

ADIKAVI NANNAYA UNIVERSITY :: RAJAMAHENDRAVARAM

B. A. ECONOMICS

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

Semester – V

Paper – V (Core Paper)

Paper V : CONTEMPORARY INDIAN ECONOMY

Module I

Characteristics of India as a developing economy – Demographic features of India and Andhra Pradesh - population dividend – Trends in urbanization - Trends in the growth of India's national income and A.P's GDSP AND NDSP – Magnitude of poverty in India and Andhra Pradesh - Occupational structure –unemployment and its dimensions

Module II

Inflation and its measurement in India -- Monetary policy and Policy Rates –Tax Reforms and GST – Tax Revenue and its devolution to states –Public debt and its magnitude in India and A.P - India's of Balance of Payments status - Brief outline of Globalization and their impact on Indian economy.

Module III

Objectives and achievements of planning in India – current five year plan –Balanced Regional Development - NITI Ayog – Major schemes of rural and urban development with particular reference to Andhra Pradesh

Module IV

Land use and cropping pattern in India and A.P – Land Ceiling Act and its implementation in A.P – Post-green revolution strategies – Watershed development, Dryland farming, Drip irrigation, Organic farming – Importance of Horticulture, Dairy, Poultry and Fisheries in rural economy -- Agricultural price policy and minimum support prices – Food security – agricultural exports – Priority sector lending -Direct and indirect finance –Micro-finance - Agricultural Insurance

Module V

Industrial Policies, 1956 and 1991 – Industrial policy of Andhra Pradesh - Make-in India – Manufacturing policy – Foreign Direct Investment – industrial corridors and SEZs – Gross Enrolment and drop out rates in Education in India and A.P - Sarva Siksha Abhiyan - Skill Development Mission - Rural and Urban health missions in India and A.P. – Social security schemes – women empowerment – DWACRA groups in A.P – Tourism and Government policy measures

Note : More emphasis on all topics should be with reference to their current status. Discussion of theoretical aspects is not expected. Not more than brief mention of the genesis of any problem or theme is to be expected.

- 1 Dhingra, I.C - "Indian Economy", Sultan Chand, 2014.
2. Ruddar Dutt and K.P.M. Sundaram - "Indian Economy", S.Chand & Co., 2015.
3. S.K.Misra & V,K,Puri - "Indian Economy", Himalaya Publishing House, 2015.

4. Reserve Bank of India - Hand book of Statistics on Indian Economy (Latest).
5. 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.
6. G.Omkarnath - Economics - A Primer for India - Orient Blackswan, 2012.
7. Telugu Academy Publications.
8. Economic Surveys, govt. of India
9. Socio-economic surveys of Andhra Pradesh

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Paper – VI (Core Paper)

PAPER VI : QUANTITATIVE TECHNIQUES

(Mathematical derivations and proofs are not required. Only applications)

Quantitative Methods

Unit- I: Introduction - Meaning – definition – functions- importance and limitations of statistics – collection of data – primary and secondary data- schedule and questionnaire – frequency distribution – tabulation – diagram and graphic presentation of data(one dimensional and frequency curves) Applications

Unit – II: Measures of Central Tendency and Dispersion - Definition, objectives and characteristics of measures of central tendency – types of averages- arithmetic mean, geometric mean, harmonic mean – median – mode – quartiles – deciles – percentiles – properties of averages and their applications. Objectives of dispersions, range, quartile deviation, mean deviation, standard deviation- coefficient of variation. Applications

Unit – III: Measures of Correlation And Regression - Meaning, definition and use of correlation- types of correlation- Karl Pearson’s correlation coefficient- Spearman’s rank correlation- probable error- meaning, utility of regression analysis- comparison between correlation and regression. Applications

Unit – IV: :Functions , Graphs and equations-Types of Functions- Rectangular Co-ordinate System and graphs of functions - Slope and Intercept - Equations of straight lines. and solutions of Linear, Quadratic and Simultaneous Equations up to three unknowns. – simple Economic applications

Unit – V: Matrix: Definition – examples- types of matrices – matrix addition – multiplication – determinant of matrices – minors – co-factors – inverse of a matrix.Applications

References:

1. Sivayya K.V and Satya Rao, Business Mathematics , Saradhi Publications Guntur
2. Sancheti and Kapoor VK, Business Mathematics, Sulthan Chand & Sons, New Delhi
3. D.N Elhance , Fundamentals of Statistics , Kithab Mahal, Allahabad
4. Guptha SC, Fundamentals of Business Statistics, Sulthan Chand, New Delhi
5. Aggarwal, Business Statistics, Kalyani Publishers Hyderabad Reddy CR, Business Statistics, Deep & Deep Publications ,
6. S.P. Gupta & V.K Kapoor- "Fundamentals of Mathematical Statistics", S.Chand & Co., 2014.