M.A. Hons. (5 years)Economics
Semester-Xth
Paper-VII Indian Economy

Max. Marks: 100
External Examination: 80
Internal Assessment: 20
Time: 3 Hours

Unit-I

Features of Indian economy; Nature and Characteristics of Indian economy; Planning; objectives and strategies; failures and achievements of plans.

Basic economic indicators – National income, performance of different sectors. Trends in prices and money supply.

Unit-II

Institutional structure: Land-reforms in India; Agricultural marketing and warehousing; Issues in food security – policies for sustainable agriculture; Agricultural finance policy; Agricultural price policy.

Unit-III

Indian Tax Structure: Tax Revenue of Centre and State; Tax burden; Evaluation and Tax reforms since 1991, Public Expenditure in India-Role; Growth; composition and management; Financial Relations between the Centre and State; Recommendations of the recent Finance Commission; Parallel Economy in India- Meaning, Estimates, Impact and Responsible Factors.

Unit-IV

Financial Sector: Monetary policy of RBI; Money and Capital markets; Growth and problem; Role of commercial banks in India; Banking sector reforms since 1991

Note:

The total marks for each theory paper will be of 100 marks including 20 marks for internal assessment.

The question paper will consist of three sections. Candidates will be required to attempt all the sections as per the breakup given below:

Section A (16 Marks)

It will consist of one question having eight parts of two marks each. Candidates will be required to attempt all the parts. Answer to any part should not exceed half page.

Section B (40 Marks)

It will consist of eight questions. Candidates will be required to attempt five questions, each question carrying eight marks. Answer to any of the questions should not exceed three pages.

Section C (24 Marks)

It will consist of four questions. Candidates will be required to attempt two questions, each question carrying twelve marks. Answer to any questions should not exceed six pages.

Suggested Reading

- Bardhan. P.K. (9th Edition) (1999), The Political Economy of Development in India,Oxford University Press, New Delhi.
- Brahmanada, P.R. and V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
- Datta, R. and K P. M. Sundhram (latest edition), Indian Economy. S. Chand & Company Ltd. New Delhi.
- Government of India, Economic Survey, (Annual), Ministry of Finance, New Delhi.
- Mishra, S.K and V.K. Puri Indian Economy-151 Development Experience, Himalaya Publishing House, Mumbai, Latest Edition.
- Rudra Ashok, Indian Plan Models.
- Todaro, P. Development Planning: Models and Methods.
- United Nations, Guidelines for Project Evaluation.
- Wadhwa, C.D.(ed.), Some Problems of India's Economic Policy, 1987.
- Choudhary, Pramit (ed.), Aspects of Indian Economic Development, 1971.
- Rao, Hanumantha, C.H., Technological change and Distribution of Gains in Indian Agriculture, 1980.
- Ahluwalia, I.J., Industrialising Growth in Indian Stagnation since Mid 60's 1985.
- Kapila, Uma (ed.) Indain Economy Since Independence, 1993.
- Dholkia, B.H., Sources of Economic Growth.
- Jalan, Bimal (ed.), The Indian Economy Problems and Prospects.
- Chaudhari, Pramit. The Indian Economy : Poverty and Development, 1978.
- Brahamanda, P.R. and Panchmukhi, V.R.(ed.) The Development Process of the Indian Economy, Himalaya Publishing House, Bombay, 1987.
- Dantwala, M.L., Indian Agriculture Development since Independence, Oxford, IBH Pub. Co., New Delhi, 1991.
- Uppal, J.S. Indian Economic Problems- An Analytical Approach (ed.), Tata McGraw Hill, New Delhi (reprint), 1987.
- Raj, K.N., Sen, A., Rao, Hamumantha (eds.): Studies on Indian Agriculture, Oxford University Press, Delhi 1988.
- Saini, G.R: Farm Size, Resource use efficiency and Income Distribution, Allied Publishers Pvt. Ltd., New Delhi, 1979.
- Ahluwalia, I.J.: Productivity and Growth in Indian Manufacturing, Oxford University Press, Delhi, 1991.
- Swamy, D.S. The Political Economy of Industrialisation, Sage Publications, Delhi,1994.
- Economic and Political Weekly.
- Indian Economic Journal
- Indian Journal of Agricultural Economics.
- Economics Survey, Govt. of India.
- Economic Times and Financial Express.

M.A. Hons. (5 years)Economics
Semester-Xth
Paper-VI Econometrics

Max. Marks: 100
External Examination: 80
Internal Assessment: 20
Time: 3 Hours

Unit-I

Dynamic Econometric Models: Distributed leg models – Koyck Model, Adaptive expectation and Partial Adjustment approaches for rationalization of Koyck models, Estimation of Auto-regressive models.

Unit-II

Dummy variable Regression Models: The Nature of Dummy variable, caution in the use of Dummy variables, ANOVA MODELS with two qualitative variables, Chow Test, ANCOVA MODELS, The use of Dummy variables in seasonal analysis and Interaction Effects.

Unit-III

Simultaneous equations model: The simultaneous equation bias and inconsistency of OLS estimators; The identification problem; Rules of identification – Order and rank conditions (statement only), Methods of estimating simultaneous equation system: Indirect Least squares (ILS), 2 SLS (Two stage least squares).

Unit-IV

Time series Econometrics: Key concepts – stochastic process; stationarity and non stationarity process, purely random process, Random walk models, co-integration, Integrated variables, Deterministic and stochastic trends and unit root.

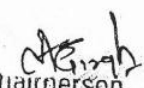Techniques of forecasting – ARMA, ARIMA Models, Box-Jenkins methodology.

Note:

The total marks for each theory paper will be of 100 marks including 20 marks for internal assessment.

The question paper will consist of three sections. Candidates will be required to attempt all the sections as per the breakup given below:

Section A (16 Marks)

It will consist of one question having eight parts of two marks each. Candidates will be required to attempt all the parts. Answer to any part should not exceed half page.

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Section B (40 Marks)

It will consist of eight questions. Candidates will be required to attempt five questions, each question carrying eight marks. Answer to any of the questions should not exceed three pages.

Section C (24 Marks)

It will consist of four questions. Candidates will be required to attempt two questions, each question carrying twelve marks. Answer to any questions should not exceed six pages.

Suggested Reading

- Gujarati, D.N. (1995), Basic Econometrics (2nd Edition), McGraw Hill, New Delhi.
- Koutsoyiannis, A. (1997), Theory of Econometrics (2nd Edition), The Macmillan Press Ltd., London.
- Johnston, J. (1991), Econometric Methods, McGraw Hill Book Company, London.
- Maddala, G.S. (1993), Econometrics Methods and Applications, (2 Vol.), Alder shot, U.K.
- Krishna K.L. (1997), Econometrics Application in India, Oxford University Press, New Delhi.
- Kmenta, J. (1997), Elements of Econometrics, University of Michigan Press, New York.
- Intrilligator, M.D. (1978), Econometrics Techniques and Applications, Prentice Hall, New Jersey.
- Pindyck, R.S. and D.L. Rubinfield (1976), Econometric Models and Economic Forecasts, McGraw Hill, Tokyo.
- Frances, P.H. (1998), Time Series Models for Business and Economic Forecasting, Cambridge University Press, Cambridge.
- Harvey, A.C. (1981), Econometric Analysis of Time Series, Phillip Allen, London.
- Madnani, G.M.K. (1999), Introduction of Econometrics.
- Intrilligator, M.J. and Hasio Badkin (1996), Econometric Models, Techniques and Applications, Prentice Hall.

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M.A. Hons. (5 years)Economics
Semester-X
Paper-VIII Demography

Max. Marks: 100
External Examination: 80
Internal Assessment: 20
Time: 3 Hours

UNIT-I

Population & Economics Development. Meaning, scope and Importance of demography. Components of population growth & their interdependence. Measures of population change. Structures, distribution and sources of population data.

UNIT-II

Malthusian theory of population. Optimum theory of population. Theory of demographic transition. population as limits to growth. Concept of demography, vital rates. Life table-Construction and uses. Population-quasi stationary and stable stationary population. Age pyramids.

UNIT-III

Fertility-Measurement of fertility, total fertility rate, gross and net reproduction rate. Factor affecting fertility- socio-economic factors, economic status, Health, Education, nutrition, caste, religion, race, region, rural urban status of husband and wife.

Nuptiality- concept and analysis of marital status. Trends in Age at marriage.

UNIT-IV

Urbanization- Growth and distribution of rural –urban population in India. Methodology and Characteristics of Indian population through recent census. Population and human development issues. Culture and fertility. Education and fertility. Demography and households economic behavior.

-05-

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Note:

The total marks for each theory paper will be of 100 marks including 20 marks for internal assessment.

The question paper will consist of three sections. Candidates will be required to attempt all the sections as per the breakup given below:

Section A (16 Marks)

It will consist of one question having eight parts of two marks each. Candidates will be required to attempt all the parts. Answer to any part should not exceed half page.

Section B (40 Marks)

It will consist of eight questions. Candidates will be required to attempt five questions each question carrying eight marks. Answer to any of the questions should not exceed three pages.

Section C (24 Marks)

It will consist of four questions. Candidates will be required to attempt two questions each question carrying twelve marks. Answer to any questions should not exceed six pages.

Suggested Reading

☐Agarwala S.N. (1972), India's Population Problem, Tata McGraw-Hill Co., Bombay.
☐Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi.
☐Bogue, D.J. (1971), Principles of Demography, John Wiley, New York.
☐Chenery H. and T.N. Srinivasan (Eds.)(1989), Hand Book of Development Economics, Vol. 1 & 2Elsevier, Amsterdam.
☐Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi.
☐Coale, A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low Income Countries: A Case Study of India's Prospectus, Princeton University Press, Princeton.
☐Gulati, S.C. (1988), Fertility in India: An Econometric Study of a Metropolis, Sage, New Delhi.

Additional Reading List
☐Simon, J.L. (1992), Population and Development in Poor Countries, Princeton University Press.
☐Srinivasan, K, (1998), Basic Demographic Techniques and Applications, Sage, New Delhi.
☐Srinivasan, K. and A.Shariff (1998), India: Towards Population and Demographic Goals, Oxford University Press, New Delhi.
☐Sryrock, H. et. al. (1973), The Methods and Materials of Demography, US Department of Commerce, Washington, D.C.

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M.A. Hons. (5 years)Economics
Semester-Xth
Paper-IX Computer Applications in Economics-II

Max. Marks: 100
External Examination: 60
Practical: 20
Internal Assessment: 20
Time: 3 Hours

UNIT-1

Presentation Software: Presentation Basics, Menus & Toolbars, opening and saving & Existing Presentation. Creating and saving a presentation using auto content wizard. Design template Blank Presentation. The slide sorter view. Insert slides from another presentation. Inserting pictures and graphics. Slide show, printing slides.

UNIT-II

Multimedia: Concept, Hardware for multimedia, software for multimedia, Components, Application and Multimedia Technologies.

E-Commerce: E-Commerce in India, Growth Potential of E-Commerce.

UNIT-III

IT Act 2000 of India Information Technology: Business need and application IT. Impact of IT on Business Environment.

SPSS: Characteristics properties of Binominal poison and Normal Distributions: Elements of Statistical inference: Concept of sampling distribution of a statistic.

UNIV-IV

SPSS: Statistical hypothesis, null and alternative hypothesis ; two types of errors; large and small sampling, tests of errors; large and small sampling, tests of significance for means and proportions-2 test, t-tests and f-tests (ANOVA one-way and two way, chi-square test)

Note:

The total marks for each theory paper will be of 100 marks including 20 marks for internal assessment.

-07

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The question paper will consist of three sections. Candidates will be required to attempt all the sections as per the breakup given below:

Section A (12 Marks)

It will consist of one question having six parts of two marks each. Candidates will be required to attempt all the parts. Answer to any part should not exceed half page.

Section B (30 Marks)

It will consist of eight questions. Candidates will be required to attempt five questions, each question carrying six marks. Answer to any of the questions should not exceed three pages.

Section C (18 Marks)

It will consist of four questions. Candidates will be required to attempt two questions, each question carrying nine marks. Answer to any questions should not exceed six pages.

Suggested Readings:

1. Srivastara S.S. (2008) " MS-Office". Firewall Media New, Delhi
2. Alexis Loeon and Matheus Leon (2001) " Introduction to computer with MS Office 2002 Ist Edition . Tata Migraw-Hill , New Delhi.
3 Kochan, Stephens, G. : Programming in C.
4. Kenneth,A. : Problem solving and programming.
5. Kernigean, B.W. & : The C programming Language.Ritchie, P.M.
6. Kaicker, S. : Programming in C.
7. Copper, Mallish : The spirit of C; An Introduction to Modern programming.
8. Carver, D.K. : Introduction to Business Data Processing.
9. Subramaniam, N. : Introduction to computer; Fundamentals of computer science.
10. Dromey, G. : How to solve it by computer. Manuals of pc software.
11. Held, G. : IBM, PC & PC XT User's Reference Manual.
12. Coffron, J.W. : The IBM PC Connect.