7. Write a note on impact of WTO on India.
8. List out the limitations of FDI.
9. Briefly explain the SEZs.
10. What are the highlights of 12th five year plan?
11. Briefly explain the internal environment factors.
12. Differentiate between Planning Commission and NITI Ayog.
13. What are the principles of WTO?
14. Distinguish between MRTP Act and Competition Act.

(6 x 3 = 18 weights)

Part C

Answer any two questions. Each question carries six weights

15. Explain the functions of NITI Ayog.
16. Write an essay on role and relevance of public sector in India.
17. What is PPP? Explain the important initiatives taken by Govt. of India for the success of PPP.

(2 x 6 = 12 weights)

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(Pages : 2)

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Name:

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
First Semester M.Com Degree Examination, November 2018
MCOM1B02– Quantitative Techniques for Business Decisions
(2017 Admission onwards)

Max. Time: 3 hours

Max. Weightage: 36

Part A

*Answer all the questions.
Each question carries one weight*

1. What is coefficient of correlation?
2. What is type II error?
3. What is testing of hypothesis?
4. What is ANOVA?
5. What is Mean Chart?
6. Differentiate between a statistic and parameter.

(6 x 1= 6 weights)

Part B

*Answer any six of the following questions.
Each question carries 3 weights*

7. Distinguish between process control and product control. What control charts are used for variables ?
8. A analysis of examination result of 200 MBAs was made. It was found that 46 students had failed, 68 secured a third division, 62 secured a second division, and the rest were placed in the first division. Do these figures tally with the general examination result which is in the ratio of 2:3:3:2 for various categories respectively?
9. Explain the steps in difference of mean test
10. From the data given below, calculate Karl pearsons' correlation coefficient.
Price of commodity,(X): 10 12 15 14 19
Amount demanded,(Y): 40 41 48 60 50
11. In a college 55 boys and 45 girls were admitted in a period. Can we conclude that the boys and girls are admitted equally?

12. The quality control assistant tested two yarns A and B of the same count for their strength he got the following result:-

| <u>Sample size</u> | <u>Mean</u> | <u>S.D</u> |
|--------------------|-------------|------------|
| 10 | 45 | 7 |
| 5 | 55 | 6 |

Is the difference of mean significant?

13. A sample survey of 81 documentaries reveals an average length of 90 minutes and a standard deviation of 20 minutes. Find the 95% confidence limits for the population mean.

14. Estimate the regression of Y on X and X on Y, from the following data:-

$$\sum X = 50, \sum Y = 60, \sum XY = 350, \sum X^2 = 290, \sum Y^2 = 450, N = 10.$$

(6 x 3 = 18 weights)

Part C

*Answer any Two of the following questions.
Each question carries 6 weights*

15. Carry out an ANOVA.

| | | <u>Salesman</u> | | | |
|----------|---|-----------------|----------|----------|----------|
| | | <u>A</u> | <u>B</u> | <u>C</u> | <u>D</u> |
| Season : | X | 34 | 24 | 19 | 33 |
| „ | Y | 26 | 27 | 29 | 30 |
| „ | Z | 24 | 26 | 27 | 27 |

16. In a locality 100 persons were randomly selected and asked about their educational achievements . The results were as follows:

| <u>Sex</u> | <u>Education</u> | | | Total |
|------------|------------------|-------------|---------|-------|
| | Middle | High School | College | |
| Male | 10 | 15 | 25 | 50 |
| Female | 25 | 10 | 15 | 50 |
| Total | 35 | 25 | 40 | 100 |

Can we say that education depends on sex?.

17. Write short notes on:-:

- (A) Multiple Correlation. (B) SPSS
(C) Level of significance

(2 x 6 = 12 weights)

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Name:

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
First Semester M.Com Degree Examination, November 2018
MCOM1B04 – IT Applications in Commerce
(2017 Admission onwards)

Max. Time: 3 hours

Max. Weightage: 36

Part A
Answer all questions
Each question carries 1 Weightage

1. List out the application areas of IT in Commerce.
2. Differentiate between module and macros in Ms Access.
3. What is the concept of Normalization in DBMS?
4. Mention 'Executive Information System' (EIS).
5. Define the term 'Cryptography'.
6. Define the concept of 'Meta data'.

(6 x 1 = 6 weightage)

Part B
Answer any six questions
Each question carries 3 Weightage

7. Explain the uses of 'goals seek and scenario manager functions in Excel.
8. What is query? Illustrate the application of queries in a banking institution.
9. How can we create a formula in Ms excel? Describe with suitable examples.
10. What are the components of Database?
11. Describe the business uses of data mining and data warehousing.
12. How we utilize the features of Excel in Payroll management?
13. Briefly explain the security issues in database.
14. Mention the operating elements of MIS.

(6 x 3= 18 weightage)

Part C
Answer any two questions
Each question carries 6 Weightage

15. What is Database System? Explain important structures of database system.
16. Explain the important financial usage of Ms Excel with suitable examples.
17. Describe in detail the modules of ERP that can be implemented in a Multispecialty hospital environment.

(2 x 6 = 12 weightage)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE
First Semester M.Com Degree Examination, November 2018
MCOM1B03– Accounting for Managerial Decisions
(2017 Admission onwards)

Max. Time: 3 hours

Max. Weightage: 36

Part A

Answer *all* questions

Each question carries 1 weightage

1. What are Step costs?
2. What do you understand by Cost driver?
3. What is Sensitivity analysis?
4. What do you mean by key factor?
5. What is cost of capital?
6. What is BSC?

(6x1=6 Weightage)

Part B

Answer any *six* questions

Each question carries 3 Weightage

7. Explain the importance of Management Accounting
8. What is IRR? State the merits and demerits of IRR method
9. What is P/V ratio? Discuss its uses
10. What are the advantages of ABC System?
11. Briefly explain the steps involved in ZBB
12. The following information relates to project:

| | |
|---------------------|------------------------|
| Initial outlay | Rs.25000 |
| Life of the project | 4years |
| Cash inflows | Rs.10000p.a for 4years |
| Cost of capital | 10% |

Expected interest rates at which cash inflows will be reinvested:

| End of the year | Percentage |
|-----------------|------------|
| 1 | 7% |
| 2 | 7% |
| 3 | 9% |
| 4 | 9% |

You are required to analyse the feasibility of the project using terminal value method.

13. From the following data calculate:

| | |
|--|-------------------------------------|
| (a) P/V ratio | (b) Profit when sales are Rs 300000 |
| (c) New BEP if selling price is reduced by 20% | |
| Fixed expenses | Rs 70000 |
| BEP | Rs 175000 |
14. A company issued 25000 5% preference shares of Rs 100 each. Cost of issue is Rs 2 per share. Calculate cost of preference capital, if these shares are issued (a) at par, (b) at a premium of 10% (c) at a discount of 5%.

(6x3=18 Weightage)

Part C

Answer any two questions
Each question carries 6 Weightage

15. Discuss the nature and scope of Management Accounting. How it differs from financial accounting.
16. A firm has a capacity to produce 8000 units of output but actually produces only 4000 units for home market at the following costs:

| | Rs |
|--------------------------------|-------|
| Materials | 60000 |
| Wages | 56000 |
| Factory overheads: | |
| fixed | 20000 |
| variable | 30000 |
| Administration overhead(fixed) | 25000 |
| Selling overhead: | |
| fixed | 20000 |
| variable | 28000 |

The home market can consume only 4000 units at a selling price of Rs 65 per unit. An additional order for the supply of 4000 units is received from a foreign customer at Rs 50 per unit. Should this order be accepted or not?

17. A choice is to be made between two competing proposals which require an equal investment of Rs.1,00,000 and are expected to generate net cash flows under:

| Year | Project 1 | Project 2 |
|------|-----------|-----------|
| 1 | Rs 30000 | Rs 25000 |
| 2 | 25000 | 30000 |
| 3 | 20000 | 20000 |
| 4 | 25000 | 15000 |
| 5 | 15000 | 20000 |
| 6 | 10000 | 10000 |

The cost of capital is 10%. Which project proposal should be chosen and why?
Evaluate the project proposals under:

- (a) Payback period
(b) Discounted cash flow methods (any two methods)

(2x6=12 Weightage)