M.A. DEGREE EXAMINATION, APRIL 2023

Second Semester

Economics

PUBLIC ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours Maximum : 75 Marks

Part A (10 × 2 = 20)

Answer **all** the questions.

1. Define merit goods.

2. List out any two fiscal functions of the government.

3. Define GST.

4. What is a tax?

5. What are the efforts of public expenditure?

6. Define welfare judgement.

7. What do you mean by current debt?

8. Define public debt.

9. What is zero based budget?

10. Define budget.

Part B   (5 × 5 = 25)

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

11. (a) Discuss the role of government in a capitalist economy.

                   Or

    (b) Examine the fiscal functions of a government.

12. (a) Analyse the cost of service theory of tax.

                   Or

    (b) Explain the ability to pay theory of taxation.

13. (a) Discuss the Colin Clark in views on public expenditure.

                   Or

    (b) Explain Musgravian maximum social advantage?

14. (a) Explain the role of public debt in a developing economy.

                   Or

    (b) What are the methods of repayment of public debt?

15. (a) How local finance can be enhanced?

                   Or

    (b) Differentiate monetary policy with fiscal policy.

F–9311

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Write a note on the following

    (a) Private goods

    (b) Public goods

    (c) Merit goods

17. Discuss various theories of taxation.

18. Examine the reasons for the growth of public expenditure in India.

19. Discuss the classification, effects and repayment methods of public debt.

20. Analyse the components of 2020 budget.

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F–9311

F–9312	Sub. Code
	7MEC2C4

M.A. DEGREE EXAMINATION, APRIL 2023

Second Semester

Economics

STATISTICAL METHODS

(CBCS – 2017 onwards)

Time : 3 Hours Maximum : 75 Marks

Part A (10 × 2 = 20)

Answer **all** questions.

1. Define range.

2. What is median?

3. What is the probability of getting more than 2 when a die is tossed?

4. Define empirical probability.

5. Define critical region.

6. What is type I and type II error?

7. What is price index?

8. Define seasonal variation.

9. Define prediction interval.

10. Define regression line.

Part B (5 × 5 = 25)

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

11. (a) State the characteristics of arithmetic mean. How these characteristics affect various uses on the measures of central tendency.

Or

(b) The marks scored by 50 students in an examination paper are given below

30 45 48 55 39 25 31 12 18 21

54 59 51 33 43 44 10 38 19 26

47 35 37 41 46 33 51 37 58 58

17 19 23 26 29 38 57 36 35 44

43 27 31 43 22 31 47 34 18 15

Prepare a frequency table taking a class interval 10 and calculate the arithmetic mean.

12. (a) Describe the concept of probability and point out its role in business decision making.

Or

(b) The mean of binomial distribution is 20 and standard deviation is 4. Find out n, p and q.

13. (a) Comment briefly on the two terms, parameter and statistic used in sampling theory.

Or

(b) It is claimed that a random sample of 100 tyres with a mean life of 15269 km is drawn from a population of tyres. Which has a mean life of 15200 km and standard deviation of 1248 km. Test the validity of this claim.

F–9312

14. (a) Distinguish between Laspeyer's, Paasches's and Fisher's index number of prices.

Or

(b) Following are the group of index numbers and the group of weights of an average working-class family's budget. Construct the cost of living index number.

Group	food	fuel	cloth	rent	miscellaneous
Index number	352	220	230	160	190
Weight	48	10	8	12	15

15. (a) Demonstrate the meaning of regression coefficient and the regression lines.

Or

(b) Calculate the correlation and regression from the following data.

X	2	4	6	8	10	12	14
Y	4	2	5	10	4	11	12

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Compute standard deviation and mean deviation from the distributor given below

Class (X)	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency (F)	8	12	17	14	9	7	4

17. Discuss the chief properties of normal distribution. Why is this distribution given a central place in statistics?

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F–9312

18. Discuss the Chi- Square test of significance and state various uses to which it can be put.

19. Comment on the statement, "Laspeyre over estimates the price change while paasche underestimate them in general and hence fisher provides a better than both Laspeyer's and Paasche's.

20. Discuss the concept of regression and ratio of variation and state their utility in the field of economic consequences.

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F–9315	Sub. Code
	7MEC3C1

M.A. DEGREE EXAMINATION, APRIL 2023

Third Semester

Economics

AGRICULTURAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. What do you mean by Agro-based Industries?

2. List out any two inputs of agriculture.

3. What is Sub-division?

4. What do you mean by HYV?

5. What is IADP?

6. Define food security.

7. What is the difference between production and productivity?

8. Short note on WTO.

9. Agriculture Market.

10. Crop Insurance.

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

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

11. (a) Distinguish between agriculture and industry.

Or

(b) Bring out the importance of agriculture in Indian economy.

12. (a) Explain organic farming.

Or

(b) Classifications of irrigation schemes in India.

13. (a) Brief note on cropping pattern in India.

Or

(b) Distinguish between food security and food self-sufficiency in India.

14. (a) Explain the classification of agriculture credit.

Or

(b) List out the objectives of GATT.

15. (a) Explain objectives of agriculture price policy in India.

Or

(b) Brief note on crop insurance.

F–9315

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Discuss about the contribution of agriculture to Indian economic development.

17. Examine the agriculture development since Green Revolution.

18. Elaborate the Public Distribution System in Indian Economy.

19. Brief note on WTO in agriculture sector.

20. Instruments of Agriculture Price Policy in India — Discuss.

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F–9315

M.A. DEGREE EXAMINATION, APRIL 2023.

Third Semester

Economics

INDUSTRIAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1. Define social change.

2. What is industrial productivity?

3. What is industrial backwardness?

4. List out the economic factors which determine industrial sector.

5. Define labour productivity.

6. What is quality control?

7. Define joint venture.

8. What is globalization?

9. Define rationalization.

10. List out the benefits of rationalization.

Part B (5 × 5 = 25)

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

11. (a) How industrial promotion helps foreign trade?

    Or

    (b) How industrial development makes social change?

12. (a) Explain the technical factors responsible for industrial location.

    Or

    (b) What are the determinants of industrial location?

13. (a) Explain the alternative patterns of industrialization.

    Or

    (b) How labour productivity can be improved?

14. (a) Explain the role of village and small scale industries in economic development.

    Or

    (b) What are the factors responsible for industrial sickness?

15. (a) Briefly explain the financial management system of rationalization.

    Or

    (b) Which type of management is better for industrial development?

2 **F–9316**

Answer any **three** questions.

16. How employment level is being encouraged by industrialization?

17. Examine the economic theories of Industrial locations.

18. How do you increase the industrial labour productivities Discuss?

19. Elucidate the recent development in industrial promotions.

20. Why industrial management is necessary? Analyse the reasons for poor management.

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F–9316

M.A. DEGREE EXAMINATION, APRIL 2023.

Third Semester

Economics

INTERNATIONAL ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

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

Answer **all** questions.

1.   What is intra-regional trade?

2.   What is import?

3.   What is meant by restricted trade?

4.   What are gross barter terms of trade?

5.   What is spot market?

6.   Define flexible exchange rate.

7.   Name the official currencies of India and USA.

8.   Expand WTO.

9.   What is import quotas?

10. Expand FII.

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

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

11. (a)   Briefly explain the Comparative Cost Advantage
           Theory.

           Or

     (b)   List out the importance of international trade in the
           modern world.

12. (a)   Give an account about the gains from trade.

           Or

     (b)   State and explain the Hick's model of economic
           growth.

13. (a)   Describe in short about the foreign trade multiplier.

           Or

     (b)   Write a short note on role of trade in increasing
           national income.

14. (a)   Prepare a short note on Special Drawing Rights
           (SDR).

           Or

     (b)   Make short note about the regional integration for
           economic growth.

15. (a)   Describe the role of Multi National Corporations
           (MNC) in international trade.

           Or

     (b)   Explain in short about the recent reforms in
           international trade.

2   **F–9317**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Discuss about the opportunity cost theory by GottfriedHaberler.

17. 'The economic growth of a region is accelerated by the international trade'. — Evaluate.

18. Discuss various adjustment mechanisms to correct the disequilibrium in the BOP.

19. What is EEC? What are the objectives and aims of EU? Discuss BREXIT.

20. Expand IBSA. Which are the countries involved in this forum and discuss the objectives of the trilateral cooperation.

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M.A. DEGREE EXAMINATION, APRIL 2023.

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 applied econometrics?

2.   Define econometric model.

3.   What is regression?

4.   Define the term linear.

5.   What is R^2?

6.   Define multiple linear regression model.

7.   What is autocorrelation?

8.   Describe heteroscedasticity.

9.   What is dummy variable trap?

10.   Which is a pooled data?

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

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

11. (a) Differentiate mathematical model and econometric model.

Or

(b) What are the goals of econometrics?

12. (a) Distinguish correlation and regression.

Or

(b) Explain the linear and non linear relationships of a variable.

13. (a) How do you interpret multiple linear regression model?

Or

(b) Examine the importance R^2 in multiple linear regression models.

14. (a) Why multicollinearity arises? How do you solve it?

Or

(b) Explain the causes and consequences of heteroscedasticity.

15. (a) Is it possible to have qualitative independent variables for regression model?

Or

(b) Explain the nature of dummy variables.

F–9318

Answer any **three** questions.

16. What is econometrics? Explain the types and methodology of econometrics.

17. Examine the properties of OLS?

18. What is the importance of multiple linear regression model? How do you interpret a regression model?

19. What is autocorrelation, why it arises and how do you solve it?

20. How do you utilize the dummy variable in the seasonal Analysis? Explain with a simple example.

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F–9318

M.A. DEGREE EXAMINATION, APRIL 2023.

Third Semester

Economics

Elective: PROJECT APPRAISAL AND MANAGEMENT

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   Define Project.

2.   What is meant by Project Alignment?

3.   What do you mean by Project Identification?

4.   Define Responsibility Matrix.

5.   State the conventional methods of Project Appraisal.

6.   Define cost Benefit Ratio.

7.   State the meaning of Contingency Planning.

8.   What is Project Documentation?

9.   Define Performance Appraisal.

10. Write the meaning of Project Audit.

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

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

11. (a) Bring out the prerequisites of effective Project Portfolio Management System.

Or

(b) Enumerate the need for Project Management.

12. (a) Write a note on the different phases of Project.

Or

(b) Narrate the Project Management Structure.

13. (a) What are the merits and demerits of Net Present Value Method?

Or

(b) Briefly discuss the different methods of Appraisal of Project.

14. (a) Bring out the need for Resources Scheduling.

Or

(b) Write a note on Stakeholder Marketing.

15. (a) What are the needs for Post Completion Audit of a Project?

Or

(b) Bring out the process of Project Control.

F–9319

Part C (3 × 10 = 30)

Answer any **three** questions.

16. Describe the evaluation of Integrated Project Management System.

17. Discuss the sources and problems in Project Formulation.

18. Discuss in detail the process of appraisal of a modern project.

19. Elucidate the process of documentation of a project and its problems.

20. Explain the essentials for buildings High Performance Project Teams.

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F–9319

M.A. DEGREE EXAMINATION, APRIL 2023.

Fourth Semester

Economics

ECONOMICS OF DEVELOPMENT

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** the questions.

1.   Point out the components of Economic Development

2.   Write a short note on – HDI

3.   What is meant by structural changes?

4.   Define Poverty

5.   What are the basic assumptions of Kaldor's model of growth?

6.   State the essential three growth rate of Harrod's theory.

7.   Write a short note on Sustainable Development

8.   What is Unemployment?

9.   What is Trade?

10. Write a short notes on – TRIPS

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

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

11. (a) Distinguish between Economic growth and Economic Development.

Or

(b) Explain the features of Economic Development

12. (a) Briefly explain the A.K. Sen on Poverty

Or

(b) Write a short note on Lewis model.

13. (a) Explain the Schumpeter's Innovation Theory

Or

(b) Explain the Domar's model of growth

14. (a) State and explain Neo – classical views on population

Or

(b) What are objectives of Sustainable Development?

15. (a) Write a short note on Trade Development.

Or

(b) Explain the alternative approaches to Trade in developing countries.

2 **F–9320**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. What is the measurement of Economic Development? List what are indicating.

17. Discuss the role of Agriculture in Economic Development

18. Discuss the Solow model of Economic Growth

19. Discuss the causes and effects of Unemployment on Economic Development

20. Describe the recent trends in Terms of Trade.

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F–9320

M.A. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Economics

Elective – INDIAN ECONOMY

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   What is HDI?

2.   State any two advantages in Transport for development.

3.   What is meant by productivity in Industrial sector?

4.   What do you understand MRTP?

5.   What is migration?

6.   Define income inequality.

7.   What is meant by foreign exchange reserves?

8.   Mention any two roles of RBI in monetary Policy.

9.   What do you mean by public revenue?

10. Define privatization.

Part B (5 × 5 = 25)

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

11. (a) What are the determinants of economic development?

Or

(b) Describe the functions of NITI Ayog.

12. (a) What are the causes for low productivity of Indian agriculture?

Or

(b) Elucidate the performance of public sector enterprises.

13. (a) Analyse the consequences in growth of population in India.

Or

(b) Write a note on 'Second Generation Reforms'.

14. (a) Brings out the impact of globalization on Trade.

Or

(b) What are the remedial measures to set right the disqualification in BOP?

15. (a) Explain the role of FDI in economic development.

Or

(b) Write a note on 'Fiscal Sector Reforms' in India.

2 **F–9321**

Part C (3 × 10 = 30)

Answer any **three** questions.

16. List out the achievements and failure of Indian Five Year Plans.

17. Discuss the Indian Industrial Policy.

18. Analyse the role of economic reforms in reduction of poverty and unemployment in India.

19. Explain the monetary policy of RBI in India.

20. Elucidate the Centre-State financial relations in India.

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F–9321

M.A. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Economics

Elective : RESEARCH METHODOLOGY

(CBCS – 2017 onwards)

Time : 3 Hours   Maximum : 75 Marks

Part A   (10 × 2 = 20)

Answer **all** questions.

1.   Define research methodology.

2.   What is quantitative approach in the process of research?

3.   Define review of literature.

4.   Mention the two components of research design.

5.   What is Non- probability sampling?

6.   Define linear and non- linear correlation.

7.   Define standard error.

8.   Mention any two properties of t- distribution.

9.   What is meant by classification and tabulation?

10.   Define oral presentation.

Part B   (5 × 5 = 25)

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

11. (a) Describe the meaning of social research. Explain its significance on modem times.

                 Or

   (b) Describe briefly the different steps involved in a research process.

12. (a) Should there be a distinction between identification of a problem and selection of a problem? Give your answers.

                 Or

   (b) Explain the role of hypothesis in making a research design.

13. (a) Find out the arithmetic mean and standard deviation from the following data.

Variable	Frequency	Variable	Frequency
5-10	2	20-25	54
10-15	9	25-30	11
15-20	29	30-35	6

                 Or

   (b) Briefly explain the concepts of correlation and regression, bringing out the inter-relation between them. Also, their numerical measures.

14. (a) Write a short note on the meaning of ANOVA. Describe briefly the technique of analysis of variance for one-way and two-way classifications.

                 Or

2   **F–9323**

(b) The mean produce of rice of a sample of 100 fields is 200 lbs. per acre with a standard deviation of 10 lbs. Another sample of 150 fields gives the mean of 220 lbs with a standard deviation of 12 lbs. can the two samples be considered to have been taken from the same population whose standard deviation is 11 lbs? Use 5% level significance.

15. (a) Explain the layout of the research report.

Or

(b) Give an account on the evaluation of the research report.

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

Answer any **three** questions.

16. A researcher has to work as a judge and derive the truth and not as a pleader who is only eager to prove his case in favour of his complainant. Discuss this statement pointing out the objectives of research.

17. Discuss the research problem. Define the main issues which should receive the attention of the researcher in formulating the research problem. Give suitable examples to elucidate your points.

3   **F–9323**

18. Given below are the monthly income and net savings of a sample of 10 supervisory staff belonging to a firm. Calculate the correlation coefficient.

Employee number	1	2	3	4	5	6	7	8	9	10
Monthly income	780	360	980	250	750	820	900	620	650	390
Net saving	84	51	91	60	68	62	86	58	53	47

19. When the Chi-square test is applied? Discuss the Chi-square test, its importance and objectives.

20. "It is only through interpretation the researcher can expose the relations and processes that underlie his findings". Discuss with examples.

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F–9323

F–9324	Sub. Code
	7MEC4E4

M.A. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Economics

Elective – HEALTH ECONOMICS

(CBCS – 2017 onwards)

Time : 3 Hours Maximum : 75 Marks

Part A (10 × 2 = 20)

Answer **all** questions.

1. What do you mean by Health Economics?

2. Point out the health - economic linkage.

3. Specify the markets in health care system.

4. Sketch the organizational structure of health care system.

5. Distinguish between Private and Public goods.

6. Write a note merit good.

7. Point out constraints of a hospital firm.

8. State the hospital production function.

9. What is meant by social insurance?

10. What are the fiscal functions of the Government?

Part B (5 × 5 = 25)

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

11. (a) Trace out the history of health economics.

    Or

    (b) Discuss the need for health economics.

12. (a) Define Health system and explain its components.

    Or

    (b) Write a note Indian Health care system.

13. (a) Explain the relevance of consumer demand theory to health.

    Or

    (b) Analyse the allocation of resources between health care and other Commodities.

14. (a) Health is a durable good – Discuss.

    Or

    (b) Analyse the break even and shut down conditions of a hospital firm.

15. (a) Discuss the alternative financial strategies for health financing.

    Or

    (b) Examine the patient search techniques of economic evaluation for health Insurance.

F–9324

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

Answer any **three** questions.

16. Poverty and inequality are the causes for diseases among different countries – Discuss.

17. The markets of the health care system – Argue.

18. Examine the factors influencing the demand for medical care.

19. Discuss the objectives and constraints of a hospital firm.

20. Explain the objectives of health financing.

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