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**St Aloysius College (Autonomous)
Mangaluru**

**Semester I – P.G. Examination – M.A. Economics
November - 2019**

MICRO ECONOMIC ANALYSIS

Time: 3 hrs.

Max. Marks: 70

SECTION – A

Answer any **TWO** questions of the following:

(2x15=30)

1. "Choice reveals preference", Explain.
2. Explain the features of Cobb-Douglas production function.
3. Explain Cournot's model.

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SECTION – B

Answer any **FOUR** questions of the following:

(4x6=24)

4. What do you mean by indifference curve? Explain its characteristics.
5. Explain the concept of cost function.
6. What is Monopoly? With a suitable diagram explain how equilibrium is attained under discriminating monopoly.
7. Explain the Price leadership model in oligopoly market.
8. Write a note on 'N-M utility Index'.
9. Explain the theory of asymmetric information.

SECTION – C

Answer any **FOUR** questions of the following:

(4x4=16)

10. Write a note on consumer's surplus.
11. Write a note on long run cost curve.
12. Briefly explain iso-cost line.
13. What do you mean by kinked demand curve?
14. What is efficient market hypothesis?
15. Explain the concept of Risk.

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St Aloysius College (Autonomous)
Mangaluru
Semester I – P.G. Examination – M.A. ECONOMICS
November - 2019
DEVELOPMENT ECONOMICS

Time: 3 Hours

Max. Marks: 70

SECTION - A

Answer any **TWO** questions of the following: **(2x15=30)**

1. Critically analyse Solow's model.
2. Discuss the relationship between population, poverty and environment.
3. Explain the balanced and unbalanced growth strategies with reference to underdeveloped economies.

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SECTION - B

Answer any **FOUR** questions of the following:

(4x6=24)

4. Explain the Kuznets concept of economic growth.
5. Describe Rostow's stages of economic growth.
6. Comment on embodied and disembodied technical progress.
7. What is golden age in Joan Robinson's model?
8. Elaborate on new technology and sustainable agriculture.
9. 'Informal sector is playing important role in Indian Economy'. Elucidate.

SECTION - C

Answer any **FOUR** questions of the following:

(4x4=16)

10. What is inverted U shaped hypothesis?
11. Write a note on 'issues of good governance'.
12. Distinguish between neutral and non-neutral technical changes.
13. What is dualism?
14. Comment on efficiency and productivity in agriculture.
15. Write a note on importance of infrastructure.

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St Aloysius College (Autonomous)
Mangaluru
Semester I – P.G. Examination – M.A. ECONOMICS
November – 2019

STATISTICAL TECHNIQUES FOR ECONOMIC ANALYSIS

Time: 3 Hours

SECTION - A

M.A. Marks: 70
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Answer any TWO questions of the following:

1. Distinguish between correlation and regression. Discuss their applications in economic analysis.
 Estimate the effect of education on salary by using following information and interpret the results.

Salary (000')	5	8	12	7	10	12	13	15	25	30
Education (No. of years)	2	4	8	6	7	9	10	14	17	18

2. Examine the basic concepts of probability and critically evaluate the approaches to estimate probability.
 3. Define sampling. Explain different types of sampling and their merits and demerits.

SECTION - B

Answer any FOUR questions of the following:

(4x6=24)

4. Discuss the role of Statistics in Economics.
 5. Calculate Mean and mode for the following data and interpret the results.

Savings	5,000 – 10,000	10,000 – 15,000	15,000 – 20,000	20,000 – 25,000
No. of persons	25	50	35	10

6. The following information shows the returns of a company for six years. Whether the returns are consistent or not? Discuss.

Year	2011	2012	2013	2014	2015	2016
Return (Lakhs)	120	90	150	240	110	80

7. Find the relationship between output and labour from following information using correlation analysis.

Output	200	280	190	300	220	240
Labour	22	25	20	30	24	23

8. Forecast the production of rice for the year 2021, using least squares method for the following data.

Year	2014	2015	2016	2017	2018	2019
Rice production (in tonnes)	90	95	85	99	87	85

9. Describe the properties of a good estimator.

SECTION - C

Answer any FOUR questions of the following:

(4x4=16)

10. Write a note on the uses of skewness.
 11. Briefly explain the differences between partial and multiple correlation with example.
 12. Write a note on 'Chi Square Test'.
 13. Give an account on properties of normal distribution.
 14. Differentiate between confidence interval and level of significance.
 15. Calculate Fisher's Ideal Index number from the following data.
 Laspeyre's index number – 223.36
 Paasche's index number – 226.80

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**St Aloysius College (Autonomous)
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Semester I – P.G. Examination – M.A. Economics

November - 2019

ENVIRONMENTAL ECONOMICS

Time: 3 hrs.

Max. Marks: 70

SECTION - A

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Answer any TWO questions of the following:

(2x15=30)

1. Discuss Economics – Environment – Ecology linkages.
2. Analyse various environmental problems and measures to control them.
3. What is natural resource scarcity? Explain the process of managing non-renewable resources.

SECTION - B

Answer any FOUR questions of the following:

(4x6=24)

4. Explain the concept of 'Externalities' in the context of environment.
5. Explain the prisoners dilemma in environmental choices.
6. Explain the role and nature of people's participation in environmental protection.
7. Briefly explain Coase Bargaining solution.
8. What do you mean by sustainable development?
9. Explain Hedonic pricing for environmental valuation.

SECTION - C

Answer any FOUR questions of the following:

(4x4=16)

10. Write a note on environmental economics.
11. Write a note on defensive expenditure.
12. What is Pigouvian taxes?
13. Explain the concept 'Market Failure'.
14. What is environmentally corrected GDP?
15. Write a note on 'Social Forestry'.

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St Aloysius College (Autonomous)
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Semester I – P.G. Examination – M.A. ECONOMICS
November - 2019

PRINCIPLES OF BANKING

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Time: 3 Hours

Max. Marks: 70

SECTION - A

Answer any **TWO** questions of the following:

(2x15=30)

1. Explain the investment policy of a commercial bank.
2. Examine the banker customer relationship in modern banking system.
3. Explain the various instruments used in new age banking system.

SECTION - B

Answer any **FOUR** questions of the following:

(4x6=24)

4. Explain the process of credit creation by the commercial banks.
5. Give an account of different forms of NRI accounts.
6. Explain the merits and demerits of online banking system.
7. Explain the various types of securities.
8. Briefly explain secured advances of a bank.
9. What are NPA's? Examine the effect of NPA's on profitability of banking system.

SECTION - C

Answer any **FOUR** questions of the following:

(4x4=16)

10. Write a note on universal banking.
11. What are non-interest income sources?
12. What is banker's lien?
13. Write a note on types of deposit accounts.
14. Briefly explain security issues in online banking.
15. Write a note on credit portfolio management.

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**St Aloysius College (Autonomous)
Mangaluru**

Semester I – P.G. Examination – M.A. Economics

November - 2018

MICRO ECONOMIC ANALYSIS

Time: 3 hrs.

Max. Marks: 70

SECTION – A

Answer any TWO questions of the following: (2x15=30)

1. Critically examine revealed preference theory of Samuelson.
2. Explain how price and output are determined under monopolistic competition.
3. Explain Cobb-Douglas production function.

SECTION – B

Answer any FOUR questions of the following: (4x6=24)

4. Critically examine Cournot's model.
5. Explain the traditional short run cost curves.
6. Explain N-M utility index.
7. What are iso-quants? Explain its properties.
8. Briefly explain equilibrium of a discriminating monopolist.
9. Explain the concept of markets with asymmetric information.

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SECTION – C

Answer any FOUR questions of the following: (4x4=16)

10. Give the meaning of marginal rate of substitution.
11. Explain kinked demand curve model of oligopoly.
12. Define price leadership.
13. Write a note on Ridge line.
14. Briefly explain the efficient market hypothesis.
15. Write a note on consumer's surplus.

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**St Aloysius College (Autonomous)
Mangaluru**

Semester I - P.G. Examination -M.A. Economics

November 2018

DEVELOPMENT ECONOMICS

Time: 3 Hours

Max.Marks:70

SECTION-A

Answer any TWO of the following.

(2×15=30)

1. Bring out the difference between growth and development. Critically examine the factors affecting economic growth.
2. Examine social, technical and financial dualism in an economy.
3. Critically explain the Harrod -Domar model of economic growth.

SECTION-B

Answer any FOUR of the following.

(4×6=24)

4. Explain the theory of demographic transition.
5. Discuss the production function approach to economic growth.
6. Analyse the Lewis model of economic development.
7. Explain the Big-Push theory.
8. Examine the causes for low agriculture productivity in the developing countries.
9. Discuss the Todaro's model.

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SECTION-C

Write short notes on any FOUR of the following.

(4×4=16)

10. Write a note on inverted U hypothesis.
11. Explain the concept PQLI & HDI.
12. Describe market failure.
13. Write a note on neutral technical change.
14. Write a note on terms of trade between agriculture and non-agriculture sector.
15. Briefly explain service sector and its importance.

St Aloysius College (Autonomous)**Mangaluru****Semester I – P.G. Examination - M.A. Economics****November - 2018****STATISTICAL TECHNIQUES FOR ECONOMIC ANALYSIS**

Time: 3 hrs.

Max. Marks: 70

SECTION – AAnswer any **TWO** questions of the following: (2x15=30)

1. Define Statistics. Elucidate the scope and importance of statistics in economic analysis with examples.
2. Following data show the information regarding investment and profit of a firm for ten years. Fit a regression equation of investment on profit and estimate standard error of estimate. And also interpret your results.

Invt (In Lakh)	155	130	180	190	160	220	170	250	135	165
Profit (In Lakh)	75	70	90	95	85	100	80	120	70	82

3. Define Probability. Explain the various approaches to estimate it.

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SECTION – BAnswer any **FOUR** questions of the following: (4x6=24)

4. Calculate Karl Pearson's coefficient of skewness from the following data.

Weekly sales	10-12	12-14	14-16	16-18	18-20	20-22
No of companies	12	18	34	45	50	86

5. 'Correlation does not imply causation' Justify.
6. The information regarding yield and amount of fertilizer used are given in the below table. What kind of relationship does exist among two? Use Karl Pearson's method.

Yield (in qtl)	40	35	38	30	42	28	34	25
fertilizer (in Kgs)	45	41	40	32	50	31	35	30

7. The profits of two companies namely A and B given in the table below. Which company do you select? Find the coefficient of variation.

A	400	350	430	500	480	600	520	570	440	510
B	800	300	700	400	200	900	850	250	600	310

8. Describe the characteristics of Normal distribution and its application.

Contd...2



9. Calculate mean and median for the following data:

C.I	0-30	30-60	60-90	90-120	120-150
F	14	16	30	12	8

SECTION - C

Answer any **FOUR** questions of the following:

(4x4=16)

10. An economy's growth rate has given in the table below for five years. Calculate average rate of growth of the economy during the five years by using Geometric mean method.

Year	1	2	3	4	5
Rate of Growth (%)	5	6	4.5	3	7.5

11. Write a short note on types of correlation.

12. Compute Fisher's index for the following data:

Item	Base Year		Current Year	
	Price	Quantity	Price	Quantity
A	20	220	30	520
B	10	100	20	180
C	8	50	12	70
D	5	10	8	20

13. Briefly explain the components of time series.

14. Write a note on conditional probability with an example.

15. Brief on the properties of a good estimator.

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**St Aloysius College (Autonomous)
Mangaluru**

Semester I - P.G. Examination -M.A. Economics

November 2018

ENVIRONMENTAL ECONOMICS

Time: 3 Hours

Max.Marks:70

SECTION-A

Answer any **TWO** of the following. (2×15=30)

1. What is Environmental Economics? Explain the scope of Environmental Economics.
2. Examine the various methods of environmental valuation.
3. Analyse the global environmental problems and policy actions initiated to control them.

SECTION-B

Answer any **FOUR** of the following. (4×6=24)

4. Explain the economic functions of environment.
5. What do you mean by resource scarcity? How we can manage exhaustible resources?
6. Explain Global Warming and its consequences on earth.
7. Examine the concept of market failure in the context of environmental economics.
8. Write a note on "Grass root movements" with regard to environmental protection.
9. How development and environment is connected? Give your views on it.

SECTION-C

Write short notes on any **FOUR** of the following. (4×4=16)

10. What is tradable pollution permits?
11. Write a note on environmentally corrected GDP.
12. State Hardin's Thesis of the "Tragedy of Commons".
13. What is the use of international carbon tax?
14. Explain different types of natural resources.
15. Write a note on social forestry.

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St Aloysius College (Autonomous)
Mangaluru
Semester I – P.G. Examination – M.A. ECONOMICS
November - 2018
PRINCIPLES OF BANKING

Time: 3 Hours

Max. Marks: 70

SECTION - A

Answer any **TWO** questions of the following: (2x15=30)

1. Distinguish between unit banking and branch banking.
2. Explain the banker-customer relationship.
3. How to identify NPA's. Describe the effect of NPA on profitability and assessment system.

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SECTION - B

Answer any **FOUR** questions of the following: (4x6=24)

4. Explain the concept of banker as a trustee and as an agent.
5. What is E-banking? Explain the facets of electronic banking?
6. Explain the various types of securities.
7. What is banker's lien? When can he exercise such a lien?
8. Explain the activities of SWIFT, CHIPS, CHAPS and RTGS.
9. Briefly explain the difference between secured and unsecured advances of a bank.

SECTION - C

Answer any **FOUR** questions of the following: (4x4=16)

10. Explain the structure of assets and liabilities of a commercial bank.
11. What is garnishee order?
12. Briefly explain new age banking in India.
13. Explain the process of credit portfolio management process.
14. Give an account of legal aspects of entries in the pass book.
15. What are the types of deposit accounts?

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**St Aloysius College (Autonomous)
Mangaluru**

Semester I – P.G. Examination – M.A. Economics

November - 2017

MICRO ECONOMIC ANALYSIS

Time: 3 hrs.

Max. Marks: 70

SECTION – A

Answer any TWO questions of the following:

(2x15=30)

1. Explain the Revealed Preference theory.
2. Describe the features and significance of Cobb-Douglas production function.
3. Explain Cournot's model of duopoly.

SECTION – B

Answer any FOUR questions of the following:

(4x6=24)

4. Explain the features of N-M method.
5. Explain traditional theory of cost.
6. Briefly explain the properties of indifference curve.
7. Explain briefly the price and output determination under monopoly.
8. Briefly explain Bertrand model of oligopoly.
9. Explain the market for lemons.

SECTION – C

Answer any FOUR questions of the following:

(4x4=16)

10. Write a note on substitution effect.
11. Write a note on Revenue Curves under perfect competition.
12. Write a note on ridge line.
13. Give the features of monopolistic competition.
14. Write a note on Kinked demand curve.
15. Write a note on efficient market hypothesis.

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**St Aloysius College (Autonomous)
Mangaluru**

Semester I – P.G. Examination – M.A. Economics

November - 2017

DEVELOPMENT ECONOMICS

Time: 3 hrs.

Max. Marks: 70

SECTION – A

Answer any **TWO** questions of the following:

(2x15=30)

1. Bring out the difference between growth and development. Critically examine the factors affecting economic growth.
2. Critically analyse the Harrod-Domar model of economic growth.
3. Describe the role of agriculture in economic development.

SECTION – B

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Answer any **FOUR** questions of the following:

(4x6=24)

4. What is market failure? Suggest measures to prevent market failure.
5. Explain Rostow's stages of economic growth.
6. Give a brief account of Big-Push theory.
7. Explain the theory of demographic transition.
8. Examine Solow model of economic growth.
9. Describe the nature of Rural-Urban migration.

SECTION – C

Answer any **FOUR** questions of the following:

(4x4=16)

10. Write a note on PQLI.
11. Give the meaning of unbalanced growth strategy.
12. Write a note on issues of good governance.
13. What is "Financial Dualism"?
14. Write a note on sustainable development.
15. Explain the labour market functioning in developing country.

St Aloysius College (Autonomous)
Mangaluru

Semester I – P.G. Examination – M.A. Economics

November - 2017

STATISTICAL TECHNIQUES FOR ECONOMIC ANALYSIS

Time: 3 hrs.

Max. Marks: 70

SECTION – A

Answer any **TWO** questions of the following: (2x15=30)

1. Define Statistics. Critically evaluate the application of Statistics in economic analysis.
2. Distinguish between correlation and regression. Regress sales on advertisement expenditure and interpret the results.

Sales (000's)	20	25	18	35	40	28	50	58
Ad. Expdr. (lakhs)	2	3	2	5	6	5	7	8

3. What is probability? Discuss different approaches to estimate it and mention its uses in Economics.

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SECTION – B

Answer any **FOUR** questions of the following: (4x6=24)

4. Compute Mean and Median for the following data.

Income	5000- 10,000	10,000- 15,000	15,000- 20,000	20,000- 25,000	25,000- 30,000
No. of persons	20	28	40	18	5

5. What is dispersion? Calculate coefficient of variation for the following series:

C-I	5-15	15-25	25-35	35-45	45-55	55-65
F	5	25	50	60	10	3

6. Estimate the correlation between demand and price for the following information.

Demand	100	120	150	160	110	130
Price	18	16	12	10	16	13

7. Define time series. Explain the components of it.
8. Describe the properties of normal distribution.
9. Average sales of store A is 30 and its S.D. is 5 and the average sales of store B is 27 and its S.D. is 3. At $\alpha = 0.05$. Test whether the sales between A and B stores are statistically different.

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SECTION - C

(4x4=16)

Answer any **FOUR** questions of the following:

10. Calculate Fisher's Ideal Index Number for the following:
Laspayere's index - 125
Paasche's index - 126.21
11. Write a note on Lorenz curve.
12. State the importance of coefficient of determination.
13. Explain the properties of a good estimator.
14. Distinguish between confidence interval and level of significance.
15. Describe conditional probability.

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Mangaluru
Semester I – P.G. Examination – M.A. Economics
November - 2017

ENVIRONMENTAL ECONOMICS

Time: 3 hrs.

Max. Marks: 70

SECTION – A

Answer any **TWO** questions of the following: (2x15=30)

1. Substantiate 'Economy-Environment-Ecology interlinkages'.
2. Explain resource scarcity. How we can manage exhaustible and renewable resources?
3. Explain the various environmental valuation methods.

SECTION – B

Answer any **FOUR** questions of the following: (4x6=24)

4. Explain the concept 'Market Failure' in the context of environment.
5. Examine different types of environmental problems.
6. Describe Hardin's thesis of the tragedy of commons.
7. Explain the concept of sustainable development.
8. Explain Coase bargaining solution.
9. Give an account of Forest Policy of India.

SECTION – C

Answer any **FOUR** questions of the following: (4x4=16)

10. Define environmental economies.
11. Define use, option and non-use values.
12. Explain 'Resource Taxonomy'.
13. What is environmentally corrected GDP?
14. Write a note on maximum sustainable yield.
15. Explain Prisoner's Dilemma.

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**St Aloysius College (Autonomous)
Mangaluru**

Semester I – P.G. Examination – M.A. Economics

November - 2017

PRINCIPLES OF BANKING

Time: 3 hrs.

Max. Marks: 70

SECTION – A

Answer any **TWO** questions of the following: (2x15=30)

1. Explain the pattern of ownership of commercial banks in India. Describe the functions of commercial banks.
2. Describe the growth of retail banking in India. What are the different types of retail banking products?
3. Explain the process of credit creation. What are the limitations of credit creation?

SECTION – B

Answer any **FOUR** questions of the following: (4x6=24)

4. Explain the modes of creating charge.
5. Describe the special types of banker customer relationship.
6. Explain the advantages and limitations of E-banking.
7. Explain the different types of deposit accounts.
8. Explain the tools available to banks to manage their NPAs.
9. Explain the concept of universal banking and bring out its significance.

SECTION – C

Answer any **FOUR** questions of the following: (4x4=16)

10. Write a note on SWIFT.
11. What is Asset-Liability Management?
12. Explain RTGS.
13. List the non interest income sources of a bank.
14. What is meant by securitization of debt?
15. State the risks in opening accounts without proper introduction.

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