F-2825

M.A DEGREE EXAMINATION, NOVEMBER 2019

First Semester

Economics

MICRO ECONOMICS

(CBCS – 2017 onwards)

Time: 3 Hours   Maximum: 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   Define normative economics.

2.   What is inductive method?

3.   Define demand.

4.   Which are the two types of measuring utility?

5.   Define constant returns to scale.

6.   What is marginal product?

7.   Define monopoly.

8.   What is third degree price discrimination?

9.   Define kinked demand curve.

10. What is relative cost pricing?

Part B $(5 \times 5 = 25)$

Answer **all** questions, choosing either (a) or (b).

11. (a) Distinguish between static and dynamic economic models.

Or

(b) Why is 'what to produce' a problem in every economy? Explain.

12. (a) Briefly explain applications of compensated demand curve.

Or

(b) Give an account of the Slutsky's theorem.

13. (a) In terms of 'labour' and 'land', what does the law of diminishing returns state?

Or

(b) Write a note on Cobb-Douglas production function.

14. (a) Explain in brief about Bertrand duopoly model.

Or

(b) Give a brief account of bi-lateral monopoly.

15. (a) Distinguish between collusive and non-collusive oligopoly.

Or

(b) Write a note on price and output determination under oligopoly market.

F-2825

Part C (3 × 10 = 30)

Answer any **three** questions.

16. 'Economics is the study about ends scarce resources.'- Discuss.

17. Discuss the risk and uncertainty involved in consumer's choices.

18. Discuss the relationship between the quantity of fixed inputs used and short-run level of output. Give examples of fixed and variable factors in the short-run.

19. Does the perfect competition exist in the real world and why do we study the perfectly competitive model? - Discuss.

20. Discuss the Baumol's sales revenue maximization model.

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F-2825

F-2826

Sub. Code
7MEC1C2

M.A DEGREE EXAMINATION, NOVEMBER 2019

First Semester

Economics

MACRO ECONOMICS - I

(CBCS – 2017onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. What is macro economics?

2. Define balance of payments accounting.

3. What do you mean by Unemployment?

4. What is aggregate demand?

5. What is absolute income?

6. Define autonomous investment.

7. What is exchange rate?

8. Define balance of payments.

9. What are the principles of neo classical theory of macroeconomics?

10. Write a short note on Arrow's social choice.

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the different forms of national income accounting.

Or

(b) Briefly explain the various methods of computing national income.

12. (a) What are the types of unemployment? Explain.

Or

(b) How to calculate the full employment equation? Explain.

13. (a) Describe the Kenesian psychological law of consumption.

Or

(b) Explain the concept of super multiplier.

14. (a) Give an outlook of the theory of rational expectation.

Or

(b) What is the significance of IS-LM curve? Explain.

15. (a) Briefly explain the arrow's theory of social choice.

Or

(b) Explain the Kaleecki's theory of income distribution.

2 **F-2826**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Discuss the different forms of national income accounting in India.

17. Critically examine the Keynesian theory of employment with diagram.

18. Describe the Friedman's permanent income hypothesis.

19. Discuss the neo classical critique of micro foundation.

20. Critically examine the Sylos-Lobini's model.

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F-2826

F-2827

Sub. Code
7MEC1C3

M.A DEGREE EXAMINATION, NOVEMBER 2019

First Semester

Economics

MONETARY ECONOMICS

(CBCS – 2017onwards)

Time: 3 Hours   Maximum: 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1.   What is monetary economics?

2.   Define money.

3.   What is demand for money?

4.   What is speculative demand for money?

5.   Write a short note on non-banking financial intermediaries.

6.   What is neutrality of money?

7.   What is monetary policy?

8.   Define cost-pull inflation.

9.   Write a short note on monetary reforms.

10. What is demonetization?

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Briefly explain the defects of barter system.

Or

(b) Explain the evolution of money.

12. (a) Give an account of the determinants of money supply.

Or

(b) Briefly explain Baumol's theory of transaction demand for money.

13. (a) Explain the functions of Financial Intermediaries.

Or

(b) Explain the neutrality of money and non- neutrality of money.

14. (a) List out the impact of inflation in India.

Or

(b) Explain the evaluation of monetary policy of the RBI.

15. (a) Compare the objectives and methods of monetary policy.

Or

(b) What are the implications of 2016 demonetization?

2 **F-2827**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Discuss the role of money in Keynesian model.

17. Critically examine the Tobin's theory of speculative demand for money.

18. Describe the supply of money in an economy and its components.

19. Briefly discuss the market- power theory of inflation.

20. Discuss the functions and objectives of IMF and World bank.

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F-2827

F–2828	Sub. Code
	7MEC1C4

M.A. DEGREE EXAMINATION, NOVEMBER 2019

First Semester

Economics

MATHEMATICAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1. Define Econometrics.

2. What is mathematical economics?

3. Find elasticity of demand when demand function p is 6 $DF : 9p + 20$.

4. Compute marginal utility for total utility function $U = 9x^3 - 7x^2 - 3x + 3$.

5. Find the marginal cost for the total cost function. $C = 3x^4 - 4x^3 + 2x^2 - 9x$.

6. Define equation of production function.

7. What is market?

8. Define monopoly.

9. Mention any two assumptions of input -output analysis.

10. What is linear programming?

Part B $(5 \times 5 = 25)$

Answer **all** questions, choosing either (a) or (b).

11. (a) Examine the importance of mathematics in economics.

Or

(b) Distinguish between mathematics and econometrics.

12. (a) Demand function $Q = 200 - 4P$ find elasticity of demand.

Or

(b) Explain in difference curve.

13. (a) Compute marginal production fraction for the production fraction $P = x^3 = 7x^2 - 12x + 46$.

Or

(b) The demand and cost function of a monopolistic firm are:
$P = 11100 - 30q : TC = 4,00,000 + 300q - 30q^2 + q^3$
What is short-run equilibrium price and output?

14. (a) If the demand function and supply function are given $D = P + 12$ and $S = 2p + 6$, find price of equilibrium output.

Or

(b) Explain disseminating monopolist competition.

15. (a) Explain open and closed model with an example.

Or

(b) What are the assumptions of linear programming?

2   **F–2828**

Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16. Discuss the nature of mathematical economics usage in economic theory

17. Given the utility function $U = x^2 + 3xy - 5y^2$ price of commodity y is Rs. 3 and consumer's money income Rs. 6, find out the equilibrium level of consumption of commodity x and y.

18. Discuss Cobb-Douglas production function.

19. Monopolists are the price markers-Discuss.

20. Test whether $A = \begin{bmatrix} 0.8 & 0.2 \\ 0.9 & 0.7 \end{bmatrix}$ satisfies the Hawkins-Simons conditions.

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F–2829	Sub. Code
	7MEC1E1

M.A. DEGREE EXAMINATION, NOVEMBER 2019

First Semester

Economics

Elective – ENVIRONMENTAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1.   Define Environmental economics.

2.   What is Aquatic Ecosystem?

3.   What is Land pollution?

4.   What are Urban Environmental issues?

5.   Define Market failure.

6.   What is External cost?

7.   What is Acid rain?

8.   Define Travel cost.

9.   Define Water act 1974.

10.   Define Indian Environmental policy 1992.

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the scope and need of Environment Economics.

Or

(b) Give an account of the concepts in Environment Economics.

12. (a) Explain the global warming as an environmental problem.

Or

(b) Analyse the issues related to industrial pollution in Tamil Nadu.

13. (a) What do you mean by externality and what are its types with suitable example.

Or

(b) Explain the public goods with example.

14. (a) Write a note on the environment and social efficiency.

Or

(b) Explain the contingent valuation method.

15. (a) State the objective of national Environmental policy

Or

(b) Explain the Environmental protection Laws in India.

2   **F–2829**

Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16. Discuss the major environmental issues faced by the developed and developing economics.

17. Discuss the different types, causes and effects of pollution.

18. Discuss the Coase-theorem in establishing property rights.

19. Discuss the climate change and its impact on environment caused by pollution.

20. Discuss the international environmental policies of India.

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F–2830	Sub. Code
	7MEC2C1

M.A DEGREE EXAMINATION, NOVEMBER 2019

Second Semester

Economics

MICRO ECONOMICS-II

(CBCS – 2017 onwards)

Time : 3 Hours　　　　　　　　　Maximum : 75 Marks

Part A　　　　　　(10 × 2 = 20)

Answer **all** questions.

1.　What is managerial discretion?

2.　Define firm.

3.　Define imperfect competition.

4.　What do you mean by interest?

5.　What is distribution?

6.　Explain factor market.

7.　Write a short note on social welfare function.

8.　What is pareto optimality?

9.　What do you mean by optimum welfare?

10.　Define market failure.

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Briefly explain the Hall and Hitch report of firm.

Or

(b) Explain the Behavioral model of the firm.

12. (a) Explain the Fellner's approach of factor pricing.

Or

(b) Explain the lonable fund theory of distribution.

13. (a) Explain the neo-classical theory of distribution.

Or

(b) Explain the Maxian theory of distribution.

14. (a) Briefly explain the marginal condition of pareto optimality.

Or

(b) Explain the compensation principle of welfare economics.

15. (a) Explain the Rawl's theory of justice.

Or

(b) Examine the Arrow's Impossibility theory.

2 **F–2830**

Part C   (3 × 10 = 30)

Answer any **three** questions.

16. Critically examine Williamson's' model of managerial. discretion.

17. Critically examine the Ricardian theory of rent with diagram.

18. Examine the Euler's theory of product exhaustion.

19. Does perfect competition always ensure pareto optimality of welfare? Explain

20. Critically examine the theory of second best.

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3   **F–2830**

F–2831	Sub. Code
	7MEC2C2

M.A DEGREE EXAMINATION, NOVEMBER 2019

Second Semester

Economics

MACRO ECONOMICS-II

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. Define Money.

2. What is multiplier?

3. What is Inflation?

4. Define Trade cycle.

5. Define aggregate supply.

6. What is the rate of money wage changes?

7. What is monetary policy?

8. Define exchange rate.

9. Define uncertainty.

10. What is crowding out effect?

Part B (5 × 5 = 25)

Answer **all qu**estions, choosing either (a) or (b).

11. (a) Explain the importance of multiplier process.

Or

(b) What are the factor affecting 'H'-Explain.

12. (a) Explain the theories of trade cycles.

Or

(b) Explain the phillips curve analysis.

13. (a) Examine the Tobins Modified phillips curve.

Or

(b) Explain the Aggregate supply curve.

14. (a) Explain the importance of fiscal policy.

Or

(b) Explain the significance of flexible exchange rates.

15. (a) Explain the stable policy setting.

Or

(b) Explain the role of expectation.

Part C (3 × 10 = 30)

Answer any **THREE** questions.

16. Discuss the determinants of the money multiplier.

17. Distinguish between short term and long term trade cycle.

2 **F-2831**

18. Discuss the shifting of short- run phillips curve.

19. Briefly explain the Austrian critique of keynesian economics.

20. Discuss the importance of portfolio approach.

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M.A DEGREE EXAMINATION, NOVEMBER 2019

Second Semester

Economics

PUBLIC ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   What is public goods?

2.   What do you mean by socialist economy?

3.   What is taxable capacity?

4.   What is value added tax?

5.   What is meant by value judgement?

6.   State any two effects of public expenditure.

7.   What is public debt management?

8.   What is public borrowings?

9.   What is performance budget?

10.   What is fiscalism?

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write a short note on private goods.

Or

(b) Explain the need for government activity in a capitalist economy.

12. (a) Explain the Lindal's model of benefit theory.

Or

(b) Explain the effects of taxation.

13. (a) Explain the classification of public expenditure.

Or

(b) Write a short note on maximum social advantage.

14. (a) Explain the effects of public debt.

Or

(b) Explain the method of repayment of public debt.

15. (a) Explain the current union budget.

Or

(b) What are the objectives of fiscal policy?

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Explain the role of public sector in social economy.

17. Explain the ability to pay theory in detail.

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18. Briefly explain the reason for the growth of public expenditure.

19. Briefly explain the problem and burden of public debt.

20. Explain budgetary deficit and its implications.

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3   **F–2832**

F–2833	Sub. Code
	7MEC2C4

M.A. DEGREE EXAMINATION, NOVEMBER 2019

Second Semester

Economics

STATISTICAL METHODS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. Write a short note on Kurtosis.

2. Describe co-efficient of variance.

3. Write a short on probability distribution.

4. Define Poisson distribution.

5. Define standard error.

6. Define one tail and two tailed test.

7. What do you meant by time series?

8. Define Index number.

9. What is a seasonal and cyclical component?

10. List out any two advantages of maximum likelihood methods.

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Find the standard deviation for the following data

17, 13, 15, 17, 25, 21, 23.

Or

(b) State the empirical relationship between mean, median and mode.

12. (a) For a normal distribution with a mean of $\mu = 80$ and SD of $\sigma = 20$, find the proportion of population corresponding to each of the following scores:

(i) Scores greater than 85,

(ii) Scores less than 70.

Or

(b) Explain the properties of Binomial distribution.

13. (a) Describe the properties of a good estimator.

Or

(b) Compute the expected frequencies and determine the value for degrees of freedom for the chi-square test for the following data:

	Low	Moderate	High
Male	21	33	26
Female	19	67	34

2 **F–2833**

14. (a) Explain the characteristics of Index number. Explain.

Or

(b) Draw the trend line by the method of semi-averages for the following data

Years	Production (million tonnes)	Year	Production (million tonnes)
1960	100	1964	108
1961	120	1965	102
1962	95	1966	112
1963	105		

15. (a) Explain the method of ordinary least square in regression.

Or

(b) Formulate the regression equation for the following data.

Mean X = 78   Mean Y = 60

S.D. = 5.2   S.D. = 4.8   r = 0.40

Part C   (3 × 10 = 30)

Answer any **three** questions.

16. Calculate the standard deviation and co-efficient of variation of the following distribution

Age :	20-25	25-30	30-35	35-40	40-45	45-50
No of persons :	170	110	80	45	40	35

17. What is distribution? Compare any two types of distribution and properties.

3   **F–2833**

18. What is correlation? Calculate the correlation co-efficient for the following data

X : 10 7 8 5 9 4 6

Y : 8 6 9 4 7 5 6

19. Analyse the problems in the construction of index numbers.

20. Briefly explain the Simple Linear Regression with examples.

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F–2834	Sub. Code
	7MEC2E1

M.A. DEGREE EXAMINATION, NOVEMBER 2019

Second Semester

Economics

Elective — COMPUTER APPLICATION IN ECONOMIC ANALYSIS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   What is an operation system?

2.   What is a Tool bar?

3.   Define a database.

4.   What is a folder?

5.   What do you mean by Label?

6.   What is Coding?

7.   What is Frequency?

8.   Define Statistics.

9.   Define Chi-square.

10. What is a pie chart?

Part B   (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) How to insert a table in Excel?

Or

(b) How to export a file to Ms-Excel?

12. (a) List out the steps followed data listing.

Or

(b) What do you mean by Reading a database?

13. (a) Discuss the need and use of labels in SPSS?

Or

(b) What are the steps involved in preparation of code book?

14. (a) Explain the need and uses of cross tabulation.

Or

(b) State the properties of correlation coefficient.

15. (a) What are the merits and demerits of flow chart?

Or

(b) How to create and edit a graph in Ms-Excel?

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Part C (3 × 10 = 30)

Answer any **three** questions.

16. Explain how to process a data using MS-Excel.

17. What is the role of SPSS in processing a data for research?

18. What is a variable? Explain its importance and types in detail.

19. Explain the Regression with an example.

20. Discuss the role of bar diagram, line graph, pie chart, scatter diagram and Histogram in social science research.

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Sub. Code
7MEC2E2

M.A. DEGREE EXAMINATION, NOVEMBER 2019

Second Semester

Economics

Elective – ECONOMICS OF HUMAN RESOURCE

(CBCS – 2017onwards)

Time: 3 Hours　　　　　　　　Maximum: 75 Marks

Part A　　　　　$(10 \times 2 = 20)$

Answer **all** questions.

1. What is physical capital?

2. Define human capital.

3. Expand and define HDI.

4. Define Gender Development Index.

5. What is the meaning of industrial dispute?

6. Define Trade Union.

7. Define Brain Drain.

8. What is migration?

9. What is meant by inequality?

10. Define industrial productivity.

Part B   (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the difference between human capital and physical capital.

Or

(b) Explain the intersectional linkages of HRD.

12. (a) Explain the role of education in economic development.

Or

(b) Explain the component of human capital investment in human resource.

13. (a) What are the methods of human capital formation?

Or

(b) Explain Human Population Index and Gender Development Index.

14. (a) Explain the role of health ,nutrition and training in the formation of human capital.

Or

(b) Define the role of human resource development in the modern movement of India.

15. (a) Explain the methods of settlement of industrial disputes.

Or

(b) Explain the role of labour participation in management.

2   **F-2835**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. What is trade union? Explain the various social security and labour welfare measures adopted by the government.

17. Write in detail about the various policies and issues in HRD.

18. Explain different theories of inequality.

19. Explain Recent Development in Education Sector.

20. Explain Brain Drain Theory given by Dadabhai Naoroji.

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F-2835

F-2836	Sub. Code
	7MEC3C1

M.A DEGREE EXAMINATION, NOVEMBER 2019

Third Semester

Economics

AGRICULTURAL ECONOMICS

(CBCS – 2017 onwards)

Time: 3 Hours   Maximum: 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. What is the Importance for Agriculture for Industrial development?

2. What do you mean by terms of trade?

3. Write short note on Green Revolution.

4. What do you mean by Organic farming?

5. Define Food security.

6. What is cropping pattern?

7. What are the main objectives of "GATT"?

8. Define Agricultural Credit.

9. What is Procurement Price?

10. Write a short note on crop insurance?

Part B   (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the role of agriculture in Indian economy.

Or

(b) Explain the major factors determining the sectoral linkages between agriculture and industry.

12. (a) What are the advantages of Green Revolution?

Or

(b) Briefly discuss Corporate Farming.

13. (a) Explain the Food policy in India.

Or

(b) Examine the Cropping Pattern in Indian agriculture.

14. (a) State the main functions of NABARD.

Or

(b) Explain the Classification of Agricultural Credit.

15. (a) Explain the importance of Crop Insurance in agricultural development.

Or

(b) Explain the main objectives of supportive price in India.

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Part C   (3 × 10 = 30)

Answer any **three** questions.

16.   Discuss the importance of Agriculture in India.

17.   Examine the causes for subdivision and fragmentation of land holding pattern.

18.   Public Distribution System(PDS) system in India eradicates poverty in rural- discuss.

19.   Discuss the impact of "WTO" in Indian agriculture.

20.   Examine the Agriculture price policy of India.

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3   **F-2836**

F–2837	Sub. Code
	7MEC3C2

M.A DEGREE EXAMINATION, NOVEMBER 2019

Third Semester

Economics

INDUSTRIAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1. What is industrial development?

2. What is social change?

3. What do you mean by backward districts?

4. What is pull factor?

5. What is industrial productivity?

6. What is meant by capitalist economy?

7. What is capacity utilization?

8. Define public sector.

9. What is scientific management?

10. What is rationalization?

Part B $(5 \times 5 = 25)$

Answer **all qu**estions, choosing either (a) or (b).

11. (a) What are the factors for rapid industrialization?

Or

(b) Explain the linkages between foreign trade and industrialisation.

12. (a) Explain the approached for the development of backward districts.

Or

(b) Explain the economics factors for industrial location.

13. (a) What are the factors influencing labour productivity?

Or

(b) Write a short note on quality control.

14. (a) What are the factors responsible for industrial sickness?

Or

(b) Write a short note on foreign investment.

15. (a) Write the importance of rationalization?

Or

(b) What are the technical objects of rationalization?

2   **F–2837**

Part C (3 × 10 = 30)

Answer any **THREE** questions.

16. Briefly explain the factor inhibiting industrialization.

17. Discuss the Sargent Florence's inductive analysis.

18. Discuss the productivity trend in India.

19. Describe the various sources of finance for industrial growth.

20. Describe the rationalization of industries in India.

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3 **F–2837**

F–2838	Sub. Code
	7MEC3C3

M.A DEGREE EXAMINATION, NOVEMBER 2019

Third Semester

Economics

INTERNATIONAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A $(10 \times 2 = 20)$

Answer **all** questions.

1.   Define international trade.

2.   What is meant by factor abundance?

3.   What is offer curve?

4.   What are the net barter terms of trade?

5.   Define hedging.

6.   What is arbitrage?

7.   Expand GATT.

8.   What do you mean by Euro Dollar Market?

9.   What is optimum tariff?

10. Expand MNC.

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write short note on importance of the study of international trade.

Or

(b) Explain the classical theory of Mill's international trade.

12. (a) Distinguish between statistic and dynamic economic growth.

Or

(b) Narrate the factors determining terms of trade.

13. (a) State and explain the foreign trade multiplier.

Or

(b) Explain the monetary and non monetary measure in balance of payment.

14. (a) Give an account of the significance of foreign aid in developing counties.

Or

(b) Write a note the new international economic order.

15. (a) Analyse the merits and demerits of quota as a method of protection.

Or

(b) Briefly explain the recent in international trade with regard to India.

2   **F–2838**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Discuss the superiority of the Hecksher-Ohlin's theory over the classical theory of comparative cost.

17. Discuss the theory of immiserising growth. Indicate the causes of this phenomenon.

18. Elucidate the balance of payment theory of exchange rate determination.

19. Discuss the significance of international monetary system and problems of it.

20. Evaluate the role of FDI and FII in accelerating India's economic growth.

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F–2839	Sub. Code
	7MEC3C4

M.A DEGREE EXAMINATION, NOVEMBER 2019

Third Semester

Economics

ECONOMETRIC METHODS

(CBCS – 2017 onwards)

Time : 3 Hours　　　　　　　　Maximum : 75 Marks

Part A　　　　　　$(10 \times 2 = 20)$

Answer **all** questions.

1. What is econometrics?

2. What is econometrics model?

3. What is regression?

4. What do you mean by the term linear?

5. What is 'F' static?

6. What is adjusted R^2?

7. What is multicolinearity?

8. What is homoscedasticity?

9. What do you mean by dummy variable?

10. What is cross section data?

Part B $(5 \times 5 = 25)$

Answer **all** questions, choosing either (a) or (b).

11. (a) What are the goals of econometric?

Or

(b) How does econometrics deviate from mathematics?

12. (a) Explain the importance of BLU properties.

Or

(b) Estimate the demand curve from the following data.

Price (X)	56	42	72	36	63	47
Sales (Y)	147	125	160	118	149	128
Price (X)	55	49	38	42	68	60
Sales (Y)	150	145	115	140	152	155

13. (a) Explain the statistical properties of the estimate β_0, β_1 and β_2.

Or

(b) Explain the importance of goodness of fit.

14. (a) Explain the problem of autocorrelation.

Or

(b) Explain the causes for multicolinearity.

15. (a) Explain the nature of dummy variable.

Or

(b) Explain the regression on one quantity variable.

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Part C $(3 \times 10 = 30)$

Answer any **three** questions.

16. Explain the methodology of econometrics.

17. Explain the stochastic assumptions of OLS.

18. Find the multiple linear regression equation x_1 on x_2 and x_3 from the following data for the three variables given below.

$$X_1 : \quad 4 \quad 6 \quad 7 \quad 9 \quad 13 \quad 15$$

$$X_2 : \quad 15 \quad 12 \quad 8 \quad 6 \quad 4 \quad 3$$

$$X_3 : \quad 30 \quad 24 \quad 20 \quad 14 \quad 10 \quad 4$$

19. Explain the causes, consequences and remedial measures to autocorrelation.

20. Explain the uses of dummy variable in regression analysis.

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	7MEC3E1

M.A DEGREE EXAMINATION, NOVEMBER 2019

Third Semester

Economics

Elective- FINANCIAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** the questions.

1. What is capital market?

2. State any two functions of SEBI.

3. What is primary market?

4. What do you mean by domestic savings?

5. Define financial derivatives.

6. Write any two features of financial derivatives.

7. What do you mean by stock market volatility?

8. What do you mean by liquidity?

9. What is capital issues?

10. What do you mean by ownership pattern?

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the structure of capital market.

Or

(b) Write a short notes on SEBI.

12. (a) What are the functions of NIM?

Or

(b) Explain the factor investment in NIM.

13. (a) What are the components of financial derivatives?

Or

(b) Explain the need for financial derivatives.

14. (a) What are the causes of stock price volatility?

Or

(b) Compare the stock market volatility of NSE and BSE.

15. (a) Explain the distribution of capital issues by types of issues.

Or

(b) Explain the industry-wise analysis of capital issues.

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Part C (3 × 10 = 30)

Answer any **three** questions.

16. Briefly explain players in the capital market.

17. Explain the development in the secondary market.

18. Explain the development of derivatives markets in India.

19. Explain the theoretical relationship between volatility and liquidity and its role in the Indian stock market.

20. Briefly explain the trends and pattern of Euro issues.

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