

**Veer Narmad South Gujarat University,
Surat.**

Faculty of Arts

**Master of Arts (Economics):
Sem-2**

CHOICE BASED CREDIT SYSTEM [CBCS]

SYLLABUS

(Effective from June, 2019)

**DEPARTMENT OF ECONOMICS
VEER NARMAD SOUTH GUJARAT UNIVERSITY
SURAT**

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

**M.A. ECONOMICS
SEMESTER – I
THE DETAILS OF THE PROGRAMME**

NO.	COURSE CODE	NAME OF THE COURSE
1	CC-1	MICROECONOMICS -1
2	CC-2	MACROECONOMICS-1
3	CC-3	QUANTITATIVE METHODS FOR ECONOMICS - 1
4	EC-1	H.R.-1/AGR.-1/IND.-1/ECONOMETRICS - 1
5	ID-1	RESEARCH METHODOLOGY-1/ ECONOMICS OF INFRASTRUCTURE-1/ FUNDAMENTALS OF ACCOUNTANCY-1 / INDIAN POLITICAL SYSTEM-1
6	SOC-1	TERM PAPER-1

**M.A. ECONOMICS
SEMESTER – II
THE DETAILS OF THE PROGRAMME**

NO.	COURSE CODE	NAME OF THE COURSE
1	CC-4	MICROECONOMICS -2
2	CC-5	MACROECONOMICS-2
3	CC-6	QUANTITATIVE METHODS FOR ECONOMICS - 2
4	EC-2	H.R.-2/AGR.-2/IND.-2/ECONOMETRICS – 2
5	ID-2	RESEARCH METHODOLOGY-2/ ECONOMICS OF INFRASTRUCTURE-2/ FUNDAMENTALS OF ACCOUNTANCY-2 / INDIAN POLITICAL SYSTEM-2
6	SOC-2	TERM PAPER-2

Syllabus for M.A. Economics Sem- 2 (Effective from 2019-20)

Faculty of Arts

Veer Narmad South Gujarat University, Surat.

M.A. Semester-2

CC-4: Micro Economics-II

- આમુખ :-

આ પેપર પેઢીઓ અને બજારની વ્યક્તિગત આર્થિક વર્તનનું વિશ્લેષણ કરે છે. આનો મુખ્ય ઉદ્દેશ ગ્રાહકની વર્તણૂક અને માંગ વિશ્લેષણ, ઉત્પાદન સિધ્ધાંત અને ખર્ચના ખ્યાલો, વ્યાપારી ધોરણે બજારના ખ્યાલો, મહત્તમ નફાના ધોરણે પેઢીની સમતુલા જેવા વિવિધ ખ્યાલો દ્વારા વિદ્યાર્થીઓને તૈયાર કરવાનો છે. આ પેપર એકમલક્ષી અને સમગ્રલક્ષી વહેંચણીના સિધ્ધાંતો, કલ્યાણનું અર્થશાસ્ત્ર, ખુલ્લા અને બંધ પદ્ધતિઓની સામાન્ય સમતુલા, અયોગ્યતા હેઠળ આર્થિક વર્તનમાં વિશ્લેષણ વિશેની માહિતી પૂરી પાડે છે.

યુનિટ : ૧ કિંમત અને ઉત્પાદન નિર્ધારણ

પિરિયડ

ભારાંક

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૨૫%

- ઇજારાયુક્ત હરિક્ષેપ - અર્થ - લક્ષણો - પેઢીની ટૂંકા અને લાંબાગાળાની સમતુલા - જૂથની સમતુલા -વણવપરાયેલ ઉત્પાદનશક્તિ નીચે ઇજારાયુક્ત હરિક્ષેપ - વેચાણ ખર્ચ
- અલ્પહસ્તક ઇજારો - લક્ષણો - પોલ સ્વીઝીની અલ્પહસ્તક ઇજારામાં ખાંચવાળી માંગરેખા - અપૂર્ણ જોડાણ : (કૂર્નોટ, એજવર્થ, ચેમ્બરલીન) અલ્પહસ્તક ઇજારામાં કિંમત નિર્ધારણ (કાર્ટેલ મોડેલ) - કિંમત નેતૃત્વ મોડેલ
- દ્વિપક્ષીય ઇજારામાં કિંમત અને ઉત્પાદન નિર્ધારણ

યુનિટ : ૨ રમતનો સિધ્ધાંત

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૨૫%

- રમતનો અર્થ
- પે ઓફ મેટ્રીક્સ
- શૂન્ય રકમ રમત અને સતત રકમ રમત
- ન્યૂનતમવાદી અને મહત્તમ સિધ્ધાંતો
- નાશ સમતુલા
- ધ પ્રિઝનર્સ ડિલેમા
- મિશ્ર વ્યવસ્થા (વ્યૂહરચના)
- રમતમાં પરિવર્તન
- ક્રમિક રમતો

યુનિટ : ૩ વહેંચણીના સિધ્ધાંતો

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૨૫%

- નવપ્રશિષ્ટ સિધ્ધાંત - વહેંચણીનો સિમાંત ઉત્પાદકતાનો સિધ્ધાંત
- વહેંચણીના સમગ્રલક્ષી સિધ્ધાંતો - રિકાર્ડો, માર્કસીયન, કાલેકી અને કાલ્ડોર
- નિર્મૂલ ઉત્પાદન અને યુલર પ્રમેય

યુનિટ : ૪ કલ્યાણનું અર્થશાસ્ત્ર

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૨૫%

- કલ્યાણના અર્થશાસ્ત્રની પ્રસ્તાવના
- પિગુના મતે કલ્યાણલક્ષી અર્થશાસ્ત્ર
- પેરેટોની ઇષ્ટત્તમ શરતો અને ઇષ્ટત્તમ સામાજિક અવસ્થા
- સામાજિક કલ્યાણ વિધેય
- બિનક્ષમતા અંગે ન્યૂનત્તમ કલ્યાણ, અપૂર્ણ બજારની નિષ્ફળતા, ઘટતો ખર્ચ, અચોક્કસતા અને બિનહયાત અને અપૂર્ણ બજાર

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M.A. Semester-2

CC-4: Micro Economics-II

• Preamble

This paper analysis the economic behaviour of individuals, firms and markets. It is mainly concerned with the objective of equipping the students in a rigorous and comprehensive manner with the various aspects of consumers' behavior and demand analysis, production theory and concepts of costs, the theory of traditional markets and equilibrium of firm in modern non-profit maximizing framework. The paper also deals with the micro and macro theories of distribution, welfare economics, general equilibrium in closed and open systems and analysis of economic behaviour under uncertainty.

	PERIOD	WEIGHTAGE
UNIT-1 PRICE AND OUTPUT DETERMINATION	10	25
<ul style="list-style-type: none">• Monopolistic completion – Meaning – Characteristics - Short and long run equilibrium of the firm - Group equilibrium - excess capacity under monopolistic competition – Selling Costs• Oligopoly - Characteristics - Kinked Demand Curve Under Oligopoly (Paul swizzy), Non Collusive (Cournot, EdgeWorth, Chamberlin) Price determination under Oligopoly (Cartels Model) – Price Leadership Models• Price and Output Determination Under Bilateral Monopoly		

UNIT-2 GAME THEORY**10 25**

- Meaning of Game
- Payoff Matrix
- Zero Sum Game and Constant Sum Game
- MiniMax and MaxiMin Principles
- Nash equilibrium
- The prisoner's Dilemma
- Mixed strategies
- Repeated games
- Sequential games

UNIT-3 THEORIES OF DISTRIBUTION**10 25**

- Neo Classical Approach- Marginal Productivity Theory of Distribution
- Macro Theories of Distribution of Ricardian, Marxian, Kalecki and Kaldor's
- Product exhaustion and Euler's theorem

UNIT-4 WELFARE ECONOMICS**10 25**

- Introduction to Welfare Economics
- Pigovian Welfare Economics
- Pareto Optimal Conditions/ Social Optimality
- Social Welfare Function
- Inability to obtain Welfare - Imperfections
Market failure, decreasing costs, uncertainty and non-existent and incomplete markets

M.A. Sem – II (Effective from- 2019-20)

CC-05 Macro Economics : II

Weightage

Unit 1 : Consumption function , Investment function [25%]

- Keynes law of consumption function, factors affecting consumption function, measures to increase consumption spending.
- Relative income, Absolute income, Life cycle , Permanent income hypothesis
- Investment function – meaning, types, motivations for investment.
- Marginal efficiency of capital and rate of interest, factors affecting marginal efficiency of capital.

Unit 2 : Business cycle [25%]

- Meaning, phases, control of business cycle.
- Hayek, Hicks, Cob-Web theory of business cycle.
- The real business cycle theory

Unit 3 : AD-AS and IS-LM model [25%]

- General equilibrium model – IS-LM, Extension of IS-LM
- Classical and Keynesian views on income determination – AD/AS model
- AD-AS model and relative effectiveness of monetary and fiscal policies.

Unit 4 : Modern Macro Economics [25%]

- Adaptive and rational expectation theory
- Supply side economics
- Monetarism vs. Keynesianism.
- New Keynesian economics.

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M.A. SEMESTER – II

CC-6: QUANTITATIVE METHODS FOR ECONOMICS - 2

SYLLABUS

એકમ-૧: સહ સંબંધ અને નિયતસંબંધ

વિકીર્ણ આકૃતિ - સહ સંબંધ માટેની કાર્લ પિયર્સનની ગુણન પ્રધાતની રીત અને તેના ગુણધર્મો.

સુરેખ નિયતસંબંધનું આગણન અને અર્થઘટન

એકમ-૨: સંભાવના ના સિદ્ધાંતો અને સૂચકાંક

સંભાવનાનો ખ્યાલ - કુલ સંભાવનાનો સિદ્ધાંત, સંભાવનાનો સરવાળા અને ગુણાકારનો સિદ્ધાંત, ગાણિતિક અપેક્ષા. સૂચકાંક વ્યાખ્યા, અર્થ, અને ઉપયોગો, લાસ્પેયાર, પાશે અને ફિશરનો સૂચકાંક, જીવન નિર્વાહ ખર્ચનો સૂચકાંક.

એકમ-૩: કલનશાસ્ત્ર

વિધેય નું વિકલન : વ્યાખ્યા, નિયમો અને અર્થઘટન વિકલનનો અર્થશાસ્ત્રમાં ઉપયોગ. સીમંત વિધેય અને મુલ્યસાપેક્ષતા.

એકમ-૪: શ્રેણિક અને નિશ્ચાયક

શ્રેણિકની વ્યાખ્યા અને પ્રકારો, શ્રેણિકનો અર્થશાસ્ત્રમાં ઉપયોગ. નિશ્ચાયકની નિયમો નાને તેનો વ્યાખ્યા અર્થશાસ્ત્રમાં ઉપયોગ.

VEER NARMAD SOUTH GUJARAT UNIVERSITY

M.A. SEMESTER – II

CC-6: QUANTITATIVE METHODS FOR ECONOMICS - 2

SYLLABUS

Unit -1: Correlation and Regression [10]

Scatter diagram - Pearson's product moment formula for correlation coefficient - its properties. Linear Regression - estimation of parameters - Interpretation;

Unit -2: Theory of Probability & Index Numbers [10]

Concept of probability -Theorem on total probability, Addition and Multiplication Theorems - Mathematical Expectation-

Index Numbers: - Definition, meaning, uses; Laspeyre's, Paasche's and Fisher's Index numbers; Construction of cost of living index numbers.

Unit -3: Differential calculus [10]

Derivative of a function: definition; rules, Interpretations. Applications in Economics – Marginal functions and Elasticities.

Unit -4: Matrices and Determinants [10]

Matrix- Definition, various types of matrices, applications. Determinants- definitions, Rules, application, Cramer's Rule, Inverse of a Matrix and solution of simultaneous Equations.

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References: (for Mathematics)

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MA Semester –II
EC-02- Industrial Economics-2

એકમ-1 : ભારતમાં ઔદ્યોગિક વિકાસની તરાહ

- ઔદ્યોગિક વિકાસ અને વૃદ્ધિ –અર્થ, ભારતમાં ઔદ્યોગિક વિકાસના વલણો, સમસ્યાઓ
- ઔદ્યોગિક નીતિ- અર્થ, ઉદ્દેશો, 1991 ની નવી ઔદ્યોગિક નીતિના મુખ્ય લક્ષણો અને મૂલ્યાંકન
- જાહેર ક્ષેત્રના ઉદ્યોગો –કામગીરી, સમસ્યાઓ, વિનિવેશીકરણ
- ખાનગી ક્ષેત્રના ઉદ્યોગો –મહત્વ અને સમસ્યાઓ

એકમ-2 : ઔદ્યોગિક નાણાંકીય વ્યવસ્થા

- નાણા બજાર અને મૂડી બજાર –અર્થ, તફાવત, કાર્યો
- સેબીના ઉદ્દેશો અને કાર્યો
- ઔદ્યોગિક ધિરાણના સ્ત્રોતો – આંતરિક અને બાહ્ય સ્ત્રોત
- વિશિષ્ટ નાણાંકીય સંસ્થાઓ (IDBI, IFCI, ICICI, UTI, SFC, SIDBI)
- વિદેશી મૂડી – જરૂરિયાત, સરકારની નીતિ, વિદેશી પ્રત્યક્ષ મૂડીરોકાણ અને વિદેશી પોર્ટફોલિયો મૂડીરોકાણ

એકમ-3 : પસંગીના ઉદ્યોગોમાં તાજેતરની સમસ્યાઓ

- ખેતી આધારિત ઉદ્યોગોનું મહત્વ, વિકાસ અને સમસ્યાઓ
- લોખંડ-સ્ટીલ, કાપડ, ખાંડ, કોલસા, સિમેન્ટ, એન્જીનિયરિંગ, કેમિકલ ઉદ્યોગ - વિકાસ, સમસ્યાઓ અને ઉપાયો
- ઔદ્યોગિક માંદગી - અર્થ, કારણો અને પગલાઓ
- વૈશ્વિકરણની ભારતીય ઉદ્યોગો પર અસર

એકમ-4 : નાના પાયાના ઉદ્યોગો

- ભારતમાં નાના પાયાના અને ગૃહ ઉદ્યોગો – વ્યાખ્યા, વિકાસ, મહત્વ, સમસ્યાઓ અને પગલાઓ
- ગુજરાતમાં નાના પાયાના ઉદ્યોગોનો વિકાસ
- મધ્યમ, નાના અને સૂક્ષ્મ સાહસો –અર્થ, મહત્વ, વિકાસ અને કામગીરી
- વિશિષ્ટ આર્થિક વિસ્તાર –અર્થ, લાભ-લાભ

M.A. Semester –II
EC-02- Industrial Economics-2

Unit-1 : Pattern of Industrial Development in India

- ☐ Industrial development and growth - meaning, trends and problems of industrial development in India
- ☐ Industrial policy - meaning, Objectives, main characteristics and evaluating in new industrial policy 1991
- ☐ Industries of Public Sector – Performance, Problems, Disinvestment
- ☐ Industries of Private sector- Meaning, Importance, Problems.

Unit-2 : Industrial finance

- ☐ Money market and Capital market – Meaning, Difference, Functions
- ☐ Objectives and functions of SEBI
- ☐ Sources of finance : Internal and External
- ☐ Special financial institutions (IDBI, IFCI, ICICI, UTI, SFC, SIDBI)
- ☐ Foreign capital –Need, Government policy, FDI and FPI

Unit- 3 : Current problems of selective industries

- ☐ Agro based industries – importance, development and problems
- ☐ Iron and steel, Textile, Sugar, Coal, Cement, engineering, Chemical industries - development, problems and remedies
- ☐ Industrial sickness – meaning, causes and steps
- ☐ Impact on Indian industries of globalization

Unit-4 : Small Scale Industries

- ☐ SSI and Cottage industries in India- definition, difference, development, importance, problems and steps
- ☐ Development of SSI in Gujarat
- ☐ MSME – meaning, importance, development and performance
- ☐ SEZ- meaning, advantages-disadvantages

M.A. ECONOMICS

SEMESTER – II

EC- 02 AGRICULTURAL ECONOMICS - II

(PROBLEMS OF INDIAN AGRICULTURE AND POLICY)

1: Development Problem of Indian Agriculture [25%]

Importance of Agriculture in Indian Economy - Agricultural Productivity per Workers, per Hectare - Causes of low Productivity – Soil conservation in India – Economic Development and Declining Importance of Agriculture - Problem of Agriculture Modernization – Agriculture Vis-a-Vis Industrial Development. - Land Utilization Pattern – Cropping Pattern - Area Under Food and Non Food Grains – Land Holding and Land Holding Pattern in India

2: Agricultural Inputs, Agricultural Finance and Marketing [25%]

Irrigation – Need for Irrigation – Sources of Irrigation – Source wise Development of Irrigation – Water Resources – Problems in the Development of Irrigation –HYV – Fertilizer. Agricultural Finance –NABARD – Co-operative Credit System –The Problems of Rural Indebtedness – Agricultural Insurance - Agriculture Marketing and Warehousing in India – Agmarknet.

3: Food Problem and Green Revolution [25%]

Food Security in India – Nature – Features of Indian Diet – Food Problem after Independence- Measures to Solve the Food Problems - Food Policy –Food Security Act. – Food Subsidy - Public Distribution System (PDS) – Minimum Support Price (MSP) – Procurement Price (PP) – Issue Price (IP) - Green Revolution

4: Land Reforms and Agricultural Taxation & Terms of Trade [25%]

Land Reforms in India – Bhudan & Gramdan -Land Tenure System and Land Reforms Objectives – Evaluation of Land Reforms Policy – Suggestion for Improvement – Agro-Climatic Planning –Agricultural Taxation – Debate on Direct Taxes. Terms of Trade Between Agricultural and Non-Agricultural

References:

1. Bardhan, P. (1984), "Land, Labour and Rural Poverty", Oxford University Press, New Delhi.
2. Bhalla G.S ; Singh Gurmail, (2001), "Indian Agriculture : Four Decades of Development", Sage Publications, New Delhi.
3. Bhalla. G.S(1994), "Economic Liberalization and Indian Agriculture" Institute for studies in Industrial Development, New Delhi.
4. Bhardwaj,K.(1974), " Production condition in Indian Agriculture", Cambridge University Press, Cambridge.
5. Chandha, G.K. and A.N. Sharma (1997), Growth, Employment and Poverty : Change and Continuity in Rural India", Vikas Publishing House, New Delhi.
6. Dantwala,M.L.et .al (1991), "Indian Agricultural Development Since Independence", Oxford & IBH, New Delhi.
7. Datt and Sundharam, (2012), "Indian Economy", S. Chand & Company Ltd. New Delhi.
8. Dawan, B.D.(1988), "Irrigation in India's Agricultural Development", sage Publication, New Delhi.
9. Desai, G. and A.Vailyanathan (Eds.) (1995), "Strategic Issues in future Growth of Fertiliser Use in India", Macmillian, New Delhi.
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11. Gulati, A. and T. Kelly (1999), "Trend Liberalization and Indian Agriculture", Oxford University Press, New Delhi.
12. Haque, T. and A S Charan. Sirohi (1986), "Agrarian Reforms and Institution Changes in India", Concept Publishing Company, Delhi.
13. Joshi .B.H,(1992), "An Analytical Approach to Problem of Indian Agriculture: A Theoretical and System Approach", B.R.Publishing Corporation, Delhi.
14. Joshi B.H. (1999), "Indian Agriculture Development and Challenges", University

Granth Nirman Bord, Ahemdabad.

15. Pandya Kiran, (1996), “Agrarian Structure New Technology and labour in India”, Himalaya Publishing house, Mumbai.
16. Prasad C.S. (2006), “Sixty Year of Indian Agriculture : 1947 to 2007”, New Century Publication, New Delhi.
17. Rao C. H. Hanumantha, (2005), “Agriculture, Food Security, Poverty and Environment : Essay on Post – Reform India”, Oxford University Press, New Delhi.
18. S.S.Acharya & D.P.Chondhri :, (2001), “India Agricultural Policy at the Crossroads”, Ed; Rawat Publication, Jaypur.
19. Subbarao, K. and De Janvry (1986), “Agricultural Price Policy and Income Distribution in India”, Oxford University Press, New Delhi.
20. Vaidyananthan, A.(1995), “The Indian Economy : Crisis, Response and Prospects”, Orient Longmans, New Delhi.
21. Visaria, P. and R.Basant (1994), “Non-Agricultural Employment in India : Trends and Prospects”, Sage Publication, New Delhi.

SEMESTER II: EC- 02 ECONOMICS OF HUMAN RESOURCES

(HEALTH) - II

(2019)

1: Concept and Dimensions of Health

[10]

Definition of Health economics - Structure of Health economics - Factors affecting the demand and supply of health - Determinants of Health status - Broad Indicators of Health - Indicators to monitor Health – Sustainable Development Goals and Health

2: Health as Investment

[10]

Health as Investment - Relationship between investment in health and economic development - Health and GDP Linkages - Objectives and functions of Health systems - Roles of the Central and State government in health (WHRs, WDR 1993) - Financing Health : Criteria for assessing financing mechanism – Private and public sources of health finances

3: Planning for health in India

[15]

Planning for health in India - Health system in India - Evaluation of health services - Health care of the Community: - Health status and health problems – Primary Health care in India - Review of health policies -National Health Mission (2012-2017) - National Urban Health Mission - Environment and health –

4: National and International dimensions of health

[10]

World Health Organisation - Responsibilities and functions - Major health challenges for developing countries - Globalisation Health Linkages – GATS and health services - Health reforms in India - National Family and Health Surveys Health in the XI plan. Latest World Health Report.

REFERENCES:

<https://www.slideshare.net/driayeshpatidar/health-economics-20064072> (For scope, definition and structure of health economics)

www.driayeshpatidar.blogspot.com for basics in health economics

Health Economics (MEC-008) Economics of social sector and environment. IGNOU – School of social sciences. (For determinants of health status and factors affecting demand and supply)

Chanda Rupa (2002). "Trade in Health Services" Bulletin of the World Health Organisation., Vol 80(2)pp. 158-63

David W et al (2001). "Globalisation and Health: A Framework for analysis and action" Bulletin of the World health Organisation. Vol 79(9)

UNCTAD-WHO(1998). International Trade in Health Services: Difficulties and Opportunities for Developing countries- A Developmental Perspective" IN International Trade in Health services – a Development perspective. Geneva;.

1. Agarwal,D(2006): "Health Sector Reforms : relevance in India"; Indian Journal of Community Medicine; Vol.13(4) October
2. Baru,R.V (1998): Private Health Care in India : Social Characteristics and Trends ; Sage, New Delhi
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13. Misra R et.al (2003) India health report . Ch. 11 (For health finances) Oxford. New Delhi.
14. Mahal A et.al (2010). India health Report ., B S Books New Delhi 2. For (**Health Reforms in India. (Chapter 9)**)
15. Unit – 18: For determinants of health status. (MEC 008. IGNOU Social sector and environment)

M.A. – ECONOMICS
EFFECTIVE FROM JUNE – 2019
SEMESTER-II
EC- 02 ECONOMETRICS - II
(Project Dissertation: Applied Statistics for Economics)

Unit 1: Introduction of SPSS [25%]

Data file – Data entry – Modification of data – Variable – Scale of Measurement – Output file – Functions – Charts and Graphs.

Unit 2: Univariate Statistics [25%]

Measures of Central Tendency – Mean – Median – Mode – Measures of Dispersion – Range – Mean deviation – Standard Deviation – Coefficient of Variation – Skewness – Kurtosis

(3) Bivariate Statistics [25%]

Correlation and Regression – Scatter plot – Pearson Correlation – Spearman Correlation – Bivariate Regression – Multiple Regression

(4) Inferential Statistics [25%]

t-test – One sample t-test – Independent sample t-test – Paired sample t-test – One way ANOVA - Chi-square test – Phi coefficient – Cramer's V – Kendal's tau b - Chi-square test for 2*2 – Chi-square test for 2*K or K*2

Evaluation Method:

- (1) There is NO Theory Paper. Paper is based on Project Dissertation
- (2) University Examination: Project Dissertation Report + Viva Voce Examination Of Total 50 Marks - Project Dissertation Report: 35 Marks and Viva-Voce Examination: 15 Marks
- (3) Internal Evaluation: Total 20 Marks (Practical Examination)
- (4) Total Marks: 50 + 20 =70 Marks

References:

1. Carver and Nash (2006), Doing Data Analysis with SPSS Version 14, Cengage Learning India Private Ltd., New Delhi
2. George Darren and Mallery Paul (2006), 6th ed., SPSS for Windows – Step by Step, Pearson Education in South Asia, New Delhi

3. George Darren and Mallery Paul (2009), 8th ed., SPSS for Windows – Step by Step, Pearson Education in South Asia, New Delhi
4. Julia Pallant (2001), SPSS Survival Manual, Open University Press, McGraw Hill Education, Maidenhead
5. Nargundkar Rajendra (2006), 2nd ed., Marketing Research – Text and Cases, Tata McGraw Hill, Publishing Company Ltd, New Delhi
6. Pandya Kiran and Bulsari Smruti and Sinha Sanjay, (2012), SPSS in Simple Steps, Dreamtech Press, New Delhi
7. Pandya Kiran and Bulsari Smruti (2005), Enjoy Statistics with SPSS for windows, Popular Prakashan, Surat
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Veer Narmad South Gujarat University, Surat
Effective from June - 2019
M.A. Economics – Semester – II
ID – II: Paper – V (A): Research Methodology – II

Unit – I: Population and Sampling with Sampling Techniques [25%]

Meaning of population and sample: Advantages and disadvantages – Stages of sampling scheme: Type of universe, sampling unit, source list, size of sample, expenditure, process of sampling – Types of sampling techniques – Probability sampling: Simple random, Systematic random, Stratified, Cluster, Multi stage cluster – Non Probability Sampling: Convenience, Judgement, Quota, Snow ball – Characteristics of good sample – Planning of sampling - Sampling and non-sampling errors

Unit – II: Ethical Issues in Research [25%]

Ethical principles: Harm to participants, Lack of informed constant, Invasion of privacy, Deception – Stakeholders in research: Public, Respondents, Clients, Researcher – Reasons for biased research – Code of ethics in research: For research practitioners, For user of research, For field investigator – Ethics and research process – Importance of ethics in research – Ethics and the issue of quality – The difficulties of ethical decision making

Unit – III: Hypothesis testing [25%]

Hypothesis – Meaning – Functions of Hypothesis – Characteristics of hypothesis – Types of hypothesis – Errors in testing of hypothesis – Test of hypothesis – Probability - Theoretical probability distributions useful in testing of hypothesis: Normal distribution, Chi-square distribution, t-distribution, F-distribution – Examples of test of hypothesis – Z test, t-test , Chi-square test: Goodness of fit, test of independence

Unit – IV: Steps in Writing Report, Research Proposal and Methods for Preparing References [25%]

Significance of report writing – Different steps in report writing: Logical analysis of subject matter, preparation of the final outline, preparation of rough draft, Rewriting and polishing of rough draft, Preparing the final bibliography, Writing the final draft – Citations and foot notes – Writing a research proposal: Concept of research proposal, questions of research, objective of study, testing of hypothesis, study design, measurement and research method, sampling, analysis of data, structure of report, problems and limitations, work schedule – Use of references –

Different citation style: America Psychological Association (APA) with examples
– Modern Language Association (MLA) with examples

સંદર્ભસૂચી

- (૧) દેસાઈ હરિભાઈ જી અને દેસાઈ કૃષ્ણકાંત જી (૧૯૯૭), સંશોધન પદ્ધતિઓ અને પ્રવિધિઓ, ગુજરાત ગ્રંથ નિર્માણ બોર્ડ
- (૨) શાહ એ. જી. અને દલે જગદીશ કે (૨૦૦૭), સામાજિક સંશોધન પદ્ધતિઓ, અનાડા બુક ડીપો, અમદાવાદ
- (૩) શુક્લ ગજેન્દ્ર બી અને નાયક આર કે (૨૦૧૬), સંશોધન પદ્ધતિઓ, ન્યુ પોપ્યુલર પ્રકાશન, સુરત
- (૪) ઉચાટ ડી એ (૨૦૧૨), શિક્ષણ અને સામાજિક વિજ્ઞાનોમાં સંશોધનનું પદ્ધતિશાસ્ત્ર, પારસ પ્રકાશન, રાજકોટ

References:

- 1) Ahuja Ram (2001), Research Methods; Rawat Publications, Jaipur.
- 2) Beri G.C. (2004), Marketing Research (3rd Ed.); Tata McGraw-Hill Publishing Company Ltd, New Delhi.
- 3) Bryman Alan (2012), Social Research Methods (4th Ed), Oxford University, Press, New York
- 4) Bryman Alan; Bell Emma (2007), Business Research Methods (2nd Ed.); Oxford University Press, New York.
- 5) Cauvery R & Sudha Nayak U.K. (2005), Research Methodology; S.Chand & Company Ltd., New Delhi.
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- 7) Gopal K. Kanji (2006), 100 Statistical Tests, SAGE Publications India Private Limited, New Delhi
- 8) Kothari C.R. (2004), Research Methodology: Methods & Techniques (2nd Ed.); New Age International Pvt. Ltd, New Delhi.
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- 13) Popper, K.R. (1959), The Logic of Scientific Discovery, New York, NY: Basic Books.
- 14) Popper, K.R. (1972), Objective Knowledge, Oxford, U.K.: Clarendon.
- 15) Sekaran Uma (2006), Research Methods for Business; Wiley India Pvt. Ltd, New Delhi.

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- 18) Tripathi P.C.(2003), A Textbook of Research Methodology in social sciences (4th Ed.); Sultan Chand & Sons, New Delhi.
- 19) Uwe Flick (2017), Introducing Research Methodology (2nd Ed.), Sage Publications India Private Ltd., New Delhi
- 20) William M.K. (2003), Research Methodology (2nd Ed.); Biztantra, New Delhi.
- 21) Zikmund William G. (2004), Business Research Methods (7th Ed.); Thomson Asia Pvt. Ltd, Singapore.

VEER NARMAD SOUTH GUJARAT UNIVERSITY.

M.A. Semester-II

Semester-2

Fundamentals of Accountancy

(Syllabus effective from Academic Year 2019-20 onwards)

Objectives:

- To induct the students about Computerised Accounting System.
- To give the idea about accountancy software.
- To give introduction about Tally

No.	Particular	Weightage
1.	Preparation of Final Accounts <ul style="list-style-type: none">• Meaning and objective of Trial balance, Advantages and Disadvantages, Methods of preparing trial balance• Basic examples of Trial balance• Define Final Accounts ,Objective ,Advantages, Limitation• Format of Final Accounts as per Company act,2013 Schedule-3 P&L A/C & Balance sheet(Only theory)	25%
2.	Management Accounting: <ul style="list-style-type: none">1.1 Meaning, nature, scope and functions of management accounting1.2 Role of management accounting in decision making1.3 Management accounting vs. financial accounting1.4 Tools and techniques of management accounting	25%
3.	Accounting for Decision Making <ul style="list-style-type: none">• The concept of differential cost; Cost profit volume analysis- BEP analysis (only basic examples)	25%
4.	Computer Accounting -Tally (Basic knowledge of computer accounting) Introduction-Variou components of a computer including hardware and software-Features of personal computers-Role of computer accounting - Advantages - Limitations – Why computerization-preparatory work- Master creation, Generation of printouts - preservation of data (recommended Tally software system - latest version at the time of beginning of the respective academic year)	25%

Note:-Practical problems shall not exceed 70% of total weightage.

References:

1. Tally Education Private Ltd. : Official Guide to Financial Accounting using Tally ERP.9, BPB Publications, Bengaluru.
2. Anthony Robert, Reece J.S. : Accounting Principles; Richard D. Irwin Inc.
3. Gupta. R. L and RadhaswamyM. : Financial Accounting; Sultan Chand and Sons, NewDelhi.
4. Mongo J. R., Ahuja Girish and SehgalAshok : Financial Accounting ; Mayur PaperBack, Noida.
5. Shukla M. C., Grewal T. S. and Gupta S. C. : Advanced Accounts; S. Chand &Co.New Delhi.
6. Jawaharlal : Cost Accountancy ; Tata McGraw Hill, New Delhi.
7. B. D. Agrawal, Financial Advanced Accounting Vol. I &II ; Premier Pub. Book Co.,Delhi.
8. Arora M. N. : Cost Accounting - Principles and Practice; Vikas, New Delhi.
9. Jain S. P. and Narang K.L. : Cost Accounting ; Kalyani, New Delhi.
- 10.A. Mukherjee & M. Hanif : Modern Accountancy Vol.I;McGraw Hill Education Pvt. Ltd., New Delhi.
- 11.J.C. Varshney : Accounting & Financial Analysis; Wisdom Publication, New Delhi.
- 12.Khan M. Y. and Jain P. K: Management Accounting; Tata McGraw Hill

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

M.A. Semester-II, Effective from June 2019

ID-2: ECONOMICS OF INFRASTRUCTURE-II

OBJECTIVES:

- **To aware the students with the basic concepts of economics of infrastructure**
- **To expose the students to the issues related to development of physical and social infrastructure with reference to India**

COURSE CONTENT:

Topics	Weightage
Unit 1: Energy 1.1 Primacy of energy in economic development. 1.2 Factors determining demand for energy. 1.3 Energy conservation. 1.4 Renewable and non-renewable sources of energy. 1.5 Energy crisis in India - causes and effects. 1.6 Optimal energy policy in Indian context.	25%
Unit 2: Energy sector in India 2.1 Electricity sector: Sources of electricity in India. 2.2 Importance, growth and features of electricity sector in India. 2.3 Regulations and reforms in this sector. 2.4 Problems of electricity sector and their solutions. 2.5 Oil and natural gas sector: Growth, problems and reforms in this sector. 2.6 Non-conventional energy: Types, growth, problems and prospects.	25%
Unit 3: Education 3.1 Role of education in economic development. 3.2 Costs and benefits of investment in education. 3.3 Private and social rates of return.	25%

3.4 Indian education system: Characteristics, problems and solutions.	
3.5 Allocation of resources to primary, secondary and higher education in India.	
3.6 Right to Education Act.	
3.7 Various schemes for promoting primary education	
Unit 4: Health	25%
4.1 Relationship between health and economic development.	
4.2 Determinants of health status of an economy.	
4.3 Demand and supply of health care.	
4.4 Financing of health care and resource constraints.	
4.5 Inequalities in healthcare - class and gender perspective.	

References:

- Crew, M A and P R Kleindorfer (1979): Public Utility Economics, Macmillan, London. Indian Council of Social Science Research (ICSSR) (1976): Economics of Infrastructure Vol. VI, New Delhi.
- National Council of Applied Economic Research (NCAER) (1996): India Infrastructure
- Report: Policy Implications for Growth and Welfare, NCAER,
- Parikh KS (2010): India Development Report 2009, Oxford University Press, New Delhi.
- Parikh K S (2012): India Infrastructure Report 2012, Oxford University Press, New Delhi.
- Pachauri R K (ed) (1980): Energy Policy for India, Macmillan Co. of India.
- Parikh J (ed) (1997): Energy Models for 2000 and Beyond, Tata McGrw Hill, New Delhi. Tata Energy Research Institute (1995): Environmental Considerations and Options in Managing India's Long Term Energy Strategy, Mumbai.

- McMohan, W W (1999): Education and Development: Measuring the Social Benefits, Oxford University Press, Oxford.
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- Woodhall M (1992): Cost benefit Analysis in Educational Planning, UNESCO, Paris.
- Misra and Puri, Indian Economy (2013): Himalaya Publishing Co., Mumbai.

M.A. Economic-sem-II
ID-2: Indian Political System-II

Unit-1 The Centre State Relation

- Legislative Relations
- Administrative Relations
- Financial Relations
- Demands for state autonomy

Unit-2 Local Self Government

- Meaning, scope & Importance of local self-Government
- 73rd and 74th Amendment
- Challenges Against Local Self Government
- Roll of Women in Panchayat

Unit-3 Constitutional Bodies

- Election Commission
- Union Public Service Commission
- NITI AAYOG/ Finance Commission
- Comptroller & Auditor General of India

Unit-4 Challenges of National Integration.

- Casteism
- Regionalism
- Population explosion
- Environmental degradation
- Corruption