

**Paper--XI (Optional)  
Economic Essays**

**SECTION I**

- |   |                    |   |                                     |
|---|--------------------|---|-------------------------------------|
| 1 | Unorganised Sector | 4 | Unorganised money market            |
| 2 | Self Employment    | 5 | International Monetary Fund and BRD |
| 3 | Child Labour       | 6 | World Trade Organisation.           |

**SECTION II**

- |   |                           |   |                                   |
|---|---------------------------|---|-----------------------------------|
| 1 | Parallel Economy in India | 4 | Gandhian Economic Thought         |
| 2 | Taxation in India         | 5 | Urbanisation in India and Gujarat |
| 3 | Economics of Amartya Sen. | 6 | Micro-Credit                      |

**Note :** In the question paper, three essays should be asked in each section, out of which one is to be attempted in each section.

**Paper-XI (Optional) Computer and its Applications**

*Preamble :* The growth and spread of computer and its invasive presence in every sphere of intelligent human activity is forcing every educational system and discipline to adopt and integrate its fundamentals into course curricula. It is to produce computer literate and well--educated graduates who can get not only employment but also create work and produce value added output in the society, for which present syllabus is being designed. We believe this will make our new graduates more proficient, suitable and fit to face the future challenges in society.

1. **Basics of Computers :** Computer fundamentals; o Organization and components of a computer; Computer hardware--CPU; Memory; Disk drives; Input and output devices; Keyboard; Mouse and VDU. Computer peripherals like printer, scanner, digitizer, etc; Computer. software--Operating system application software and packages.
2. **Use of Computer for Office Automation :** Text editors and word processor software packages Operative familiarization with any one package like MS--word; Concept and use of spread sheet Operation and use of MS--excel; Basics of Data base; Table; Records and fields; Data entry and quern processing; Operative principles of MS--access; Document formation and presentation through MS-power point.
3. **Data Analysis and Trend Forecasting :** Basics of statistical functions and analysis--Mean median, mode, standards deviation; Distribution function and density function; Statistical package handling and command description for SPSS; Regression and auto--regression; Correlation and auto--correlation Covariance and Autocovariance.

4. **Applications :** Text and mail communication using computers; E-mail; Chat; Voice mail Document transfer and delivery; internet; World Wide Web (WWW) and use for business and commercial activities like e-business and e-commerce; Electronic stock market and exchanges; B2B and B2C Concepts.

*Basic Reading List :*

- Kerns (1993), Essentials of Microsoft windows Word and Excel, Prentice Hall of India, New Delhi
- Rajaraman, V. (1996), Fundamentals of Computers, Prentice Hall (Ind.) New Delhi.
- Schied, F. (1983), Theory and Problems of Computers and Programming, Schaum's Outline Series, McGraw Hill, New Delhi.

*Additional Reading List :*

- Intrilligator, M. D. (1978), Econometric Models Techniques & Applications, Prentice Hall Englewood Cliffs, N. J.

### **Paper XI (Optional) Demography**

*Preamble :* The modules incorporated in this paper educate the students about the inter-relationship between economic development and population along with an exposition of the established theories of population. Issues relating to demographic techniques and basic sources of demographic data in the Indian economy have also been included. Aspects of population policy and study of its social characteristics are other important components of the modules of this paper.

1. **Introduction :** Population study and demography; its relation with other disciplines; Theories of Population--Malthus. Optimum theory of population and theory of demographic transition; Historical evidence of population growth in developed and developing countries.
2. **Sources of Demographic data in India :** Sources of Demographic data in India Census-Civil registration system and demographic surveys; National Family Health Survey 1 and 2--their relative merits and demerits.
3. **Techniques of Analysis :** Crude birth and death rates, age specific birth and death rates. standardized birth and death rates--Study of Fertility. Total fertility rate, gross reproduction rate and net reproduction rate--Study of marital status--Life table; meaning of its columns and its uses--Reproductive and child health in India--Temporal and spatial variation in sex ratios.
4. **Population Projection :** Techniques of population projection--Concept of stationary, stable and quasi-stationary population--aging of population in India--Changes in family structure and old age security.

5. **Population Policy** : Salient features of population censuses of 1971, 1981, 1991 and 2001 Evolution of population policy in India. A Shift in policy focus from population control to family welfare and to women empowerment. Demographic status and household behaviour-Education. women's autonomy and fertility-Population, health, poverty and environment linkage in India; The New Population Policy.

*Basic Reading List :*

- Agarwal S. N. (1985), India's Population Problem, Tata McGraw--Hill, Bombay
- Agarwal U. D. (1999), Population Projections and their Accuracy, B. R. Publishing Corporation New Delhi.
- Bhende, A. A. and T. R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishin; House, Bombay.
- Bogue, d. J. (1971.), Principles of Demography, John Wiley, New York.
- Bose A. (1996), India's Basic Demographic Statistics, B. R. Publishing Corporation, New Delhi
- Census of India, Government of India, Various Reports, New Delhi.
- Choubey, P. K. (2000), Population policy in India, Kanishka Publications, New Delhi.
- Misra, B. D. (1980), An Introduction to the Study of Population, South Asian Publishers, New Delhi
- Srinivash, K. (Ed.) (1999), Population policy and Reproductive Health, Hindustan Publishing Corporation, New Delhi.