

**R5779**

**Sub. Code**

**455101**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Economics**

**MICRO ECONOMICS–I**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

1. Define “Cardinal Utility”.
2. What is Substitution Effect?
3. What do you mean by cost function?
4. Define “Elasticity of Substitution”
5. What do you understand by monopsony?
6. What do you mean by oligopoly?
7. Write a short note of economy pricing
8. What is skimming pricing?
9. What is limit pricing?
10. Give any two properties of indifferent curve.

**Part B**

(5 × 5 = 25)

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

11. (a) Describe the salient features of perfect competition.

Or

- (b) Explain how equilibrium price is determined under monopolistic competition.

12. (a) Derive the expansion path for a firm operating with the Cobb-Douglas Production Function.

Or

- (b) Explain the CES Production Function.

13. (a) Differentiate between income effect and substitution effect.

Or

- (b) State and examine the properties of indifference curve.

14. (a) Argue the advantages and disadvantages of peak load pricing.

Or

- (b) What is bundle pricing and why should it be used?

15. (a) Explain the behavioural theory of firm.

Or

- (b) Explain the Marris model of managerial enterprise.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the revealed preference theory.
  17. Illustrate the law of variable proposition.
  18. Describe the efficiency loss in monopoly market.
  19. Distinguish between costs based pricing and cost plus pricing?
  20. Critically examine the sales and revenue maximization theory.
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**R5780**

**Sub. Code**

**455102**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Economics**

**MACRO ECONOMICS-I**

**(CBCS – 2019 onwards)**

Time : Three Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

1. What are the methods of measurement of National Income?
2. Point out any two difficulties in the measurement of National Income
3. Distinguish between Open and Closed economy
4. What is MEI?
5. What do you mean by Investment Multiplier?
6. What does Accelerator mean?
7. Draw the IS and LM curve
8. What does Phillips Curve denote?
9. Define Supply Side Economics
10. What do you mean by burden of Government regulations?

**Part B**

(5 × 5 = 25)

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

11. (a) Explain the Income method of National Income Enumeration.

Or

- (b) Describe the different concepts of National Income

12. (a) What are the criticisms against Classical theory of Employment?

Or

- (b) Explain the income determination in an open economy

13. (a) Depict the lags in investment concept

Or

- (b) Explain the working of Super Multiplier

14. (a) Write a note on Rational Expectational theory.

Or

- (b) Define IS curve and Give its Properties.

15. (a) Explain the Laffer Curve.

Or

- (b) Write a note on Reagan economics.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain Circular Flow of Income with Two, Three and Four Sector Models.
  17. Illustrate the Keynesian Psychological Law of Consumption.
  18. Explain in detail the Duesenberry's Financial Theory of Investment
  19. Discuss the general equilibrium in the product and money markets with the help of IS - LM functions
  20. Elucidate the Pros and Cons of Supply Side Economics
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**R5781**

**Sub. Code**

**455103**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Economics**

**STATISTICAL ANALYSIS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define “Mode.”
2. Define Poisson distribution.
3. What is multistage sampling?
4. What is type II error?
5. What is ANOVA?
6. State the Principle of Least Squares.
7. Distinguish between partial and multiple correlations.
8. State any two uses of  $\chi^2$ -test.
9. What do you mean by SPSS?
10. What is growth rate?

**Part B**

(5 × 5 = 25)

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

11. (a) Calculate the standard deviation from the following data:

Size	Frequency
6	7
9	12
12	19
15	10
18	2

Or

- (b) Distinguish between positive correlation and negative correlation.
12. (a) From the following table showing the wage distribution determine the mean wage.

Weekly wage (Rs.)	Number of employees
120-140	8
140-160	12
160-180	20
180-200	30
200-220	40

Or

- (b) Bring out the merits of sampling technique.
13. (a) What are the features of regression coefficients?

Or

- (b) Explain the method of moving average.



14. (a) What are the properties of estimators?

Or

(b) Explain the importance of diagrammatic presentation in statistics.

15. (a) A bag contains 7 red, 12 white and 4 green balls. What is the probability that: (i) 3 balls drawn are all white and (ii) 3 balls drawn are one of each colour?

Or

(b) Discuss the nature and scope of statistics.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Find two regression equations from the following data.

X: 58 55 58 58 57 56 60 64 69 57

Y: 68 67 67 70 65 68 70 66 68 66

17. Calculate Quartile deviation and its coefficient from the following data:

Age:	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of Members :	3	61	132	153	140	51	2

18. From the following data find the value of median.

Income (Rs.) : 1000 1500 8000 2000 2500 1800

Number of profit: 24 26 16 20 6 30

19. Explain the properties of normal distribution.

20. Analyse the methods of calculation of standard deviation.

**R5782**

**Sub. Code**

**455104**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Economics**

**DYNAMICS OF RURAL DEVELOPMENT**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Rural Market.
2. What are the objectives of Rural Development?
3. What is Trickle-down Theory?
4. What do you mean by Balanced Growth Theory?
5. Write a short note on Integrated Rural Development Programme (IRDP)
6. Define NMBS.
7. What are the different types of NGO?
8. List out any two guidelines for Voluntary Organisations?
9. Define Peoples' Participation.
10. What do you mean by Social Capital?

**Part B**

(5 × 5 = 25)

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

11. (a) Describe the importance of Rural Development in the Indian context.

Or

- (b) Write a short note on Rural Electrification in India.

12. (a) Discuss the theory of Unbalanced Growth.

Or

- (b) Explain the Lewis Theory of Surplus Labour?

13. (a) Bring out salient features of DWRCA.

Or

- (b) Discuss briefly the importance of NFBS programme.

14. (a) Explain the role of Voluntary Organisations in Rural Development.

Or

- (b) Explain the different types of NGOs.

15. (a) Discuss the significance of Participatory Development.

Or

- (b) Explain Participatory Demand Driven Approach.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain the role of social capital in rural development.
17. Discuss the various problems faced by the NGOs.

18. Explain in detail the following: (a) SGSY (b) SGRY
  19. Discuss in detail the consequences of Rural Poverty.
  20. Explain the scope and importance of Rural Development.
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**R5783**

**Sub. Code**

**455501**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Economics**

**COMPUTER APPLICATION FOR DATA ANALYSIS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is meant by operating system?
2. What is internet?
3. What do you understand by MS-Office
4. Define 'Animation'
5. What is MOA?
6. Define 'Coding'
7. What is MS-Excel?
8. What do you mean by S.D ?
9. Define 'SPSS'
10. What is data analysis ?

**Part B**

(5 × 5 = 25)

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

11. (a) Discuss about the internet using proxy server.

Or

- (b) Describe the various operating systems and their advantages

12. (a) What are the basic methods of storing the information?

Or

- (b) What is the purpose of links?

13. (a) Discuss about the following term uses: (i) EDIT (ii) PASTE (iii) COPY

Or

- (b) Describe the different types of application and system softwares and their uses

14. (a) Give a note on text formatting tags.

Or

- (b) Explain how a table is created.

15. (a) What are the additional features in power point XP?

Or

- (b) Explain about cascade style sheet.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Explain in detail the history and overview of computers.

17. Explain in detail the sorting and filtering data in excel.

18. Discuss the importing and exporting data.
  19. Explain in detail about the SPSS.
  20. Explain in detail about E-mail basics.
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**R5784**

**Sub. Code**

**455301**

**M.A. DEGREE EXAMINATION, NOVEMBER 2021**

**Third Semester**

**Economics**

**PUBLIC FINANCE - I**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. Define Public Finance.
2. List out any two sources of public revenue.
3. State the tax revenue.
4. What is incidence of tax?
5. Define public expenditure.
6. Mention any two canons of public expenditure.
7. What is Decentralization?
8. Define fiscal imbalance.
9. State the deficit financing.
10. Mention any two dissimilarities between public and private debt.



**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Write a note on the scope of public finance.

Or

- (b) What is government intervention? Why government intervention is good for the economy?

12. (a) What are the characteristics of good tax system?

Or

- (b) Show the various determinants of taxable capacity,

13. (a) Describe the reasons for the growth of public expenditure in India.

Or

- (b) Bring out the cost benefit analysis on public expenditure.

14. (a) Enumerate the problems in allocation of expenditure in federal system.

Or

- (b) Explain various tiers of resources allocation to governments.

15. (a) What are the principles of public debt management?

Or

- (b) Bring out the pattern of deficit financing

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Examine the Musgrave's major functions of government.
  17. Discuss the Bowen and Lindhal models of tax burden distribution.
  18. Critically examine the Simuelson's view on public goods.
  19. Bring out the detailed argument regarding the positive and negative aspects of Centralization of tax revenue.
  20. Discuss the importance of external debt as a source of finance for the rapid economic development of India.
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**R5785**

**Sub. Code**

**455302**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2021.**

**Third Semester**

**Economics**

**DEVELOPMENT ECONOMICS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. Define economic growth.
2. State two essential features of underdevelopment.
3. Define 'Big Push' concept?
4. List out any two assumptions of Harrod-Domar models.
5. What is equilibrium trap?
6. Define capital formation.
7. What is economic planning?
8. Mention any two conditions of linear programming technique.
9. What are components of the economic policy - 1991?
10. Expand the term PURA.

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) What are the factors determining economic development?

Or

- (b) Write a note on growth and development

12. (a) Explain the Hirschman's strategy of unbalanced growth.

Or

- (b) Write a short note on Mahalanobis two sector model.

13. (a) Illustrate the Rostow's stages of economic growth.

Or

- (b) Describe the main features of Dixit and Margin model.

14. (a) Explain the various types of planning.

Or

- (b) Point out the limitations of input-output analysis.

15. (a) What were the objectives of industrial policy - 1991?

Or

- (b) Interpret the importance of Farm Bills 2020 in India.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Examine the major obstacles in the way of economic development.
  17. Discuss the Nurkse's theory of disguised unemployment and its limitation.
  18. Critically examine the Fei-Rani's theory of economic development.
  19. Make a critical assessment of George Dantzig linear programming technique.
  20. Explain the various instruments of fiscal and monetary policy in India.
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**R5786**

**Sub. Code**

**455303**

**M.A. DEGREE EXAMINATION, NOVEMBER 2021.**

**Third Semester**

**Economics**

**RESEARCH METHODOLOGY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. Define scientific research.
2. What is qualitative research?
3. What is research problem?
4. Define hypothesis.
5. List out any two components of research design.
6. Define research design.
7. What is primary data?
8. Why tabulation is considered essential in a research study?
9. What is endnote?
10. What is bibliography?

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Explain the major objectives of scientific research.  
Or  
(b) Explain the use of theory and facts in research method.
12. (a) Differentiate between the independent and dependent variables.  
Or  
(b) Review of literature use as a source of research problem – Discuss.
13. (a) Write a note on experimental methods of research.  
Or  
(b) Explain how the importances of case study method in a social science research?
14. (a) Bring out the importance of pilot study during a research.  
Or  
(b) Describe the bivariate and multivariate analysis.
15. (a) What are the importances of proof checking in a research report?  
Or  
(b) Explain the different steps involved in writing a research report.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Examine the different steps involved in a research process.
  17. Explore how to conduct a literature review during a research.
  18. Analyse the different types of research design.
  19. Discuss the different methods of primary data collection in research.
  20. Explain the layout of the research report writing
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**R5787**

**Sub. Code**

**455304**

**M.A. DEGREE EXAMINATION, NOVEMBER 2021.**

**Third Semester**

**Economics**

**INTERNATIONAL ECONOMICS - I**

**(CBCS – 2019 onwards)**

Time : Three Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Offer curve.
2. Narrate the Leontief paradox.
3. What is terms of trade?
4. What are the components of foreign direct investment?
5. What is meant by technical gap?
6. Define New International Economic order.
7. Define Balance of payment.
8. List out the determinants of foreign trade multiplier.
9. What is favourable balance of trade?
10. Define Exchange control.

**Part B**

(5 × 5 = 25)

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

11. (a) Explain Adam Smith's theory of Absolute cost advantage.

Or

- (b) How is H-O Theorem superior to the classical theory?

12. (a) Write a note on factor of intensity reversal.

Or

- (b) What are the merits and demerits of foreign Aid?

13. (a) Explain the product cycle theory of international trade.

Or

- (b) What are the arguments for protection?

14. (a) Explain purchasing power parity theory.

Or

- (b) Differentiate balance of Trade from BOP.

15. (a) What are the trade control measures?

Or

- (b) Explain the term immiserizing growth?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. What are the community indifference curves? Explain their uses in international trade.
  17. What is meant by Terms of Trade? Discuss the factors which determine terms of trade.
  18. Discuss Technology Gap Theory.
  19. Highlight the limitations of the theory of foreign trade multiplier.
  20. Discuss the factors that determine terms of trade.
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**R5788**

**Sub. Code**

**455503**

**M.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**Third Semester**

**Economics**

**MATHEMATICS FOR ECONOMICS ANALYSIS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Mention any two properties determinants.
2. Find the matrix shown below.
$$\begin{matrix} -3 & 1 & 0 \\ 3 & -3 & 4 \\ 7 & -9 & 0 \end{matrix}$$
3. Find the derivative of the given function.
4. Differentiate  $y = x(3x^2 - 9)$ .
5. Define Maxima and Minima.
6. What do you mean by profit maximization?
7. Define Simplex Method.
8. Define Producer's Surplus.
9. State the Indefinite Integrals.
10. What is the Linear Programming?

**Part B**

(5 × 5 = 25)

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

11. (a) Explain the Youngs theorem.

Or

- (b) Find the inverse of  $A = \begin{pmatrix} 2 & 1 & 1 \\ 3 & 2 & 1 \\ 2 & 1 & 2 \end{pmatrix}$ .

12. (a) Find the maximum and minimum value of the function  $f(x, y) = x^2 + y^2 + 6x + 12$ .

Or

- (b) Explain the dynamic model of input output system.

13. (a) Explain the production and cost analysis.

Or

- (b) Explain the Average cost and Revenues cost.

14. (a) Explain the first order and Second order condition. Give a suitable examples.

Or

- (b) What are the main properties of profit maximization?

15. Evaluate the given integral

(a)  $\int_1^4 2x^2 - x dx$ .

Or

(b)  $\int_{-1}^1 \frac{1}{1+x^2} dx$ .

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Use Crammerse rule to solve the system of equations.

$$X - Y + Z = 4$$

$$2X + Y + Z = 7$$

$$- X - 2Y + 2Z = -1$$

17. Discuss the application of LPP.

18. Find the maxima and minima for the function

$$U = x^3 - 3y^2 - 15x^2 - 15y^2 + 72x .$$

19. Explain the Consumers Surplus. Give a suitable examples.

20. Solve the following problem graphically

$$\text{Maximize } z = 3x_1 + 2x_2 + 5x_3$$

Subject to

$$x_1 + 2x_2 + x_3 \leq 430$$

$$3x_1 + 2x_3 \leq 460$$

$$x_1 + 4x_2 \leq 420$$

$$x_1, x_2, x_3 \geq 0 .$$

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