

**GOVERNMENT COLLEGE( AUTONOMOUS)  
RAJAMAHENDRAVARAM**

**(Re-accredited with NAAC-'A' Grade)**

**EAST GODAVARI DISTRICT, ANDHRA PRADESH.**

**BOARDS OF STUDIES 2019-20 (I,III& V Semesters)**



**DEPARTMENT OF ECONOMICS**

# **GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY**

## **DEPARTMENT OF ECONOMICS**

Government college (A), Rajahmundry is a prestigious college in Andhra Pradesh. It was started as Zilah School in 1853 it acquired the status of a secondary Grade college. In 1891 the college affiliated to the Madras University.

- Introduction in B.A course with Economics, History and Politics was commenced in 1930, after obtaining affiliation to Andhra University in 1926.
  
- Introduction of B.A (Economics, Statistics & Commerce) in 1976-77
  
- Introduction of B.A (Economics, Statistics & Computers) in 2007-2008
  
- Introduction of B.Sc. (Economics, Statistics & mathematics) in 2008-2009.
  
- Introduction of B.A. (Economics, History & Special Telugu)) in 2015-2016
  
- Introduction of B.Sc. (Econometrics, Statistics & mathematics) in 2017-2018.
  
- Introduction of B.A. (Public Admn., Sociology & Rural development) in 2018-2019.

## GOVERNMENT COLLEGE (AUTONOMOUS):RAJAHMUNDRY

### DEPARTMENT OF ECONOMICS

#### Constitution of the Board of Studies for the year 2019- 2020(I, III & V Semesters)

The Board of Studies has been constituted with the following members for the year 2019-20

- |   |   |
|---|---|
| 1. Sri. Dr. D.V.Nageswara Rao<br>Lecturer incharge<br>Govt. College (A), Rajamahendravaram.     | CHAIRMAN                                  |
| 2. Sri S.V. Subba Rao<br>Lecturer in Economics(Retd)<br>SKVT College, Rajamahendravaram.        | subject Expert                            |
| 3. Smt. D.V.K.S Lakshmi<br>Lecturer in Economics<br>SKR(W) College, Rajamahendravaram           | subject Expert                            |
| 4. Dr.K.V.VA.P.T.Surya Rao<br>Principal and Professor in Economics<br>D.N.R College,Bhimavaram. | University Nominee                        |
| 5. Sri. Shanmugam<br>Chief Manager<br>Union Bank of India, Rajamahendravaram.                   | Expert from Industry/<br>Corporate Sector |
| 6. Sri.K. Balaram<br>Asst. Manager, Chaitanya Godavari Grameena Bank<br>Tadepalligudem          | Alumni                                    |
| 7. Sri M. Venkateswara Rao<br>Lecturer in Economics<br>Govt. College (A), Rajamahendravaram.    | Member                                    |
| 8. Smt M. Saritha (Contract Lec. In – Eco.)<br>Govt. College (A), Rajamahendravaram.            | Member                                    |
| 9. Dr.A,Prasadu. (Guest Faculty)  | Member                                    |
| 10 Kum. K.Geetha Aparna (Guest Faculty)   | Member                                    |
| 11. Smt.Ch.Gandhi Mani (Guest Faculty)  |   |
| 12 K.Shalini<br>II- B. Sc (MES)   | Student Member                            |
| 13. B.Surekha<br>II- B.A (EHP)  | Student Member                            |
| 14. Ch.Anasuya<br>I- B.A (HETTM)  | Student Member                            |
| 15. Anil<br>II- B.A (ES Comp)   | Student Member                            |
| 16. Shaik Beebi<br>II- B.A(ES Commerce)   | Student Member                            |

**Venue: Department of Economics (Room No. 15)**

The meeting of Board of Studies took place at 3PM on 20 APRIL, 2019 in Department of Economics, Govt. College (A), Rajamahendravaram for the academic year 2019-20 (I, III & V Semesters).

**GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM**  
**DEPARTMENT OF ECONOMICS**

Consolidated Report of Board of Studies for the year 2019- 2020 (I, III& V Semester)  
The Board of Studies of Department of **Economics** was convened on 20 APRIL 2019 at 3 PM under the chairmanship of **Sri Dr.D.V.Nageswara Rao** Lecturer in charge of Department of Economics and the following members were present.

Name	Signature
9. Sri. Dr. D.V.Nageswara Rao	CHAIRMAN
10. Sri S.V. Subba Rao	subject Expert
11. Smt. D.V.K.S Lakshmi	subject Expert
12. Dr.K.V.VA.P.T.Surya Rao	University Nominee
13. Sri. Shanmugam	Expert from Industry/Corporate Sector
14. Sri.K. Balaram	Alumni
15. Sri M. Venkateswara Rao	Member
16. Smt M. Saritha (Contract Lec. In – Eco.)	Member
17. .Dr.A,Prasadu. (Guest Faculty)	Member
18. Kum. K.Geetha Aparna (Guest Faculty)	Member
19. Smt.Ch.Gandhi Mani (Guest Faculty)	Member
13 .Shalini	II- B. Sc (MES) Student Member
17. B.Surekha	II- B.A (EHP) Student Member
18. Ch.Anasuya	I- B.A (HETTM) Student Member
19. Anil	II- B.A (ES Comp) Student Member
20. Shaik Beebi	II- B.A(ES Commerce) Student Member
20.	

The following documents are submitted to the Academic coordinator and Controller of Examinations:

1. Resolutions of Board of Studies Meeting.
2. Syllabus of I, III, and V Semesters under CBCS pattern for B.A and B.Sc., B.Sc. (Econometrics)-I,III semesters
3. Syllabus of I Semester under CBCS pattern for B.A Rural development (Public Admn., Sociology & Rural development)
4. Model Question Papers for I, III, and V Semesters under CBCS pattern.
5. Syllabus and Model question paper for Certificate Course
6. List of Revised Examiners

Date:

Chairman  
Board of Studies  
Department of Economics

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM  
DEPARTMENT OF ECONOMICS  
Board of Studies Meeting 2019- 2020 (I, III& V Semester)

RESOLUTIONS:

1. Resolved to adopt certain changes in syllabi approved by ANUR as per APSCHE in UGC Model curriculum under CBCS pattern and question papers for the benefit of the students in quality enhancement in academics.
2. Resolved to adopt certain changes in syllabi and question papers for the benefit of the students in quality enhancement in academics.
3. Resolved to adopt the syllabi and pattern of the question papers for I, II and III B.A/ B.Sc. Economics as per the ANUR syllabus under CBCS pattern for 2019 -2020.
4. Resolved to approve model question papers for I, II and III B.A/B.Sc. Economics for I, III and V Semesters.
5. Resolved to introduce a Certificate Course in “*Office Management*” for the 1<sup>st</sup> year students
6. Resolved and approved the list of paper setters and examiners for Academic year 2018 – 2019.

University Nominee

Local Nominee

Chairman of Board of Studies

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM  
DEPARTMENT OF ECONOMICS  
Board of Studies Meeting 2019- 2020

Room NO: 15

Date: 20-4-19

Department of Economics

Time: 3 PM

AGENDA:

1. To consider and adopt to make certain changes in syllabi and Question Papers under CBCS pattern for the benefit of the student in Academic improvement.
2. To consider and approve Model Question Papers for I, II and III B.A/B.Sc. Economics for I, III and V Semesters.
3. To consider and approve Syllabi and model question papers for the Certificate Course in *Office Management*
4. To consider and approve syllabi and model question paper for the I semester Rural Development course.
5. To consider and approve the list of paper setters and examiners for Academic year 2019- 2020.
6. To consider and approve different pedagogy in teaching and learning prescribed by CCE, AP.
7. To consider and approve external assessment and internal assessment as 50:50 for, I, semester.
8. To consider and approve minimum marks in internal assessment as 40% i.e. 20 marks for I, semester.
9. To consider and approve external assessment and internal assessment as 60:40 for, III and V semesters.
10. To consider and approve minimum marks in internal assessment as 40% i.e. 16 marks for III and V semesters.

Date:

Chairman  
Board of Studies  
Department of Economics

**GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY**

**DEPARTMENT OF ECONOMICS**

**LIST OF EXAMINERS 2019-20**

<b>S.NO</b>	<b>NAME OF THE LECTURER</b>	<b>DISIGNATION</b>	<b>COLLEGE</b>
1	SRI.P.L.NAIDU	Lecturer in Economics	GDC , KOTHAPETA
2	S.PURUSHOTHAM	Lecturer in Economics	GC(M), NIDADAVOLU
3	M.BALA RAJU	Lecturer in Economics	GDC, JAGGAMPETA
4	BALAYYA	Lecturer in Economics	GDC, PITTAPURAM
5	DR.P.JAYANANDHKUMAR	Lecturer in Economics	GDC(W),NIDADAVOLE
6	G.LAKSHMI PATHI	Lecturer in Economics	GDC(W), NIDADAVOLE
7	SRI,CHINNA BABU	Lecturer in Economics	GDC, RAVULUPALEM
8	SRI.VENU GOPALA RAO	Lecturer in Economics	GDC,Ramachndrapuram
9	SUBHASHINI	Lecturer in Economics	PR COLLEGE, KAKINADA

**GOVERNMENT COLLEGE (A), RAJAMAHENDRAVARAM**  
**DEPARTMENT OF ECONOMICS**  
**COURSE OBJECTIVES**

- To understand Economics is about the allocation of scarce resources, that scarcity fore's choice, trade off exist and that every choice has an opportunity cost. Demonstrate their concepts using a production possibility frontier diagram.
- To understanding how comparative advantage provides the basis for gains through rate.
- To list the determinants of the demand and supply for a good in a competitive market and explain how that demand and supply together determine equilibrium price.
- To understand the role of price in allocating scarce resources in market Economics and explain the consequence of price controls
- To define an externality and a public good and why explain the presence of externalities and public goods make markets inefficient. Analyse various government policies aimed at solving these inefficiencies.
- To understand the costs of production and how profit maximizing firms determine how much to produce be also to distinguish between long run decisions and short run decisions.
- To distinguish between perfect competition and imperfect competition and be able to explain the welfare lose in non-competitive markets.
- To understand the causes and effects of inflation and unemployment
- To describe the macro economy using aggregates demand and aggregate supply
- To using employment and national income statistics students will be able to describe and analyse economy in quantitative items.
- To students will be able to describe the contemporary banking and monetary system, and analyse the role of money, credit, and Federal Reserve monetary policy.
- To outline the rate of comparative advantage in exchange. Describe the role of international trade and finance in domestic Economic activity.
- To students will be able to utilize a simple contemporary economic model such as the aggregate supply aggregate demand model and describe the inter relationship among price, income and interest rates as they affect consumption, saving and investment.
- To analyse fiscal and monetary policy decisions to counter business cycle swings by using macro-Economic models.



**GOVERNMENT COLLEGE (A), RAJAMAHENDRAVARAM**  
**DEPARTMENT OF ECONOMICS**  
**LEARNING OUTCOMES**

- Understand Economics is about the allocation of scarce resources, that scarcity fore's choice, trade off exist and that every choice has an opportunity cost. Demonstrate their concepts using a production possibility frontier diagram.
- Understanding how comparative advantage provides the basis for gains through rate.
- List the determinants of the demand and supply for a good in a competitive market and explain how that demand and supply together determine equilibrium price.
- understand the role of price in allocating scarce resources in market Economics and explain the consequence of price controls
- Define an externality and a public good and why explain the presence of externalities and public goods make markets inefficient. Analyse various government policies aimed at solving these inefficiencies.
- Understand the costs of production and how profit maximizing firms determine how much to produce be also to distinguish between long run decisions and short run decisions.
- Distinguish between perfect competition and imperfect competition and be able to explain the welfare lose in non-competitive markets.
- understand the causes and effects of inflation and unemployment
- describe the macro economy using aggregates demand and aggregate supply
- Using employment and national income statistics students will be able to describe and analyse economy in quantitative items.
- Students will be able to describe the contemporary banking and monetary system, and analyse the role of money, credit, and Federal Reserve monetary policy.
- Outline the rate of comparative advantage in exchange. Describe the role of international trade and finance in domestic Economic activity.
- Students will be able to utilize a simple contemporary economic model such as the aggregate supply aggregate demand model and describe the inter relationship among price, income and interest rates as they affect consumption, saving and investment.
- Analyse fiscal and monetary policy decisions to counter business cycle swings by using macro-Economic models.



**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.**

**I SEMESTER – ECONOMICS (2019-20)**

**B.A- (CBCS PATTERN)**

**Paper-I (Core Paper)**

**Hours:5, Credits:4**

## **Consumption and production**

### **Unit -1: Introduction**

Nature, Definition and Scope of economics – Micro and Macro, Static and Dynamic, Normative and Positive – Inductive and Deductive approaches – Partial General Equilibrium- Choice as an Economic Problem-Applications of Micro Economics

### **Unit -2: Utility Analysis**

Utility analysis – Cardinal and Ordinal approaches – Law of Diminishing marginal utility, Law of Equi-marginal utility – Indifference curves – Properties of Indifference curves – Price (Budget) line – Equilibrium of the consumer with the help of Indifference curves-Consumer Surplus

### **Unit -3: Demand Analysis**

Law of Demand – Elasticity of Demand – Price, Income, and Cross elasticities,– Demand Forecasting- Meaning and Factors influencing Demand forecasting—Types of Demand

### **Unit -4: Theory of Production**

Theories of production –Objectives of a firm- Factors of Production – Production function-Concept of homogeneous production function- Cobb-Douglas production function – Law of Variable Proportions, Law of Returns to Scale –Types of Demand

### **Unit -5: Cost, Revenue and Supply Analysis**

Different Concepts of Revenue and costs, Envelope Curve - Equilibrium of the Firm – Break-Even analysis - theory of Supply – determinants of Supply – Supply function – Elasticity of supply – types of elasticity of supply- Effecting Factors of Supply

**[Additional Input Underlined]**

## Course Outcomes (Cos)

ECO101	Micro Economics-I	CO1	How households (demand) and business (supply) firms interact in various market structures to determine price and quantity of a good produced.
		CO2	Understand that Economics is about the allocation of scarce resources, that scarcity forces choice, trade-offs exist and that every choice has an opportunity cost.
		CO3	Demonstrate these concepts using a production possibility frontier diagram.
		CO4	Understand how comparative advantage provides the basis for gains through trade.

## Additional Inputs

S.NO	UNIT	Additional Input
1	I	Applications of Micro Economics
2	II	Consumer Surplus
3	III	Types of Demand
4	IV	Types of Demand
5	V	Effecting Factors of Supply

## Suggested Books:

1. R.G. lipsey and K.A.Chrysal – “ ECONOMICS” Oxford University press, 10/e 2004
2. Koutsoyiannis, A. (1979), Modern Microeconomics, (2<sup>nd</sup> edition), English Language Book Society/ Macmillan press, London
3. P.A. Samuelson & W.D Nordhaus – “ ECONOMICS” Tata mc.Graw Hill, 18/e, 2005

4. N.Gregory Mankiw – “Principles of Economics”, Thompson, 4/e 2007
5. H.L. Ahuja – “Advanced Economic Theory”, S Chand, 2004
6. M.L.Sethy – “ Micro Economics”, Laxmi Narayana Agarwal, 2007
7. D.M. Mithani & G.K Murthy – “Fundamentals of Business Economics”, Himalaya Publishing, 2007
8. Telugu Academy Publications
9. AUSSDE – Study material
10. Bilas, A.-“Micro economic Theory”, International Student edition, Mc. Graw Hill, 1971

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMGOVERNMENT  
COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM  
I SEMESTER – ECONOMICS (CBCS PATTERN)

**Paper-I (Core Paper)**  
**Consumption and production**  
**FIRST SEMESTER END EXAMINATIONS**

Time: 2 1/2 Hrs

Max. Marks: 50

M

**SECTION - A**

Answer the following questions

(3 X 10 = 30 M)

ఈ క్రింది ప్రశ్నలు అన్నింటికీ సమాధానాలు వ్రాయుము

1. (a). Define Economics? Distinguish between Micro and Macro Economics  
అర్థశాస్త్రమును నిర్వచించుము. సూక్ష్మ, స్థూలఅర్థశాస్త్రముల మధ్య  
భేదములను తెలుపుము

(or)

- (b). Critically examine the law of diminishing marginal utility

క్షీణోపాంత ప్రయోజన సూత్రాన్ని విమర్శనాత్మకంగా వివరింపుము

- 2 (a). Explain the consumer equilibrium with the help of indifference curves

ఉదాసీనత వక్ర రేఖల సహాయంతో వినియోగదారుని సమతౌల్యం  
వివరింపుము

(or)

- (b). Explain the law of demand with its exceptions

డిమాండ్ సూత్రాన్ని మినహాయింపులతో వివరించండి

3. (a). Explain the law of variable proportions

చరానుపాతాల సూత్రాన్ని వివరింపుము

(or)

- (b). Explain the Law of returns to scale

తరహాననుసరించి ప్రతిఫలాల సూత్రాన్ని వివరించండి

**SECTION – B**

Answer any **Four** of the following

(4 X 5 = 20 M)

ఈ క్రింది వాటిలో ఏవైనా నాల్గింటికీ సమాధానాలు వ్రాయుము

4. Wealth Definition	సంపద నిర్వచనం
5. Normative – Positive Science	ప్రామాణిక- నిశ్చితశాస్త్రము
6. Cardinal – Ordinal Utility	కార్డినల్- ఆర్డినల్ ప్రయోజనం
7. Consumer Surplus	వినియోగదారుని మిగులు
8. Break Even Analysis	బ్రేక్- ఈవెన్ విశ్లేషణ
9. Determinants of Supply	సరఫరా నిర్ణయించు అంశాలు
10. Budget Line	బడ్జెట్ రేఖ
11. Opportunity Cost	అవకాశవ్యయం

**I SEMESTER – ECONOMICS (CBCS PATTERN)**  
**Paper-I (Core Paper)**

**Consumption and production**  
**FIRST SEMESTER END EXAMINATIONS**

Time: 2 Hrs

Max. Marks: 50 M

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (5 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>3</b>
<b>Unit-III</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-IV</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-V</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Total Marks</b>	<b>60</b>	<b>40</b>	<b>100</b>



**B.A- (CBCS PATTERN)**  
**Paper-I (Core Paper)**  
**Consumption and production**

Hours:5, Credits:4

**Unit -1: Introduction**

Nature, Definition and Scope of economics – Micro and Macro, Static and Dynamic, Normative and Positive – Inductive and Deductive approaches – Partial General Equilibrium- Choice as an Economic Problem-Applications of Micro Economics

**Unit -2: Utility Analysis**

Utility analysis – Cardinal and Ordinal approaches – Law of Diminishing marginal utility, Law of Equi-marginal utility – Indifference curves – Properties of Indifference curves – Price (Budget) line – Equilibrium of the consumer with the help of Indifference curves-Consumer Surplus

**Unit -3: Demand Analysis**

Law of Demand – Elasticity of Demand – Price, Income, and Cross elasticities,– Demand Forecasting- Meaning and Factors influencing Demand forecasting—Types of Demand

**Unit -4: Theory of Production**

Theories of production –Objectives of a firm- Factors of Production – Production function-Concept of homogeneous production function- Cobb-Douglas production function – Law of Variable Proportions, Law of Returns to Scale –Types of Demand

**Unit -5: Cost, Revenue and Supply Analysis**

Different Concepts of Revenue and costs, Envelope Curve - Equilibrium of the Firm – Break-Even analysis - theory of Supply – determinants of Supply – Supply function – Elasticity of supply – types of elasticity of supply- Effecting Factors of Supply

**[Additional Input Underlined]**

**Course Outcomes (Cos)**

ECO101	Micro Economics-I	CO1	How households (demand) and business (supply) firms interact in various
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			market structures to determine price and quantity of a good produced.
		CO2	Understand that Economics is about the allocation of scarce resources, that scarcity forces choice, trade-offs exist and that every choice has an opportunity cost.
		CO3	Demonstrate these concepts using a production possibility frontier diagram.
		CO4	Understand how comparative advantage provides the basis for gains through trade.

### Additional Inputs

S.NO	UNIT	Additional Input
1	I	Applications of Micro Economics
2	II	Consumer Surplus
3	III	Types of Demand
4	IV	Types of Demand
5	V	Effecting Factors of Supply

### Suggested Books:

1. R.G. lipsey and K.A.Chrysal – “ECONOMICS” Oxford University press, 10/e 2004
2. Koutsoyiannis, A. (1979), Modern Microeconomics, (2<sup>nd</sup> edition), English Language Book Society/ Macmillan press, London
3. P.A. Samuelson & W.D Nordhaus – “ECONOMICS” Tata mc.Graw Hill, 18/e, 2005
4. N.Gregory Mankiw – “Principles of Economics”, Thompson, 4/e 2007
5. H.L. Ahuja – “Advanced Economic Theory”, S Chand, 2004
6. M.L.Sethy – “Micro Economics”, Laxmi Narayana Agarwal, 2007

7. D.M. Mithani & G.K Murthy – “Fundamentals of Business Economics”, Himalaya Publishing, 2007
8. Telugu Academy Publications
9. AUSSDE – Study material
10. Bilas, A.-“Micro economic Theory”, International Student edition, Mc. Graw Hill, 1971

**COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM**  
**I SEMESTER – ECONOMICS (CBCS PATTERN)**  
**Paper-I (Core Paper)**  
**Consumption and production**  
**FIRST SEMESTER END EXAMINATIONS**

Time: 2 1/2 Hrs

Max. Marks: 50

M

**SECTION - A**

Answer the following questions

(3 X 10 = 30 M)

ఈ క్రింది ప్రశ్నలు అన్నింటికీ సమాధానాలు వ్రాయుము

1. (a). Define Economics? Distinguish between Micro and Macro Economics  
అర్థశాస్త్రమును నిర్వచించుము. సూక్ష్మ, స్థూలఅర్థశాస్త్రముల మధ్య  
భేదములను తెల్పుము

(or)

- (b). Critically examine the law of diminishing marginal utility

క్షీణోపాంత ప్రయోజన సూత్రాన్ని విమర్శనాత్మకంగా వివరింపుము

- 2 (a). Explain the consumer equilibrium with the help of indifference curves

ఉదాసీనత వక్ర రేఖల సహాయంతో వినియోగదారుని సమతౌల్యం  
వివరింపుము

(or)

- (b). Explain the law of demand with its exceptions

డిమాండ్ సూత్రాన్ని మినహాయింపులతో వివరించండి

3. (a). Explain the law of variable proportions

చరానుపాతాల సూత్రాన్ని వివరింపుము

(or)

- (b). Explain the Law of returns to scale

తరహాననుసరించి ప్రతిఫలాల సూత్రాన్ని వివరించండి

**SECTION – B**

Answer any **Four** of the following

(4 X 5 = 20 M)

ఈ క్రింది వాటిలో ఏవైనా నాల్గింటికీ సమాధానాలు వ్రాయుము

4. Wealth Definition	సంపద నిర్వచనం
5. Normative – Positive Science	ప్రామాణిక- నిశ్చితశాస్త్రము
6. Cardinal – Ordinal Utility	కార్డినల్- ఆర్డినల్ ప్రయోజనం
7. Consumer Surplus	వినియోగదారుని మిగులు
8. Break Even Analysis	బ్రేక్- ఈవెన్ విశ్లేషణ
9. Determinants of Supply	సప్లై నిర్ణయించు అంశాలు
10. Budget Line	బడ్జెట్ రేఖ
11. Opportunity Cost	అవకాశవ్యయం

**I SEMESTER – ECONOMICS (CBCS PATTERN)**

**Paper-I (Core Paper)**

**Consumption and production**

**FIRST SEMESTER END EXAMINATIONS**

**Time: 2 Hrs**

**Max. Marks: 50 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (5 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>3</b>
<b>Unit-III</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-IV</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-V</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Total Marks</b>	<b>60</b>	<b>40</b>	<b>100</b>

**GOVERNMENT COLLEGE (A), RAJAMAHENDRAVARAM**

**B. A. ECONOMICS 2019-20**

**III Year B. A. Programme (UG) Courses – Under CBCS**

## **Semester – V, Paper – V (Core Paper)**

### **Paper V: Economic Development and Indian Economy**

**HOURS: 5**

**CREDIT:4**

#### **Module - 1**

Concept of Economic Growth - Distinction between economic growth and development - Measurement of economic development - Theories of Economic Growth: Adam Smith, Rostow, Karl Marx and Harrod & Domar Models.

#### **Module - 2**

Sustainable development - Balanced and unbalanced growth-choice of techniques Labour intensive and capital intensive methods.

#### **Module - 3**

Basic features of the Indian Economy - Natural Resources - Important Demographic features- Concept of Population Dividend - Population Policy.

#### **Module - 4**

National Income in India - trends and composition-poverty, inequalities and Unemployment - Measures taken by the Government. - MGNREGS

#### **Module - 5**

Economic reforms - liberalization, privatization and globalisation - concept of inclusive growth.

### **Course Outcomes (Cos)**

ECO123	Economic Development and Indian Economy	CO1	To introduce students to the wide ranging policy issues and theories in development Economics
		CO2	Understand the various aspects of Indian Economy
		CO3	Develop a perspective on the different problems and approaches to Economic plans
		CO4	Understand the role of the Indian Economy in the global context and how different factors have affected this process

**REFERENCES:**

1. Dhingra, I.C - "Indian Economy", Sultan Chand, 2014.
2. Ruddar Dutt and K.P.M. Sundaram - "Indian Economy", S.Chand & Co., 2015.
3. G.M.Meier -"Leading Issues in Economic Development", Oxford University Press, New York,.
4. M.P.Todaro - "Economic Development", Longman, London 6/e, 1996.
5. Reserve Bank of India - Hand book of Statistics on Indian Economy (Latest).
6. S.K.Misra & V,K,Puri - "Indian Economy", Himalaya Publishing House, 2015.
7. R.S.Rao, V.Hanumantha Rao & N.Venu Gopal (Ed) - Fifty Years of Andhra Pradesh (1956-2006), Centre for Documentation, Research and Communications, Hyderabad, 2007.
8. G.Omkarnath - Economics - A Primer for India - Orient Blackswan, 2012.
9. Benjamin Higgins - Economic Development
10. Telugu Academy Publications. 11. Dr. Ch.S.G.K. Murthy, Indian Economy - Gitam University



Paper-V Economic **Development and Indian Economy**

Time: 3 hours

Max. Marks: 60

**Section-A**

Answer the following questions

(4X10 = 40 Marks)

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

1. (a) Explain the Distinction between Economic Growth and Development?

ఆర్థికవృద్ధికి ఆర్థికాభివృద్ధికి మధ్య గల బేధాలను వివరించుము?

(or)

(b) Explain the Harad and Domar models of Economic Growth?

హరాడ్ మరియు డోమార్ ఆర్థికవృద్ధి నమూనాని వివరించుము?

2. (a) Explain the Balanced and Unbalanced Growth Theories?

సంతులిత మరియు అసంతులిత వృద్ధి సిద్ధాంతములను వ్రాయుము?

(or)

(b) Explain the Difference between Labour Intensive and Capital Intensive Methods?

శ్రమసాంద్రత మరియు మూలధనసాంద్రత పద్ధతుల మధ్య బేధాలను వివరించుము?

3. (a) Explain the Basic Features of Indian Economy?

ఆర్థిక వ్యవస్థ యొక్క ముఖ్య లక్షణాలను వివరించుము ?

(or)

(b) Explain the Role of Natural Resources in Economic development?

ఆర్థికాభివృద్ధి లో సహజ వనరుల పాత్రను వివరించుము ?

4. (a) what is Poverty/ Explain the Causes and Remedial of Poverty ?

పేదరికం అనగానేమి ? పేదరికానికి గల కారణాలను మరియు నివారణ చర్యలను వివరించుము ?

(or)

(b) Explain the New Economic Reforms of 1991?

1991 నూతన ఆర్థిక సంస్కరణలను వ్రాయుము ?

### **Section-B**

Answer any **Three** of the following questions

(3X4 = 12

Marks)

ఈ క్రింది వాటిలో మూడింటికి సమాదానములివ్వండి

5. Rowstow's Stages of Economic Growth -

రోస్టర్ ఆర్థిక వృద్ధి దశలు

6. Sustainable Development

కొనసాగించగల అభివృద్ధి

7. Population policy

జనాభా విధానం

8. Types of Unemployment

నిరుద్యోగ రకాలు

9. Concept of Inclusive Growth

సమతౌల్యత భావనలు

### **Section-C**

Answer **Four** of the following questions

(4X2 = 8 Marks)

ఈ క్రింది వాటిలో నాల్గింటికి సమాదానములివ్వండి

10. Economic Growth

ఆర్థిక వృద్ధి

11. MGNREGS

మహాత్మాగాంధీ జాతీయ గ్రామీణ ఉపాధి హామి పథకం

12. Human Development Index

మనవాభివృద్ధి సూచిక

13. Population Explosion

జనాభా విస్ఫోటనం

14. Poverty Line

పేదరికాపు గీత

15. Per Capita Income

తలసరి ఆదాయం

16. Globalisation

ప్రపంచీకరణ

**V SEMESTER – ECONOMICS (CBCS PATTERN)**

**B.A Paper-V (Core Paper)**

**Economic Development and Indian Economy**

**FIFTH SEMESTER END EXAMINATIONS**

**Time: 3 Hrs**

**Max. Marks: 60 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>
<b>Unit-II</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>6</b>
<b>Unit-III</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>
<b>Unit-IV</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>Unit-V</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>
<b>Total Marks</b>	<b>80</b>	<b>20</b>	<b>14</b>	<b>114</b>

**III Year B. A. Programme (UG) Courses – Under CBCS**

**Semester – V**

**Paper – VI (Core Paper)**

**PAPER VI: Indian and Andhra Pradesh  
Economy**

**HOURS:5**

**CREDIT:4**

**Module - 1**

Indian Agriculture - Importance of Agriculture in India - Agrarian structure and relations- Factors determining Productivity- Agricultural Infrastructure - Rural credit - Micro Finance - Self Help Groups (SHGs) - Agricultural Price policy- concept of Crop Insurance - Food Security.

**Module – 2**

Structure and growth of Indian Industry - Industrial policies of 1956 & 1991  
Meaning of Micro small and Medium Enterprises (MSMEs)- Problems and Prospects of small scale Industries in India.

**Module – 3**

Disinvestment in India - FEMA - Foreign direct investment - Services Sector in India – Reforms in Banking and Insurance -, IT, Education and Health.

**Module - 4**

Planning in India Economy - Objectives of Five year plans - Review of Five year Plans - Current Five year plan- NITI Aayog

**Module - 5**

Andhra Pradesh Economy - Population - GSDP - Sector Contribution and trends - IT – Small Scale Industry - SEZs.

## Course Outcomes (Cos)

ECO124	Indian and Andhra Pradesh Economy	CO1	Develop idea about basic characteristics of Indian and AP Economy
		CO2	Understand the importance, causes and impact of population growth and its distribution, translate and relate them with Economic Development
		CO3	Gross the importance of planning under taken by the government of India
		CO4	Understand the Agriculture as the foundation of Economic growth and development and its contribution to the Economy as a whole

### REFERENCES:

1. Dhingra, I.C - "Indian Economy", Sultan Chand, 2014.
2. Ruddar Dutt and K.P.M. Sundaram - "Indian Economy", S.Chand & Co., 2015.
3. G.M.Meier - "Leading Issues in Economic Development", Oxford University Press, New York, 3/e.
4. M.P.Todaro - "Economic Development", Longman, London 6/e, 1996.
5. Reserve Bank of India - Hand book of Statistics on Indian Economy (Latest).
6. S.K.Misra & V,K,Puri - "Indian Economy", Himalaya Publishing House, 2015.
7. R.S.Rao, V.Hanumantha Rao & N.Venu Gopal (Ed) - Fifty Years of Andhra Pradesh (1956-2006), Centre for Documentation, Research and Communications,Hyderabad, 2007.
8. G.Omkarnath - Economics - A Primer for India - Orient Blackswan, 2012.
9. Telugu Academy Publications.
10. Dr.Ch.S.G.K.Murthy, Indian Economy - Gitam University.

Under CBCS

**Paper-VI: Indian and Andhra Pradesh Economy**

Time: 3 hours

Max. Marks:

60

**Section-A**

Answer the following questions

(4X10 = 40

Marks)

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

1. (a) Explain the importance of agriculture in India?

భారతదేశంలో వ్యవసాయరంగం యొక్క ప్రాధాన్యతను వివరించుము ?

(or)

(b) Explain the reasons for low agricultural productivity in India?

భారతదేశంలో అల్పవృత్పాదకతకు గల కారణాలను వివరించుము ?

2. (a) Explain the new Industrial policy 1991?

1991 నూతన పారిశ్రామిక విధానం వివరించుము ?

(or)

(b) Explain the problems & prospects of small scale industries in India?

భారతదేశంలో చిన్నతరహా పరిశ్రమలలో సమస్య మరియు అవకాశాలను వివరించుము ?

3. (a) Explain the Disinvestment policy in India?

భారతదేశంలో పెట్టుబడిఉపసంహరణ విధానం గురించి వివరించుము ?

(or)

(b) Explain the in banking and insurance sector?

బ్యాంకింగ్ మరియు భీమా సంస్కరణలను గురించి వ్రాయుము

4. (a) what is objectives of five year plan ?

పంచవర్ష ప్రణాళిక లక్ష్యాలను వ్రాయుము ?

(or)

(b) What is the special economic zone in AP (SEZS)?

ఆంధ్రప్రదేశ్లో ప్రత్యేక ఆర్థికమండలు గురించి వ్రాయుము ?

### **Section-B**

Answer any **Three** of the following questions (3X4 = 12 Marks)

ఈ క్రింది వాటిలో మూడింటికి సమాదానములివ్వండి

- |                              |                            |
|------------------------------|----------------------------|
| 5. Self-help groups          | స్వయం సహాయక బృందాలు        |
| 6. Food security             | ఆహారభద్రత                  |
| 7. Growth of Indian industry | భారతదేశ పారిశ్రామిక వృద్ధి |
| 8. Education and health      | విద్య మరియు ఆరోగ్యం        |
| 9. NITI Aayog                | నితిఆయోగ్                  |

### **Section-C**

Answer **Four** of the following questions (4X2 = 8 Marks)

ఈ క్రింది వాటిలో నాల్గింటికి సమాదానములివ్వండి

- |                    |                              |
|--------------------|------------------------------|
| 10. Rural credit   | గ్రామీణ పరపతి                |
| 11. Crop insurance | పంట భీమా                     |
| 12. FEMA ACT       | ఫేమా చట్టం                   |
| 13. IT Sector      | ఐ టి రంగం                    |
| 14. Privatization  | ప్రైవేటీకరణ                  |
| 15. FDI            | విదేశీ ప్రత్యక్ష పెట్టుబడులు |
| 16. Plan Holiday   | ప్రణాళిక విరామం              |

**V SEMESTER – ECONOMICS (CBCS PATTERN)**  
**B.A Paper-VI (Core Paper)**  
**PAPER VI : Indian and Andhra Pradesh Economy**

**FIFTH SEMESTER END EXAMINATIONS**

**Time: 3 Hrs**

**Max. Marks: 60 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-II</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>6</b>
<b>Unit-III</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Unit-IV</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-V</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>
<b>Total Marks</b>	<b>80</b>	<b>20</b>	<b>14</b>	<b>114</b>

**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.**



**B.A PROGRAMME-ECONOMICS SYLLABUS FOR THE YEAR 2018-2019**

**(CBCS PATTERN)**

**FIRST YEAR – FIRST SEMESTER**

**PAPER – 1 (CORE)**

**TITLE: RURAL ECONOMICS-1**

**HOURS:5, CREDITS:4**

**Module I : Introduction to Rural Economics**

Nature and Scope of Rural Economics, Inter-disciplinary approach of Rural Economics – Components-Structure and Characteristics -Pre and Post-independence-importance of Rural Economics.

**Module II : Rural Resources Management in India**

Rural Resources –Nature-Types and Magnitude - Rural Resources- Management and Development, Application of Technology in Rural Development – Problems and prospects-Rural Resources Potential and Management issues.

**Module III : Rural Demography**

Population Size - Sex and Age Composition- Density of Population- Population Problems and Challenges – Family Welfare Measures in Rural India-Population Control

**Module IV : Rural Occupational Structure**

Nature of Rural Occupations - Occupational Distribution in Rural India – The Concept of Work Participation Rates.- Features of Occupational Structure

**Module V : Rural Poverty and Unemployment**

14 Hours

Rural Poverty-Meaning, Estimates, Causes and Consequences. Unemployment - Meaning, Types, Magnitude of Rural Unemployment, - Causes and Consequences.-Poverty Line

## Course Outcomes (Cos)

RD101	Rural Economics	CO1	Understand the Nature and Scope of Rural Economics
		CO2	Recognizes the rural resources management in India
		CO3	Study the Rural Demography and Rural Occupational structure
		CO4	Annalise the Rural Poverty and Unemployment

## Additional Inputs

S.NO	UNIT	Additional Input
1	I	Importance of Rural Economics.
2	II	Rural Resources Potential and Management issues.
3	III	Population Control
4	IV	Features of Occupational Structure
5	V	Poverty Line

## References:

1. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012
2. Dutt and Sundaram- Indian Economy, S.Chand Publications, New Delhi, 2013-07-02.
3. Mishra,S.K. and PuriV.K. - Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.
4. Mukundan,N.-Rural Development and Poverty eradication in India.
5. Katar Singh -Rural Development –Principles, Policies and Management.

**GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM**

**I SEMESTER – B A RURAL DEVELOPMENT (CBCS PATTERN)**

**Paper-I (Core Paper)**

**B A RURAL DEVELOPMENT  
FIRST SEMESTER END EXAMINATIONS**

Time:2 1/2hours

MAX MARKS:50

Answer all questions

3x10 =30

అన్ని ప్రశ్నలకు సమాదానములివ్వండి

1 (a) Explain the nature and scope of rural economics?

గ్రామీణ అర్థశాస్త్రం స్వభావం మరియు పరిధిని వివరింపుము

(or)

(a) Explain management and development of rural resources.

గ్రామీణ వనరులు నిర్వహణ మరియు అభివృద్ధి ని వివరింపుము

2 (a) What are the problems and prospects in the application of technology in rural Economics?

గ్రామీణ అభివృద్ధి లో సాంకేతికతను ప్రవేశపెట్టడంలో గల సమస్యలు మరియు అవరోధాల ను వివరింపుము

(or)

(b) What are the problems and challenges of high population?

ఎక్కువ జనాభా వల్ల సమస్యలు మరియు సవాళ్లను వివరింపుము

4.(a) what is rural poverty? Explain the causes of rural poverty?

గ్రామీణ పేదరికము అనగానేమి దానికి గల కారణాలను వివరింపుము

(or)

(b) What is unemployment? Explain the causes of unemployment.

నిరుద్యోగం అనగానేమి దానికి గల కారణాలను వివరింపుము

**II Answer any four of the following**

**4x5=20 Marks**

ఏవేని నాల్గింటికి సమాధానములివ్వండి

4. Relationship of rural economics with other disciplinarians

గ్రామీణ అర్థశాస్త్రం కు ఇతర శాస్త్రాలతో ఉన్న సంబంధాన్ని వివరింపుము

5. Characteristic of rural Economics

గ్రామీణ అర్థశాస్త్రం లక్షణాలు

6. Types are rural resources

గ్రామీణ వనరుల రకాలు

7. Family welfare measures

కుటుంబ సంక్షేమ చర్యలు

8. Nature rural of occupation

గ్రామీణ వృత్తుల స్వభావం

9. Occupational distribution in Rural India

గ్రామీణ భారతంలో వృత్తి వారి విభజన

10. Types of unemployment

నిరుద్యోగం రకాలు

11. Population size

జనాభా పరిమాణము

**I SEMESTER – ECONOMICS (CBCS PATTERN)**

**B.A Paper-I (Core Paper)**

**PAPER I: RURAL DEVELOPMENT**  
**FIRST SEMESTER END EXAMINATIONS**

Time: 2 ½ Hrs

Max. Marks: 50 M

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-II</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Unit-III</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-IV</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-V</b>	<b>2</b>	<b>1</b>	<b>3</b>
<b>Total Marks</b>	<b>60</b>	<b>40</b>	<b>100</b>

**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.**

**B.A PROGRAMME-ECONOMICS SYLLABUS FOR THE YEAR 2019-2020**

(CBCS PATTERN)

Second YEAR – Third SEMESTER

PAPER – 1 (CORE)

**Agriculture and Rural Labour**

HOURS:5, CREDITS:4

### **Module I : Agriculture and Rural Labour**

Meaning, Importance, Characteristics of Agriculture: New Agricultural Strategy, Green Revolution, Recent Trends in Agriculture Development in India, Agricultural Policy in India.

### **Module II : Land Reforms in India**

Tenancy Systems –Meaning,Forms, Consequences; Land ReformsConcepts, Importance, Progress and Current Status in India.

### **Module III: Farm Size and Efficiency in Rural Economy**

Meaning and Importance, Productivity and Profitability, Farm Size - Productivity and Profitability - Agriculture Productivity in India- Status, Problems, Remedies.

### **Module IV: Agricultural Labour**

Meaning, Types - Status and Magnitude - SocioEconomicCharacteristics - Agricultural Labour Problems Unemployment, Migration- Causes and Remedies.

### **Module V: Rural Labour**

Meaning, Types – Labour in Small and Cottage Industries. Rural Labour in Service Sector,Problems, Government Measures.

## Course Outcomes (Cos)

RD103	Agriculture and Rural labour	CO1	Sensitize the overall Development and engaging of growth in Agriculture
		CO2	Understand the limited resources availability in Economy
		CO3	Understand the depended labour and Agricultural sector and their contribution in National Income
		CO4	Knowledge about the labour dependency in different sector

## References:

1. Venkata Reddy, K. – Agriculture and Rural Development Himalaya Publication house.
2. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012.
3. Dutt and Sundaram- Indian Economy, S.Chand Publications, New Delhi, 2013-07-02
4. S.K. Mishra and V.K. Puri- Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012

**Section-A**

Answer the following questions

(4X10 = 40 Marks)

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

1. (a) Explain the importance of Agriculture Sector?

వ్యవసాయ రంగం యొక్క ప్రాధాన్యతను వివరించుము?

(or)

(b) What is Green Revolution? And impact of Green Revolution?

హరితవిప్లవము అనగానేమి? దాని ప్రభావాలను వివరించుము?

2. (a) Explain Tenancy reforms implements in India ?

భారత దేశంలో కౌలుసంస్కరణల అమలు గురించి వివరించుము

(or)

(b) Explain the concepts of land reforms in India?

భారతదేశంలో భూసంస్కరణల భావనలను వివరించుము ?

3. (a) What is Farm size and explain its productivity and profitability in farm size.

సాగు విధానం అనగానేమి? మరియు దాని యొక్క ఉత్పాదకతను మరియు లాభదాయకతను వివరించుము ?

(or)

(b)What is Migration? Explain the causes and remedies of Migration ?

వలస అనగానేమి ? వలసకు గల కారణాలను నివారణ చర్యలను వివరింపుము ?

4. (a) Explain the problems of Labour in Small scale Industries ?

చిన్నతరహా పరిశ్రమలో శ్రామికులు యొక్క సమస్యలను వివరించుము ?

(or)

(b) Explain the problems of labour in service sector.



సేవ రంగంలో శ్రామికుల యొక్క సమస్యలను వివరింపుము ?

**Section-B**

Answer any **Three** of the following questions (3X4 = 12Marks)

ఈ క్రింది వాటిలో మూడింటికి సమాదానములివ్వండి

- |   |                                       |
|---|---------------------------------------|
| 5. New Agricultural strategy              | నూతన వ్యవసాయ వ్యూహం                   |
| 6. Agricultural policy in India           | భారతదేశం వ్యవసాయ విధానం               |
| 7. Tenancy system                         | కౌలు వ్యవస్థ                          |
| 8. Agricultural labour                    | వ్యవసాయ శ్రామికులు                    |
| 9. Small Scale Industries in rural areas. | గ్రామీణ ప్రాంతంలో చిన్నతరహా పరిశ్రమలు |

**Section-C**

Answer **Four** of the following questions (4X2 = 8 Marks)

ఈ క్రింది వాటిలో నాల్గింటికి సమాదానములివ్వండి

- |                                       |                                |
|---------------------------------------|--------------------------------|
| 10. Green Revolution                  | హరితవిప్లవము                   |
| 11. Land Holiday                      | భూమి విరామం                    |
| 12. Farm size                         | సాగు విధానం                    |
| 13. Voluntary surrender               | స్వచ్ఛంద అప్పగింతు             |
| 14. Land ceiling                      | లాండ్ సిలింగ్                  |
| 15. HYVP (high yielding variety seed) | అధిక దిగుబడిని ఇచ్చే విత్తనాలు |
| 16. Discussed unemployment            | ప్రచ్ఛన్న నిరుద్యోగం           |

**III SEMESTER – ECONOMICS (CBCS PATTERN)**

**Paper-I (Core Paper)**

**Agriculture and Rural Labour**  
**THIRD SEMESTER END EXAMINATIONS**

Time: 3 Hrs

Max. Marks: 60 M

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>
<b>Unit-III</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-IV</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-V</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>
<b>Total Marks</b>	<b>80</b>	<b>20</b>	<b>14</b>	<b>114</b>

**B.Sc**

**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY. 2019-20**

**B.SC PROGRAMME – COURSE STRUCTURE IN ECONOMICS UNDER CBCS**

Sl. No	Paper	Name of Paper	Sem	Hour s/ Week	Credi ts	Marks		Total
						Mid Sem	Sem End	
1	I	Micro Economics-I – Value and Distribution	I	5	4	50	50	100
2	III	Macro Economics-II Banking and International Trade	III	5	4	40	60	100
3	V	Economic Development and Indian Economy	V	5	4	40	60	100
4	VI	Indian and Andhra Pradesh Economy	V	5	4	40	60	100
5		CERTIFICATE COURSE IN OFFICE MANAGEMENT		<b>Total 60hrs</b>	4	50 T	50 P	100

**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.**

**I SEMESTER – ECONOMICS (2019-20)**

**B.Sc- (CBCS PATTERN)**  
**Paper-I (Core Paper)**  
**Consumption and production**

Hours:5, Credits:4

**Unit -1: Introduction**

Nature, Definition and Scope of economics – Micro and Macro, Static and Dynamic, Normative and Positive – Inductive and Deductive approaches – Partial General Equilibrium- Choice as an Economic Problem-Applications of Micro Economics

**Unit -2: Utility Analysis**

Utility analysis – Cardinal and Ordinal approaches – Law of Diminishing marginal utility, Law of Equi-marginal utility – Indifference curves – Properties of Indifference curves – Price (Budget) line – Equilibrium of the consumer with the help of Indifference curves- Consumer Surplus

**Unit -3: Demand Analysis**

Law of Demand – Elasticity of Demand – Price, Income, and Cross elasticities,– Demand Forecasting- Meaning and Factors influencing Demand forecasting—Types of Demand

**Unit -4: Theory of Production**

Theories of production –Objectives of a firm- Factors of Production – Production function-Concept of homogeneous production function- Cobb-Douglas production function – Law of Variable Proportions, Law of Returns to Scale –Expansion Path

**Unit -5: Cost, Revenue and Supply Analysis**

Different Concepts of Revenue and costs, Envelope Curve - Equilibrium of the Firm – Break-Even analysis - theory of Supply – determinants of Supply – Supply function – Elasticity of supply – types of elasticity of supply- Effecting Factors of Supply

**[Additional Input Underlined]**

**Course Outcomes (Cos)**

ECO101	Micro Economics-I	CO1	How households (demand) and business (supply) firms interact in various
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			market structures to determine price and quantity of a good produced.
		CO2	Understand that Economics is about the allocation of scarce resources, that scarcity forces choice, trade-offs exist and that every choice has an opportunity cost.
		CO3	Demonstrate these concepts using a production possibility frontier diagram.
		CO4	Understand how comparative advantage provides the basis for gains through trade.

### Additional Inputs

S.NO	UNIT	Additional Input
1	I	Applications of Micro Economics
2	II	Consumer Surplus
3	III	Types of Demand
4	IV	Types of Demand
5	V	Effecting Factors of Supply

### Suggested Books:

1. R.G. Lipsey and K.A. Chrysal – “ECONOMICS” Oxford University press, 10/e 2004
2. Koutsoyiannis, A. (1979), Modern Microeconomics, (2<sup>nd</sup> edition), English Language Book Society/ Macmillan press, London
3. P.A. Samuelson & W.D Nordhaus – “ECONOMICS” Tata mc.Graw Hill, 18/e, 2005
4. N.Gregory Mankiw – “Principles of Economics”, Thompson, 4/e 2007
5. H.L. Ahuja – “Advanced Economic Theory”, S Chand, 2004
6. M.L.Sethy – “Micro Economics”, Laxmi Narayana Agarwal, 2007
7. D.M. Mithani & G.K Murthy – “Fundamentals of Business Economics”, Himalaya Publishing, 2007
8. Telugu Academy Publications
9. AUSSDE – Study material
10. Bilas, A.-“Micro economic Theory”, International Student edition, Mc. Graw Hill, 1971

**GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMGOVERNMENT  
COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM  
I SEMESTER – ECONOMICS (CBCS PATTERN)**

**Paper-I (Core Paper)**  
**Consumption and production**  
**FIRST SEMESTER END EXAMINATIONS**

Time: 2 ½ Hrs

Max. Marks: 50 M

**SECTION - A**

Answer the following questions

(3 X 10 = 30 M)

ఈ క్రింది ప్రశ్నలు అన్నింటికీ సమాధానాలు వ్రాయుము

1. (a). Define Economics? Distinguish between Micro and Macro Economics  
అర్థశాస్త్రమును నిర్వచించుము. సూక్ష్మ, స్థూల అర్థశాస్త్రముల మధ్య  
భేదములను తెల్పుము

(or)

- (b). Critically examine the law of diminishing marginal utility

క్షీణోపాంత ప్రయోజన సూత్రాన్ని విమర్శనాత్మకంగా వివరింపుము

- 2 (a). Explain the consumer equilibrium with the help of indifference curves

ఉదాసీనత వక్ర రేఖల సహాయంతో వినియోగదారుని సమతౌల్యం  
వివరింపుము

(or)

- (b). Explain the law of demand with its exceptions

డిమాండ్ సూత్రాన్ని మినహాయింపులతో వివరించండి

3. (a). Explain the law of variable proportions

చరానుపాతాల సూత్రాన్ని వివరింపుము

(or)

- (b). Explain the Law of returns to scale

తరహాననుసరించి ప్రతిఫలాల సూత్రాన్ని వివరించండి

**SECTION - B**

Answer any **Four** of the following

(4 X 5 = 20 M)

ఈ క్రింది వాటిలో ఏవైనా నాల్గింటికీ సమాధానాలు వ్రాయుము

4. Wealth Definition	సంపద నిర్వచనం
5. Normative – Positive Science	ప్రామాణిక- నిశ్చితశాస్త్రము
6. Cardinal – Ordinal Utility	కార్డినల్- ఆర్డినల్ ప్రయోజనం
7. Consumer Surplus	వినియోగదారుని మిగులు
8. Break Even Analysis	బ్రేక్- ఈవెన్ విశ్లేషణ
9. Determinants of Supply	సప్లై నిర్ణయించు అంశాలు
10. Budget Line	బడ్జెట్ రేఖ
11. Opportunity Cost	అవకాశవ్యయం

**I SEMESTER – ECONOMICS (CBCS PATTERN)**

**Paper-I (Core Paper)**

**Consumption and production**

**FIRST SEMESTER END EXAMINATIONS**

**Time: 2 ½ Hrs**

**Max. Marks: 50 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (5 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>3</b>
<b>Unit-III</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-IV</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-V</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Total Marks</b>	<b>60</b>	<b>40</b>	<b>100</b>

**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.**



**B.Sc PROGRAMME – ECONOMICS Syllabus for the year 2019-20**

**(CBCS PATTERN)**

**SECOND YEAR – THIRD SEMESTER**

**PAPER – 3 (CORE)**

**TITLE: MACRO – ECONOMICS -1  
(INCOME, EMPLOYMENT AND MONEY)**

**Hours:5, Credits:4**

**Unit-I: Introduction**

Micro and Macro Economics- Evolution of Macro Economics- Meaning, Definition and importance of Macro Economics – Macro Economic variables –Limitations of Macro Economics-Scope of Macro Economics

**Unit-II: National Income**

Meaning, Definitions of National Income – Concepts: GNP & NNP, GDP &NDP, Personal Income (PI), Disposable Income (DI), Per Capita Income (PCI), Real National Income (RNI) – Methods of Estimation of National Income (NI) –Measurement of National Income in India – Problems in measurement of National Income –Circular Flow of Income-Problems of Measurement of National Income-Social Accounts.

**Unit-III: Money and Theories of Money**

Evolution of Money- Meaning and Functions of Money - Classification of money - Gresham's Law - RBI classification of Money. Theories of Money - Fisher's Quantity theory of Money-Cambridge approach (Marshall, Pigou, Robertson & Keynes)-Role of Money in Mixed Economy

**Unit-IV: Theories of Employment-Classical**

Classical theory of employment - Saving and investment equilibrium- Say's law of markers- The Equations of Classical and Keynesian Models

**Unit-V: Theories of Employment-Keynes**

Keynesian theory of employment – Consumption function – APC, MPC, factors influencing consumption function – Investment function – MEC and Rate of Interest. The concepts of Multiplier and Accelerator – Types of Investment

**Course Outcomes (Cos)**

ECO103	Macro Economics-I	CO1	Difference between Micro and Macro Economics, importance of macro Economics and Macro Economic variables
		CO2	Define and explain the process of calculating national income, identify its components, demonstrate circular flow of income, analyse the various identities with government and international trade
		CO3	Demonstrate the meaning and functions of money, illustrate various versions of quantity theory of money
		CO4	Explain the meaning of consumption function, relationship between APC and MPC, consumption and income, concept of multiplier and accelerator, MEC and rate of interest.

### Additional Inputs

S.NO	UNIT	Additional Input
1	I	Scope of Macro Economics
2	II	Problems of Measurement of National Income-Social Accounts.
3	III	Role of Money in Mixed Economy
4	IV	The Equations of Classical and Keynesian Models
5	V	Types of Investment

### Books for Reference:

1. G Ackley, *Macro Economics Theory and Policy*, Collier Macmillan, 1978.
2. M L Seth, *Macro Economics*, Lakshmi Narayana Agarwal, 2006.
3. K P M Sundaram, *Money Banking & International Trade*, Sultan Chand, 2006.
4. *Telugu Academy*, Publications.
5. M N Mishra & S B Mishra, *Insurance Principles & Practice* S Chand 2007.
6. E. Shapiro - "Macro Economic Analysis", Galgotia Publications, 1999.
7. Central Statistical Organisations - "National Accounts Statistics".
8. R. Dornbush, S. Fisher and R. Startz - "Macro Economics", Tata Mc.Graw Hill, 9/e, 2004.
9. Dillard, D - "The Economics of John Maynard Keynes", Crosby Lockwood & Sons

GOVERNMENT COLLEGE (AUTONOMOUS) ::

RAJAMAHENDRAVARAM

**Model Question Paper 2019-20**

II B.Sc Paper –III: MACRO ECONOMICS 1

III SEMESTER END EXAMINATIONS

Time: 3 Hrs

Max. Marks: 60

**SECTION - A**

Answer the following questions

(4 X 10 = 40)

ఈ క్రింది ప్రశ్నలు అన్నింటికీ సమాధానాలు వ్రాయుము

1 (a) Define Macro Economics? Explain its importance

స్థూల అర్థశాస్త్రమును నిర్వచించి, దాని ప్రాముఖ్యతను వివరింపుము

(or)

(b). Define National Income? Explain the methods of measuring of National Income

జాతీయాదాయాన్ని నిర్వచించి, జాతీయాదాయమును మదించు పద్ధతులను వివరింపుము

2 (a). Explain the circular flow of income in two sector model

రెండు రంగాల ఆర్థిక వ్యవస్థలో చక్రీయ ఆదాయ ప్రవాహాన్ని వివరింపుము

(or)

(b). What is Money? Discuss the functions of money in a growing economy like India

ద్రవ్యం అనగా నేమి? భారతదేశం వంటి అభివృద్ధి చెందుతున్న దేశంలో ద్రవ్యం విధులను చర్చించండి

3(a). Critically examine the Fisher's quantity theory of money

ఫిషర్ పరిమాణాత్మక ద్రవ్యరాశి సిద్ధాంతాన్ని విమర్శనాత్మకంగా పరిశీలించండి

(or)

(b). Critically examine the classical theory of employment

సాంప్రదాయ ఉద్యోగితా సిద్ధాంతాన్ని విమర్శనాత్మకంగా పరిశీలించండి

4 (a). Explain Keynesian theory of employment

కీన్స్ ఉద్యోగితా సిద్ధాంతాన్ని వివరింపుము

(or)

(b). What is Multiplier? How far is it applicable to developing countries like India?

గుణకం అనగా నేమి? భారతదేశం లాంటి అభివృద్ధి చెందుతున్న దేశాలకు ఇది ఎంత వరకు వర్తిస్తుంది

**SECTION - B**

Answer any **THREE** of the following

(3 X 4 = 12)

ఈ క్రింది వాటిలో ఏవైనా మూడింటికీ సమాధానాలు వ్రాయుము

5. Macro- Economic Variables

ఆర్థిక చలంకాలు

- |   |                           |
|---|---------------------------|
| 6. Components of National Income        | జాతీయాదాయంలోని భాగాలు     |
| 7. Gresham's Law                        | గ్రేషం సూత్రము            |
| 8. J.B. Say's Law of Market             | జె.బి.సే. మార్కెట్ సూత్రం |
| 9. Marginal Efficiency of Capital (MEC) | ఉపాంత మూలధన సామర్థ్యము    |

**SECTION - C**

Answer any **FOUR** of the following in one or two sentences (4 X 2 = 8)

ఈ క్రింది వాటిలో ఏవైనా నాల్గింటికి సమాధానాలు వ్రాయుము

- |                                    |                         |
|------------------------------------|-------------------------|
| 10. Macro Economics                | స్థూల అర్థశాస్త్రం      |
| 11. Net National Product           | నికర జాతీయోత్పత్తి      |
| 12. Gross National Income          | స్థూల జాతీయోత్పత్తి     |
| 13. Broad Money                    | విస్తృత ద్రవ్యం         |
| 14. Wage Cut Policy                | వేతన కోత విధానము        |
| 15. Marginal Propensity to consume | ఉపాంత వినియోగ ప్రవృత్తి |
| 16. Accelerator                    | వేగత్వరణము              |

**III SEMESTER – ECONOMICS (CBCS PATTERN)**

**Paper-III (Core Paper)**

**INCOME, EMPLOYMENT AND MONEY**

**THIRD SEMESTER END EXAMINATIONS**

**Time: 3 Hrs**

**Max. Marks: 60 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>
<b>Unit-III</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-IV</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-V</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>
<b>Total Marks</b>	<b>80</b>	<b>20</b>	<b>14</b>	<b>114</b>

**GOVERNMENT COLLEGE (A), RAJAMAHENDRAVARAM**

**B. A. ECONOMICS**

**III Year B.Sc. Programme (UG) Courses – Under CBCS**

**Semester – V, Paper – V (Core Paper)**

**Paper V: Economic Development and Indian Economy**

**HOURS: 5**

**CREDIT:4**

**Module - 1**

Concept of Economic Growth - Distinction between economic growth and development - Measurement of economic development - Theories of Economic Growth: Adam Smith, Rostow, Karl Marx and Harrod & Domar Models.

**Module - 2**

Sustainable development - Balanced and unbalanced growth-choice of techniques Labour intensive and capital intensive methods.

**Module - 3**

Basic features of the Indian Economy - Natural Resources - Important Demographic features- Concept of Population Dividend - Population Policy.

**Module - 4**

National Income in India - trends and composition-poverty, inequalities and Unemployment - Measures taken by the Government. - MGNREGS

**Module - 5**

Economic reforms - liberalization, privatization and globalisation - concept of inclusive growth.

## Course Outcomes (Cos)

ECO123	Economic Development and Indian Economy	CO1	To introduce students to the wide ranging policy issues and theories in development Economics
		CO2	Understand the various aspects of Indian Economy
		CO3	Develop a perspective on the different problems and approaches to Economic plans
		CO4	Understand the role of the Indian Economy in the global context and how different factors have affected this process

### REFERENCES:

1. Dhingra, I.C - "Indian Economy", Sultan Chand, 2014.
2. Ruddar Dutt and K.P.M. Sundaram - "Indian Economy", S.Chand & Co., 2015.
3. G.M.Meier -"Leading Issues in Economic Development", Oxford University Press, New York,.
4. M.P.Todaro - "Economic Development", Longman, London 6/e, 1996.
5. Reserve Bank of India - Hand book of Statistics on Indian Economy (Latest).
6. S.K.Misra & V,K,Puri - "Indian Economy", Himalaya Publishing House, 2015.
7. R.S.Rao, V.Hanumantha Rao & N.Venu Gopal (Ed) - Fifty Years of Andhra Pradesh (1956-2006), Centre for Documentation, Research and Communications, Hyderabad, 2007.
8. G.Omkarnath - Economics - A Primer for India - Orient Blackswan, 2012.
9. Benjamin Higgins - Economic Development
10. Telugu Academy Publications. 11. Dr. Ch.S.G.K. Murthy, Indian Economy - Gitam University

Government College (Autonomous), Rajamahendravaram  
III-B.Sc Economics – Semester-V  
Under CBCS

Paper-V **Economic Development and Indian Economy**

Time: 3 hours

Max. Marks: 60

**Section-A**

Answer the following questions

(4X10 = 40 Marks)

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

1. (a) Explain the Distinction between Economic Growth and Development?

ఆర్థికవృద్ధికి ఆర్థికాభివృద్ధికి మధ్య గల భేదాలను వివరించుము?

(or)

(b) Explain the Harad and Domar models of Economic Growth?

హారాడ్ మరియు డోమార్ ఆర్థికవృద్ధి నమూనాని వివరించుము?

2. (a) Explain the Balanced and Unbalanced Growth Theories?

సంతులిత మరియు అసంతులిత వృద్ధి సిద్ధాంతములను వ్రాయుము?

(or)

(b) Explain the Difference between Labour Intensive and Capital

Intensive Methods?

శ్రమసాంద్రత మరియు మూలధనసాంద్రత పద్ధతుల మధ్య భేదాలను వివరించుము?

3. (a) Explain the Basic Features of Indian Economy?

ఆర్థిక వ్యవస్థ యొక్క ముఖ్య లక్షణాలను వివరించుము ?

(or)

(b) Explain the Role of Natural Resources in Economic development?

ఆర్థికాభివృద్ధి లో సహజ వనరుల పాత్రను వివరించుము ?

4. (a) what is Poverty/ Explain the Causes and Remedial of Poverty ?

పేదరికం అనగానేమి ? పేదరికానికి గల కారణాలను మరియు నివారణా చర్యలను వివరించుము ?



(or)

(b) Explain the New Economic Reforms of 1991?

1991 నూతన ఆర్థిక సంస్కరణలను వ్రాయుము ?

**Section-B**

Answer any **Three** of the following questions

(3X4 = 12

Marks)

ఈ క్రింది వాటిలో మూడింటికి సమాదానములివ్వండి

5. Rowstow's Stages of Economic Growth -

రోస్టర్ ఆర్థిక వృద్ధి దశలు

6. Sustainable Development

కొనసాగించగల అభివృద్ధి

7. Population policy

జనాభా విధానం

8. Types of Unemployment

నిరుద్యోగ రకాలు

9. Concept of Inclusive Growth

సమతౌల్యత భావనలు

**Section-C**

Answer **Four** of the following questions

(4X2 = 8 Marks)

ఈ క్రింది వాటిలో నాల్గింటికి సమాదానములివ్వండి

10. Economic Growth

ఆర్థిక వృద్ధి

11. MGNREGS

మహాత్మాగాంధీ జాతీయ గ్రామీణ ఉపాధి హామి పథకం

12. Human Development Index

మనవాభివృద్ధి సూచిక

13. Population Explosion

జనాభా విస్ఫోటనం

14. Poverty Line

పేదరికాపు గీత

15. Per Capita Income

తలసరి ఆదాయం

16. Globalisation

ప్రపంచీకరణ

**V SEMESTER – ECONOMICS (CBCS PATTERN)**  
**B.A Paper-V (Core Paper)**  
**Economic Development and Indian Economy**  
**FIFTH SEMESTER END EXAMINATIONS**

Time: 3 Hrs

Max. Marks: 60 M

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>
<b>Unit-II</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>6</b>
<b>Unit-III</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>
<b>Unit-IV</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>Unit-V</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>
<b>Total Marks</b>	<b>80</b>	<b>20</b>	<b>14</b>	<b>114</b>

**GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY**

**B. A. ECONOMICS**

**III Year B. Sc. Programme (UG) Courses – Under CBCS**

**Semester – V**

**Paper – VI (Core Paper)**

**PAPER VI: Indian and Andhra Pradesh  
Economy**

**HOURS: 5**

**CREDIT:4**

**Module - 1**

Indian Agriculture - Importance of Agriculture in India - Agrarian structure and relations- Factors determining Productivity- Agricultural Infrastructure - Rural credit - Micro Finance - Self Help Groups (SHGs) - Agricultural Price policy- concept of Crop Insurance - Food Security.

**Module – 2**

Structure and growth of Indian Industry - Industrial policies of 1956 & 1991 Meaning of Micro small and Medium Enterprises (MSMEs)- Problems and Prospects of small scale Industries in India.

**Module – 3**

Disinvestment in India - FEMA - Foreign direct investment - Services Sector in India – Reforms in Banking and Insurance -, IT, Education and Health.

**Module - 4**

Planning in India Economy - Objectives of Five year plans - Review of Five year Plans - Current Five year plan- NITI Aayog

**Module - 5**

Andhra Pradesh Economy - Population - GSDP - Sector Contribution and trends - IT – Small Scale Industry - SEZs.

## Course Outcomes (Cos)

ECO124	Indian and Andhra Pradesh Economy	CO1	Develop idea about basic characteristics of Indian and AP Economy
		CO2	Understand the importance, causes and impact of population growth and its distribution, translate and relate them with Economic Development
		CO3	Gross the importance of planning under taken by the government of India
		CO4	Understand the Agriculture as the foundation of Economic growth and development and its contribution to the Economy as a whole

### REFERENCES:

1. Dhingra, I.C - "Indian Economy", Sultan Chand, 2014.
2. Ruddar Dutt and K.P.M. Sundaram - "Indian Economy", S.Chand & Co., 2015.
3. G.M.Meier - "Leading Issues in Economic Development", Oxford University Press, New York, 3/e.
4. M.P.Todaro - "Economic Development", Longman, London 6/e, 1996.
5. Reserve Bank of India - Hand book of Statistics on Indian Economy (Latest).
6. S.K.Misra & V,K,Puri - "Indian Economy", Himalaya Publishing House, 2015.
7. R.S.Rao, V.Hanumantha Rao & N.Venu Gopal (Ed) - Fifty Years of Andhra Pradesh (1956-2006), Centre for Documentation, Research and Communications,Hyderabad, 2007.
8. G.Omkarnath - Economics - A Primer for India - Orient Blackswan, 2012.
9. Telugu Academy Publications.
10. Dr.Ch.S.G.K.Murthy, Indian Economy - Gitam University.

Government College (Autonomous), Rajamahendravaram  
III-B.Sc Economics – Semester-V  
Under CBCS

**Paper-VI: Indian and Andhra Pradesh Economy**

Time: 3 hours

Max. Marks:

60

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**Section-A**

Answer the following questions

(4X10 = 40

Marks)

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

1. (a) Explain the importance of agriculture in India?

భారతదేశంలో వ్యవసాయరంగం యొక్క ప్రాధాన్యతను వివరించుము ?

(or)

(b) Explain the reasons for low agricultural productivity in India?

భారతదేశంలో అల్పవృత్పాదకతకు గల కారణాలను వివరించుము ?

2. (a) Explain the new Industrial policy 1991?

1991 నూతన పారిశ్రామిక విధానం వివరించుము ?

(or)

(b) Explain the problems & prospects of small scale industries in India?

భారతదేశంలో చిన్నతరహా పరిశ్రమలలో సమస్య మరియు అవకాశాలను వివరించుము ?

3. (a) Explain the Disinvestment policy in India?

భారతదేశంలో పెట్టుబడిఉపసంహరణ విధానం గురించి వివరించుము ?

(or)

(b) Explain the in banking and insurance sector?

బ్యాంకింగ్ మరియు భీమా సంస్కరణలను గురించి వ్రాయుము

4. (a) what is objectives of five year plan ?

పంచవర్ష ప్రణాళిక లక్ష్యాలను వ్రాయుము ?

(or)

(b) What is the special economic zone in AP (SEZS)?

ఆంధ్రప్రదేశ్లో ప్రత్యేక అర్ధికమండలు గురించి వ్రాయుము ?

### **Section-B**

Answer any **Three** of the following questions (3X4 = 12 Marks)

ఈ క్రింది వాటిలో మూడింటికి సమాదానములివ్వండి

- |                              |                            |
|------------------------------|----------------------------|
| 5. Self-help groups          | స్వయం సహాయక బృందాలు        |
| 6. Food security             | ఆహారభద్రత                  |
| 7. Growth of Indian industry | భారతదేశ పారిశ్రామిక వృద్ధి |
| 8. Education and health      | విద్య మరియు ఆరోగ్యం        |
| 9. NITI Aayog                | నితిఆయోగ్                  |

### **Section-C**

Answer **Four** of the following questions (4X2 = 8 Marks)

ఈ క్రింది వాటిలో నాల్గింటికి సమాదానములివ్వండి

- |                    |                              |
|--------------------|------------------------------|
| 10. Rural credit   | గ్రామీణ పరపతి                |
| 11. Crop insurance | పంట భీమా                     |
| 12. FEMA ACT       | ఫేమా చట్టం                   |
| 13. IT Sector      | ఐ టి రంగం                    |
| 14. Privatization  | ప్రైవేటికరణ                  |
| 15. FDI            | విదేశీ ప్రత్యక్ష పెట్టుబడులు |
| 16. Plan Holiday   | ప్రణాళిక విరామం              |

**V SEMESTER – ECONOMICS (CBCS PATTERN)**  
**B.A Paper-VI (Core Paper)**  
**PAPER VI: Indian and Andhra Pradesh Economy**

**FIFTH SEMESTER END EXAMINATIONS**

**Time: 3 Hrs**

**Max. Marks: 60 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-II</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>6</b>
<b>Unit-III</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Unit-IV</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>
<b>Unit-V</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>
<b>Total Marks</b>	<b>80</b>	<b>20</b>	<b>14</b>	<b>114</b>

**B.Sc . Econometrics**  
 Government College (A), Rajamahendravaram  
**B.Sc . Econometrics Restructured Course Structure 2019-20**

Semester	Paper	Subject	Hrs.	Credits	IA	ES	Total
<b>FIRST YEAR</b>							
Semester I	Paper-I	Microeconomics	6	5	50	50	100
Semester II	Paper-II	Macroeconomics	6	5	50	50	100
<b>SECOND YEAR</b>							
Semester III	Paper-III	Mathematical Economics	6	5	40	60	100
Semester IV	Paper-IV	Quantitative Techniques	6	5	40	60	100
<b>THIRD YEAR</b>							
Semester V	Paper-V	Econometrics	5	5	25	75	100
	Paper-VI	Econometric models	5	5	25	75	100
Semester VI*	Paper-VII	Computers and its applications Or Advanced Optimization Methods	5	5	25	75	100
Semester VI*	Cluster-1	Economics of Insurance	5	5	25	75	100
		Advanced Econometrics	5	5	25	75	100
		Project	5	5	25	75	100
	Cluster-2	Applied Econometrics	5	5	25	75	100
		Econometric Tools in Business	5	5	25	75	100
		Project	5	5	25	75	100



**B.Sc. (Econometrics)**  
**SEMESTER-I Paper-I**  
**MICROECONOMICS**

**Unit 1: Introduction**

Nature and scope of economics; Methodology in economics; Choice as an economic problem; basic postulates; Role of price mechanism; Demand and supply; Basic framework — applications; Market equilibrium.

**Unit 2: Consumer's Behaviour**

Utility — Cardinal and ordinal approaches; Indifference curve; Consumer's equilibrium (Hicks and Slutsky); Giffin goods; Compensated demand; Elasticity of demand — Price, income and cross; Consumer's surplus; Engel curve.

**Unit 3 : Theory of Production and Costs**

Production decisions; Production function; Iso-quant; Factor substitution; law of variable proportions; returns to scale; economies of scale; Different concepts of cost and their interrelation; Equilibrium of the firm; Expansion path; Empirical evidence on costs.

**Unit 4: Market Structure**

Market forms — Perfect and imperfect markets; Equilibrium of a firm — Perfect competition, monopoly and price discrimination; Measure of monopoly power; Monopolistic competition; Duopoly, Oligopoly; Taxation and equilibrium of a firm; Notion of controlled and administered prices.

**Unit 5 : Factor Pricing**

Marginal productivity theory of distribution; Theories of wage determination; Wages and collective bargaining; Wage differentials; Rent — Scarcity rent; Differential rent; Quasi rent; Interest — Classical and Keynesian theories; Profits — Innovation, risk and uncertainty theories. Concept of a social welfare function; Compensation principle — Kaldor, Hicks.

**BASIC READING LIST**

- ! Bach, G.L. (1977), Economics, Prentice Hall of India, New Delhi.
- ! Gauld, J.P. and Edward P. L. (1996), Microeconomic Theory, Richard. Irwin, Homewood.
- ! Henderson J. and R.E. Quandt (1980), Microeconomic Theory : A Mathematical Approach, McGraw Hill, New Delhi.
- ! Heathfield and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan, London.
- ! Koutsoyiannis, A. (1990), Modern Microeconomics, Macmillan.
- ! Lipsey, R.G. and K.A. Chrystal (1999), Principles of Economics (9th Edition), Oxford University Press, Oxford.
- ! Mansfield, E. (1997), Microeconomics (9th Edition), W.W. Norton and Company, New York.
- ! Ray, N.C. (1975), An Introduction to Microeconomics, Macmillan Company of India Ltd., Delhi.
- ! Ryan, W.J.L. (1962), Price Theory, Macmillan and CO. Limited, London.
- ! Samuelson, P.A. and W.D. Nordhaus (1998), Economics, Tata McGraw Hill, New Delhi.
- ! Stonier, A.W. and D.C. Hague (1972), A Textbook of Economic Theory, ELBS & Longman Group, London.
- ! Varian, H.R. (2000), Intermediate Microeconomics : A Modern Approach (5th Edition), East-West Press, New Delhi.

**GOVERNMENT COLLEGE (A) RAQJAMAHENDRAVARAM**  
**B.SC ECONOMETRICS**  
**SEMESTER, MICRO ECONOMICS-I**  
**PAPER-I**

**TIME: 2 ½ HRS**

**MAX MARKS:50**

**I. Answer the following the questions**

**3x10=30**

1.(a) Define economics and explain the nature and scope economics.

(or)

(b) Explain the consumer equilibrium with the help of indifference curves

2.(a) What is elasticity of demand? Explain different types of elasticity of demand.

(or)

(b) Explain the law of variable proportions.

3. (a) How is price determined under perfect competitions.

(or)

(b) Explain the Marginal productivity theory of distribution.

**II Answer any Four of the following**

**4x5=20**

4. Inductive and deductive methods
5. Micro Economics and macro economics
6. Types of Economics of scale.
7. Price determined
8. Engel curve
9. Characteristics features of duopoly
10. Differential rent
11. Innovation theory of profit

**I SEMESTER – ECONOMETRICS (CBCS PATTERN)**

**Paper-I(Core Paper)**

**MICRO ECONOMICS-I**

**FRIST SEMESTER END EXAMINATIONS**

**Time: 2 ½ Hrs**

**Max. Marks: 50**

**M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (5) marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>2</b>	<b>2</b>	<b>4</b>
<b>Unit-II</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Unit-III</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-IV</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Unit-V</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Total Marks</b>	<b>60</b>	<b>40</b>	<b>100</b>

**B.Sc . (Econometrics) 2019-20**  
**SEMESTER-III Paper-III**  
**MATHEMATICAL ECONOMICS**

**Unit 1 : Quantitative Methods**

Variable, constants and parameters; Simple functional relationship and their graphs; Elementary ideas of differential and integral calculus; Matrix and determinants; Solution of simultaneous equations; Quadratic equations; Difference and differential equations.

**Unit 2 : Consumer Theory**

Utility function; budget line; Constrained optimization; Consumer's equilibrium; Income effect; substitution effect and price effect; Slutsky equation; Derivation of demand curve; Elasticity of demand; Consumer's surplus.

**Unit 3 : Theory of Production**

Properties of production function — Homogeneous and non-homogeneous; Cobb-Douglas, CES, Returns to scale; Technology progress and production function; Choice of optimal combination of factors of production; Cost and revenue functions; Derivation of cost curves; Relation between total, average and marginal cost and revenue; Producer's surplus; Production possibility curve; Adding up theorem.

**Unit 4 : Market Structure/Pricing**

Concept of equilibrium; Equilibrium of the firm under perfect competition, monopoly, price discrimination, monopolistic competition; Subsidies and taxes; Economies of scale; Market equilibrium; Economic interpretation of time lag in function; Cobweb model.

**Unit 5 : Input-Output Analysis, Linear Programming**

Input-output analysis; The simple closed and open model; Linkages, concepts and measurement; Dynamic input-output model; Linear programming — Basic concepts, primal and dual; Basic theorem of linear programming; Graphic and simplex method.

## Course Outcomes (Cos)

EMT103	Mathematical Economics	CO1	Understand the Quantitative methods of Economics
		CO2	Graphical Explanation of Consumer Theory concepts
		CO3	Mathematical Explanation of Production Functions
		CO4	Explain Equilibrium in different Market Structures and analyse input output analysis and Linear programming

### Additional Inputs

S.NO	UNIT	Additional Input
1	I	
2	II	
3	III	
4	IV	
5	V	

### BASIC READING LIST

- Allen, R.G.D. (1974), Mathematical Analysis for Economists, Macmillan Press, London.
- Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.
- Colell, A. Mas et. al. (1991), Microeconomic Theory, Harvard University Press, Cambridge, Mass.
- Hands, D.W. (1991), Introductory Mathematical Economics, D.C. Heath.
- Henderson, J. and R.E. Quandt (1980), Microeconomic Theory : A Mathematical Approach, McGraw Hill, New Delhi.
- Handy, S.T. (1997), Operations Research, Prentice-Hall of India, New Delhi.
- Mukherji, B. and V. Pandit (1982), Mathematical Method of Economic Analysis, Allied Publishers, New Delhi.

**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.**

**IV SEMESTER – ECONOMICS (2019-20)**

**FOURTH SEMESTER END EXAMINATIONS – APRIL – 20019**

**II B.SC. – ECONOMETRICS**

**QUANTITATIVE TECHNIQUES**

Date: 18-04-2019

Max. Marks: 60

Time: 3 Hrs

**SECTION – A**

**Answer the following**

1. a) Explain equilibrium of a firm and consumer.

(OR)

b) Explain the Consumer surplus with the help of suitable diagram.

2. a) Define matrix and explain different types of matrices

(OR)

b) Explain Graphical method for solving a LPP

3. a) The marks secured by 10 students in two testes are given below. Find Karl Pearson coefficient of correlation

S.NO	1	2	3	4	5	6	7	8	9	10
X	10	15	12	17	13	16	24	14	22	20
Y	30	42	45	46	33	34	40	35	39	38

(OR)

b) Define Time Series and explain components of Time series.

4. a) For the following data, construct index number for current year given by Fisher

Items	P	Q	R	Sjjj	T
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P1	15	16	12	65	10
Q1	25	10	1	1	1
P0	12	10	15	60	3
Q0	20	8	2	1	2

(OR)

b) Define mathematical expectation. State and prove addition theorem for expectation for and random variables.

### SECTION – B

**Answer any THREE of the following**

5. Write the relationship between average cost and marginal cost.
6. Explain the structure of a LPP
7. Write the uses of Regression analysis.
8. Explain multiple correlations with example.
9. Give formula for Laspeyer's Index Number and Paasche's Index number.
10. Define poisson distribution. Write down additive property of poisson distribution.

### SECTION – C

**Answer any FOUR of the following**

11. Find  $d/dx (5x^2 + 3x + 2)$
12. Define simple static model
13. Give formula for Spearman Rank correlation.
14. Define regression coefficients.
15. Define Time series
16. Give formula for Binomial distribution (pmf)
17. Define Normal distribution probability density function

**III SEMESTER – ECONOMETRICS (CBCS PATTERN)**

**Paper-III (Core Paper)**

**MATHEMATICAL ECONOMICS**

**THIRD SEMESTER END EXAMINATIONS**

**Time: 3 Hrs**

**Max. Marks: 60 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-III</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>
<b>Unit-IV</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-V</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>
<b>Total Marks</b>	<b>80</b>	<b>24</b>	<b>14</b>	<b>118</b>



**B.Sc. (Econometrics) 2019-20**  
**SEMESTER-V Paper-V**  
**ECONOMETRICS**

**Unit 1: Basic Econometrics**

Nature, meaning and scope of econometrics; Simple and general linear regression model — Assumptions, Estimation (through OLS approach) and properties of estimators; Gauss-Markov theorem; Concepts and derivation of R<sup>2</sup> and adjusted R<sup>2</sup>; Concept and analysis of variance approach and its application in regression analysis; Estimation of non-linear equations — parabolic, exponential, geometric, hyperbolic, modified exponential; Gompertz and logistic functions.

**Unit 2: Problems in Regression Analysis**

Nature, test, consequences and remedial steps of problems of heteroscedasticity; Multicollinearity and auto-correlation; Problems of specification error; Errors of measurement.

**Unit 3: Regressions with Qualitative Independent Variables**

Dummy variable technique — Testing structural stability of regression models comparing to regressions, interaction effects, seasonal analysis, piecewise linear regression, use of dummy variables, regression with dummy dependent variables; The LPM, Logit, Probit and Tobit models — Applications.

**Unit 4: Dynamic Econometric Model**

Autoregressive and distributed lag models — Koyak model, Partial adjustment model, adaptive expectations; Instrumental variables; Problem of auto-correlation — Application; Almon approach to distributed-lag models; Error correlation mechanism, Causality test, Granger test and Sim's test.

**Unit 5: Time Series Analysis**

Stationarity, unit roots, co-integration-spurious regression, Dickey-Fuller test, Engle-Granger test, Random walk model, Forecasting with ARIMA modelling; Box-Jenkins methodology; Vector autoregression; Problems with VAR modelling — Applications; Time varying parameters and Kalman filter

## Course Outcomes (Cos)

EMT105	Econometrics	CO1	Construct test and analyse Econometric models using variables and relationships commonly found in studies of Econometric theory
		CO2	Collect organize and analyse Economic data and interpret result from statistically analyses
		CO3	Identified the desirable properties of estimators
		CO4	Identified key classical assumptions in the field of Econometrics

### BASIC READING LIST

- Amemiya, T. (1985), Advanced Econometrics, Harvard University Press, Cambridge, Mass.
- Baltagi, B.H. (1998), Econometrics, Springer, New York.
- Dongherty, C. (1992), Introduction to Econometrics, Oxford University Press, New York.
- Goldberger, A.S. (1998), Introductory Econometrics, Harvard University Press, Cambridge, Mass.
- Gujarati, D.N. (1995), Basic Econometrics (2nd Edition), McGraw Hill, New Delhi.
- Hill R. C., E.G. William and G.G. Judge (1997), Undergraduate Econometrics, Wiley, New York.
- Kennedy. P. (1998), A Guide to Econometrics (4th Edition), MIT Press, New York.
- Kmenta, J. (1997), Elements of Econometrics (Reprint Edition), University of Michigan Press, New York.
- Koutsoyiannis, A. (1977), Theory of Econometrics (2nd ed.), The Macmillan Press Ltd., London.
- Krishna, K.L. (Ed.) (1997), Econometric Applications in India, Oxford University Press, New Delhi.
- Maddala, G.S. (Ed.) (1993), Econometrics Methods and Application (2 Vols. ), Aldershot U.K.
- Theil, H. (1981), Introduction to Econometrics, Prentice Hall of India, New Delhi.

**GOVERNMENT COLLEGE (A) RAQJAMAHENDRAVARAM**  
**B.SC ECONOMETRICS**  
**V SEMESTER, ECONOMETRICS**  
**PAPER-V**

**TIME: 3HRS**

**MAX MARKS:60**

**I. Answer the following the questions**

**4x10=40**

1.(a) (or)

(b)

2.(a)

(or)

(b)

3. (a)

(or)

(b)

4.(a) (or)

(b)

**II Answer any three of the following**

**3x4=12**

5.

6.

7.

8.

9.

10.

**II Answer any four of the following**

**4x2=8**

11. 15.

12. 16.

13. 17.

14 |

**V SEMESTER – ECONOMETRICS (CBCS PATTERN)**

**Paper-V (Core Paper)**

**Econometrics**

**FIFTH SEMESTER END EXAMINATIONS**

**Time: 3 Hrs**

**Max. Marks: 60 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-III</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>
<b>Unit-IV</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-V</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>
<b>Total Marks</b>	<b>80</b>	<b>24</b>	<b>14</b>	<b>118</b>

**B.Sc. (Econometrics) 2019-20**  
**SEMESTER-V Paper-VI**  
**ECONOMETRIC METHODS**

**Unit 1 : Introduction**

Definition and scope of econometrics; The methodology of econometric research; Specification and estimation of an econometric model; Basic concepts of estimation; Desirable properties of estimators; Unbiasedness, efficiency, consistency and sufficiency.

**Unit 2 : Simple Regression Analysis and Theoretical Distribution**

Statistical vs. deterministic relationships; Correlation and regression; Coefficient of determination; Estimation of an equation; Theoretical frequency distribution and application of binomial, poisson and normal; Testing of hypothesis; Type-I and Type-II errors; Standard errors, Tests based on Z, t and  $\chi^2$  (Chi-square) statistics.

**Unit 3 : Estimation Theory**

Ordinary least squares (OLS) method — Assumptions; Gauss-Markov Theorem; Testing of regression coefficient; Test for regression as a whole, Coefficient of determination, F-test.

**Unit 4 : Problems in OLS Estimation**

Problems of heteroscedasticity; Auto correlation (first order); Multicollinearity — their consequences, tests and remedies.

**Unit 5 : Lag Models and Summary Variables**

Lags in econometric models — Concepts, Koyck model; Partial adjustment and adaptive expectation models; Summary variables; qualitative data; Seasonal analysis; Use of dummy variables for pooled data; Proxy variable — Concept and uses.

## Course Outcomes (Cos)

EMT106	Econometric Methods	CO1	Demonstrate a comprehensive knowledge and advanced understanding of econometrics
		CO2	Understand and appreciate the challenges of empirical modelling in economics
		CO3	Learn how to conduct empirical studies as well as how to analyze and interpret results.
		CO4	Formulate and estimate correlation and their consequences.

### BASIC READING LIST

- Greene, W. (1997), *Econometric Analysis*, Prentice Hall, New York.
- Griffith, W.F., R.H. Hill and G.G. Judge (1993), *Learning and Practicing Econometrics*, John Wiley, New York.
- Gujrati, D. (1995), *Basic Econometrics*, (3rd Edition), McGraw Hill, New Delhi.
- Johnston, J. (1985), *Econometric Methods*, McGraw Hill, New York.
- Johnston J. and J. D. Nardo (1997), *Econometric Methods*, McGraw Hill, New York.
- Kmenta, J. (1997), *Elements of Econometrics*, Michigan Press, New York.
- Koutsoyiannis. A. (1977), *Theory of Econometrics*, (2nd Edition), The Macmillan Press Ltd., Hampshire.
- Maddala, G.S. (1993), *Econometrics — An Introduction*, McGraw-Hill, New York.

**GOVERNMENT COLLEGE (A) RAQJAMAHENDRAVARAM**  
**B.SC ECONOMETRICS**  
**V SEMESTER, Econometrics Motheds**  
**PAPER-VI**

**TIME: 3HRS**

**MAX MARKS:60**

**I. Answer the following the questions**

**4x10=40**

1.(a) (or)

(b)

2.(a)

(or)

(b)

3. (a)

(or)

(b)

4.(a) (or)

(b)

**II Answer any three of the following**

**3x4=12**

5.

6.

7.

8.

9.

10.

**II Answer any four of the following**

**4x2=8**

**11**

**12**

13

**14**

15

16

17

**V SEMESTER – ECONOMETRICS (CBCS PATTERN)**

**Paper-VI (Core Paper)**

**ECONOMETRICS METHODS**

**FIFTH SEMESTER END EXAMINATIONS**

**Time: 3 Hrs**

**Max. Marks: 60 M**

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Very Short Answers (2 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>
<b>Unit-II</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-III</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>
<b>Unit-IV</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Unit-V</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>
<b>Total Marks</b>	<b>80</b>	<b>24</b>	<b>14</b>	<b>118</b>



Semester	Paper	Subject	Hrs.	Credits	IA	ES	Total
<b>FIRST YEAR</b>							
Semester I	Paper-I	Basics of Business Economics	6	5	40	60	100
Semester II	Paper-II	Basics of Financial Mathematics	6	5	25	75	100
<b>SECOND YEAR</b>							
Semester III	Paper-III	Basics of Financial Accountancy	6	5	25	75	100
Semester IV	Paper-IV	Survival Models	6	5	25	75	100
<b>THIRD YEAR</b>							
Semester V	Paper-V	Basics of Life Contingency	5	5	25	75	100
	Paper-VI	Business Communication	5	5	25	75	100
Semester VI*	Paper-VII	Mortality and other Actuarial statistics Or Actuarial Statistics	5	5	25	75	100
Semester VI*	Cluster-1	Life contingency-1	5	5	25	75	100
		LifeContingency-2	5	5	25	75	100
		Project	5	5	25	75	100
	Cluster-2	Principles of Insurance	5	5	25	75	100
		Practice of Insurance	5	5	25	75	100
		Project	5	5	25	75	100

## B.Sc. Actuarial Science Restructured

### Course Structure

\* Syllabus will be submitted later

**GOVERNMENT COLLEGE (A), Rajamahendravaram.**  
**B.Sc Actuarial Science Proposed Syllabus 2019-20**  
**Semester- 1**  
**Basics of Business economics -Paper-I**

Unit-I Hours:12  
Nature and scope of economics – Methodology in economics – Concepts of Demand and Supply – Elasticity of demand – price, income, cross. Market Demand

Unit-II Hours:12  
Cardinal and Ordinal approaches – Law of Diminishing Marginal utility – Indifference curve – Consumer’s equilibrium– Properties of Indifference curves

Unit-III Hours:12  
Market forms – Perfect and Imperfect Markets –Features of various markets – Monopoly, Monopolistic Competition, and Oligopoly – Notion of Controlled and Administered prices-collusion of Oligopoly

Unit-IV Hours:12  
Concepts of Payback period – Average Annual Rate of return – Net Present Value – Internal Rate of Return criterion – Elements of Social Cost Benefit analysis-Social Welfare

Unit-V Hours:12  
National income and social accounts – concept and measurement of national income – Introduction to Macroeconomic policy and Money and monetary institutions.... RBI, Commercial banks – Concept of Insurance, Stock exchanges, SEBI, Nature, characteristics and phases of Trade cycles – Control of Trade Cycles-Credit Creation of Commercial Banks

## Course Outcomes (Cos)

ECO121	Basics of Business Economics	CO1	Understand the Nature and Scope of Economics
		CO2	Study the Consumer's Behavior
		CO3	Analysis the different Market Forms
		CO4	Assess the National Income Accounts

### Additional Inputs

S.NO	UNIT	Additional Input
1	I	<u>Market Demand</u>
2	II	<u>Properties of Indifference curves</u>
3	III	<u>collusion of Oligopoly</u>
4	IV	<u>Social Welfare</u>
5	V	<u>Credit Creation of Commercial Banks</u>

### References:

1. CT-7 study material of Institute of Actuaries of India
2. Ackley (1976) Micro Economics – Theory and policy, Macmilan publishing company, Newyork.
3. Gupta S.B (1994), Monetary Economics, S.Chand& Co., New Delhi.4. Heijdra B.J. and F.V.Ploeg (2001) Foundations of Modern Economics, Oxford University Press, Oxford.

**GOVERNMENT COLLEGE (A) RAQJAMAHENDRAVARAM**  
**B.Sc Actuarial Science**  
**Semester- 1**  
**Basics of Business economics -Paper-I**

**TIME: 2 ½ HRS**

**MAX MARKS:50**

**I. Answer the following the questions**

**3x10=30**

- 1.(a) Define Economics. And explain the nature and scope of Economics.  
(or)  
(b) Explain the Law of diminishing marginal utility.
  
2. (a) Define market and explain the classifications of markets.  
(or)  
(b) How price is determined under Monopoly?
  
- 3.(a) Explain the different methods of computations of national income.  
(or)  
(b) What is trade cycle? Explain the different phases of Trade cycles.

**II Answer any four of the following**

**4x5=20**

4. Micro-Macro Economics
5. Cardinal and Ordinal Utility
6. Oligopoly
7. Social Welfare
8. Imperfect Market
9. Determinants of supply
10. Concept of Insurance
11. Functions of Commercial Banks

**I SEMESTER – ACTUARIAL SCIENCE (CBCS PATTERN)**  
**Paper-I (Core Paper)**  
**BASICS OF BUSINESS ECONOMICS -PAPER-I**  
**FRIST SEMESTER END EXAMINATIONS**

Time: 2 ½ Hrs

Max. Marks: 50

M

**BLUE PRINT**

<b>Unit</b>	<b>Essays (10 marks)</b>	<b>Short Answers (4 marks)</b>	<b>Total Questions</b>
<b>Unit-I</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Unit-II</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Unit-III</b>	<b>2</b>	<b>2</b>	<b>4</b>
<b>Unit-IV</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Unit-V</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Total Marks</b>	<b>60</b>	<b>40</b>	<b>100</b>

**CERTIFICATE COURSE**  
**GOVERNMENT COLLEGE (AUTONOMOUS):**  
**RAJAMAHENDRAVARAM**  
**SYLLABUS FOR CERTIFICATE COURSE IN 2019-20**  
**OFFICE MANAGEMENT**

**Hours per week: 2**

**Credits:4**

**Unit I**

Office and office Management – meaning of office, functions of office-primary and administrative functions, importance of office. Relation of office with other departments of business Organization. Concept of paperless office, virtual office, back and front office, open and private office. Definition and elements of office management, duties of an Office Manager.

**Unit II**

Filing and Indexing – Meaning and importance of filing, essential of good filing system. Centralized and decentralized filing system. Meaning, need and types of indexing used in the business organization.

**Unit III**

Office forms– Meaning and types of forms used in business organization, advantages, forms controls, objectives, form designing, principles of forms designing and specimens off or ms used in office. Office Record Management – Meaning, importance of record keeping management, principles of record management and types of records kept in a business organization.

**Unit IV**

Office Machines and equipment’s – Importance, objectives of office machines. Office Safety and Security – Meaning, importance of office Safety, safety hazards and steps to improve office safety. Security hazards and steps to improve office security.

**Unit V**

Measurement of Office Work – Importance, purpose, difficulty in measuring office work .Different ways of measurement, setting of work standards, benefits of work standards.

Techniques of setting standards. Office Manuals – Meaning, need, types of office manual and steps in preparing of office manuals.

### **Suggested Readings**

1. **Karyalaya Nirvahana(Tel),Telugu Akademi**
2. **Arora S.P, Office Organisation and Management,Vikas, New Delhi – 1982**
3. **Aswathappa K.& Shridhara Bhat K. , Production and Operation Management, Himalaya Publishing House, New Delhi-2002**
4. **Thukaram Rao,M.E., Office Organisation and Management, Atlantic Pubs,2000**
5. **Chhabra, T.N., Modern Business Organization, New Delhi, Dhanpat Rai& Sons.**
6. **Duggal, Balraj, Office Management and Commercial Correspondence, KitabMahal, New Delhi.**

### **Pattern of Examination**

#### **Theory (50 marks)**

The students have to write the theory examination for 50 marks 3hours duration.

#### **Practicals(50 marks)**

- Assignment
- Viva-voce
- Internship

**GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMUNDRY**

**DEPARTMENT OF ECONOMICS**

**MODEL QUESTION PAPER**

**CERTIFICATE COURSE IN OFFICE MANAGEMENT**

TIME: 2 Hrs.

Max. Marks: 50

**Section-A**

Answer any **Three** of the following

(3x10=30)

1. Define Office Management? And explain the functions and importance of Office Management.

కార్యాలయం నిర్వహణ అనగానేమి? మరియు కార్యాలయ నిర్వహణ యొక్క విధులు, ప్రాముఖ్యతను వివరించుము

2. What is Indexing? And explain the types of indexing used in the business organization.

సూచిక అనగానేమి? వ్యాపార సంస్థలలో ఉపయోగించు వివిధ రకాల సూచికలను వివరించుము

3. Explain the types of Office forms.

వివిధ రకాల కార్యాలయ రూపాలను వివరించుము

4. Explain the importance, objectives of Office machines.

కార్యాలయ యంత్రాల యొక్క ప్రాముఖ్యతను మరియు లక్ష్యాలను వివరించుము

5. What is Office Manuals? Explain Need and Types of Office Manuals.

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