



# **पाठ्यक्रम SYLLABUS**

**SCHEME OF EXAMINATION AND COURSES OF STUDY**

**FACULTY OF SOCIAL SCIENCE**

**M.A. POPULATION STUDIES**

**M.A. Previous (Semester I & II)**

**M.A. Final (Semester III & IV)**

**2009-10 से प्रभावी(w.e.f.)**

**सत्र 2013-14**

**महर्षि दयानन्द सरस्वती विश्वविद्यालय, अजमेर**

**NOTICE**

1. Change in Statutes/Ordinances/Rules/Regulations/ Syllabus and Books may, from time to time, be made by amendment or remaking, and a candidate shall, except in so far as the University determines otherwise comply with any change that applies to years he has not completed at the time of change. The decision taken by the Academic Council shall be final.

**सूचना**

1. समय-समय पर संशोधन या पुनः निर्माण कर परिनियमों / अध्यादेशों / नियमों / विनियमों / पाठ्यक्रमों व पुस्तकों में परिवर्तन किया जा सकता है, तथा किसी भी परिवर्तन को छात्र को मानना होगा बशर्ते कि विश्वविद्यालय ने अन्यथा प्रकार से उनको छूट न दी हो और छात्र ने उस परिवर्तन के पूर्व वर्ष पाठ्यक्रम को पूरा न किया हो। विद्या परिषद द्वारा लिये गये निर्णय अन्तिम होंगे।

1. The duration of the course shall be of two academic years & divided in IV Semesters. The course work of the MA degree in Population Studies shall be in accordance with the scheme of examination.
2. The minimum attendance required for a candidate will be as per University rules.
3. A candidate for passing the Previous and the Final Examinations shall be required to obtain (i) at least 36% marks in the aggregate in all the papers prescribed for the examination and (ii) at least 36% marks in Dissertation, Provided that if a candidate fails to secure at least 25% marks in each individual paper at the examination and also in the Dissertation, he shall be deemed to have failed at the examination notwithstanding his having obtained the minimum percentage of marks required in the aggregate for that examination. No division will be awarded at the First, Second and Third Semester Examination. Division shall be awarded at the end of the Fourth Semester Examination on the combined marks obtained at the First, Second, Third and Fourth Semester Examination taken together, as noted below :

First Division 60% of the aggregate marks taken together, of First, Second, Third and Fourth Semester Examinations.

Second Division 48% of the aggregate marks taken together, of First, Second, Third and Fourth Semester Examinations.

All the remaining will be declared to have passed the examination.

4. ATKT/ due papers shall be applicable in 50% of the total subjects in the semester. Due papers of first semester will be held along with third semester similarly, due papers of second semester will be held along with fourth semester. The third and fourth semester due papers/practical or both will be held in the first and second semester respectively of the next year. If candidate again failed may appear in respective semester examination of subsequent year (s).
5. If a candidate clears any paper (s) /Dissertation prescribed at the semester examination after a continues period of three years, then for the purpose of working out the division the minimum pass marks only viz. 25% (36% in case of dissertation) shall be taken in to account in respect of such paper(s)/ dissertations are cleared after the expiry of the aforesaid period of three years provided that in case where a candidate requires more than 25% marks in order to reach the minimum aggregate as many marks out of those actually secured by him will be taken into account as many marks out of those actually secured by him will be taken into account as would enable him to make up the deficiency in the requisite minimum aggregate.
6. The grace marks shall be given up to 1% of the total aggregate marks of theory of that semester in maximum one paper.

## 4 / MDSU / Syllabus / M.A. Population Studies

7. The dissertation shall be type written and submitted in triplicate to the Principal of the college concerned or head of the Department concerned as the case may be at least 7 days before commencement of the theory examination. The Principal / Head of the Department concerned must ensure that the dissertation so submitted reach to the office of the Registrar within a week's time. Evaluation of the dissertation / Project work shall be conducted centralized.
8. An educational tour will be organized both for M.A.(Previous) & M.A.(Final) to important institutions of Population studies, within or outside the state under the supervision of faculty member/s of the University. The university will provide to the student's train/bus travel concessions as per university rules. Traveling expenses with boarding and lodging and Daily allowances of the Tour In-charge and companion faculty member will be borne by the university as per rules.
9. There shall be total eighteen papers divided in four semesters. Each theory Paper will be of 3 hours duration having 50 marks & out of the 50 marks Internal Assessment will carry 20% marks viz 10 marks. Four Papers i.e. Papers, I, II, III, IV shall be offered in Ist Semester V, VI, VII, VIII, in IInd Semester IX, X, XI, XII, XIII in IIIrd Semester and Papers XIV, XV, XVI XVII, XVIII(a) or XVIII(b) Dissertation [in lieu of XVIII(a) paper] shall be offered in Final Semester.

The internal assessment may be evaluated on the basis of:

- |       |                      |                 |
|-------|----------------------|-----------------|
| (i)   | Written Test         | 10% (5 marks)   |
| (ii)  | Seminar Presentation | 05% (2.5 marks) |
| (iii) | Field Report         | 05% (2.5 marks) |

## M.A. Previous (Semester I &amp; II) 2010-11

## Semester I

MPS- 101:

Introduction to Population Studies

MPS- 102:

Population Dynamics

MPS- 103:

Population Growth &amp; Development

MPS- 104:

Population Policies &amp; Planning

## Semester II

MPS- 105:

Population Geography

MPS- 106:

Population &amp; Environment

MPS- 107:

Population &amp; Quality of life

MPS- 108:

Population &amp; Family Welfare

## M.A. Final (Semester III &amp; IV) 2011-12

## Semester III

MPS- 109:

Techniques of Population Analysis

MPS- 110:

Research Methodology

MPS- 111:

Population and Society

MPS- 112:

Population Ecology

MPS- 113:

Population Information, Education &amp; Communication

## Semester IV

MPS- 114:

Population Growth &amp; Women

MPS- 115:

Statistical Techniques in population studies.

MPS- 116:

Population Concepts &amp; Aging

MPS- 117:

Reproductive Health

MPS- 118 : (A) - Projects in Population studies

Or

MPS- 118 : (B) - Dissertation

M.A. Previous: - Semester-I

## MPS-101: INTRODUCTION TO POPULATION STUDIES

Max. Marks : 40

3 hrs duration

Note : The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

## UNIT - 1

- Concept of Population Studies, Nature and Scope of Population Studies
- Development of Population Studies in the World and India.
- Inter-relationship between Population Studies and other disciplines.
- Present population situation in the world, Trends of Population growth in developed and developing countries. Causes and consequences of rapid population growth.

## UNIT - 2

- Population growth in India : Trends of India's population growth in the states and Union territories, Factors responsible for the growth.
- Population profile of Rajasthan; Population distribution, growth, composition and all qualitative characteristics of Population.
- Population Composition in India, Age and Sex structure: Factors affecting age and sex structure, Aging; Basic concepts,
- Marital Status: analysis of change in India

## UNIT - 3

- Indian Census: Historical background, pre-independence and post-independence census. Details of the latest Indian census.
- Civil Registration System: Concept, Objectives, Uses and Limitations.
- Sample Surveys: Uses and Limitations, Methodology in National Sample Survey and National Family Health Surveys.

## MPS- 102 : Population Dynamics

Max. Marks: 40

3 hrs duration

Note : The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT - 1

- Concept of fertility, General Fertility, Gross Fertility, Net reproduction rate. Age-specific Fertility Rate, Child-woman Ratio, Marital Fertility Rate. Total Marital Fertility Rate, Crude Birth Rate, Cohort Fertility Rate.
- Indicators of Fertility: Social class and various social, Religious, Economic, Cultural, Literacy, Psychological and other factors-food and dietary habits, climatic conditions.

#### UNIT - 2

- Concept of Mortality, Crude death rate, age and sex specific death rate, Infant mortality, Maternal mortality.
- Types of life Table, advantages of life table. Life Expectancy, Standardized Death rate, WHO classification of causes of Death in India.
- Concept, Importance of the study of Morbidity & its Measurements: Incidence and Prevalence Rates.
- Difference between Mortality and Morbidity, Reproductive Morbidity. Morbidity in India.

#### UNIT - 3

- Concept, Determinants, Types and effects of Migration
- Theories of Migration; Ravenstein's laws, Lee's theory, Peterson's topology
- Trends of migration in India.
- Determinants and consequences of migration.

#### MPS-103: Population Growth & Development

3: hrs duration

Max. Marks: 40

**Note:** The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.  
**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.  
**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT - 1

- Concept and indicators of development, Economic, Social, demographic and cultural aspects of development
- Concept of Sustainable Development..
- Appropriate strategies to achieve Sustainable Development.
- Inter-relation between Sustainable Development & Economic Development.

#### UNIT - 2

- Renewable and Non-renewable resources.
- Population Growth & its impact on Natural Resources.
- Conservation of Natural Resources.

- Bio-diversity and conservation of wild life
  - Human Resources as a Function of Ecosystem.
- #### UNIT - 3
- Population and food production, Food deficit and hunger.
  - Limits and constraints, Step towards food security,
  - Role of agriculture in the Indian Economy and Development, coordinating population and agricultural policies with special reference to food security.

#### MPS- 104 : POPULATION POLICIES AND PLANNING

3 hrs duration

Max. Marks : 40

**Note:** The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.  
**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.  
**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT - 1.

- Definition and principle features of population policy.
- Need for population policy, Objectives of Population policy,
- Socio-cultural, political, Economic, social and ethical issues related to population policies.

#### UNIT - 2

- Population policies and Law;
- The medical termination of pregnancy act (1971)
- The child marriage restraint bill.
- Dowry Prevention Act.
- Sex Determination Act, 2001

#### UNIT-3

- Planning for social sectors: Planning for housing, education, food and health requirements, projections for employment and manpower planning.
- Formulation of plan to achieve objectives laid down in population policy at village level. (theory)
- Population Policy of Rajasthan.

#### M.A. Previous :- Semester-II

#### MPS- 105 : Population Geography

3 : hrs duration

Max. Marks : 40

**Note:** The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.  
**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.  
**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one

Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT-1

- Nature and scope of Population Geography.
- Spatial Distribution: Factors affecting population distribution: Geographical, Social, Economical, Political and Demographic factors.
- Effect of Population Density, Overcrowding, Personal Space and Territoriality.
- Multi-disciplinary view points of Crowding.
- Unequal Distribution of Population at Local, Regional and National Level.
- Unequal Population Growth in different Religion and its consequences.

#### UNIT-2

- International Migration at a Glance- Demographic variables and its importance.
- Causes and consequences of International Migration.
- Brain drain, pull and push factors.

#### UNIT-3

- Types of Rural Settlements: Linear, Circular, Rectangular, Arrow-like, Scattered, Fragmented etc.
- Urban Settlement Patterns and effect of Population densities: Primate Cities, towns, Metropolis, Megalopolis etc.

#### MPS- 106 : Population & Environment

3 : hrs duration

Max. Marks : 40

**Note :** The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT-I

- Population growth & Natural resources; quantitative and qualitative aspects.
- Effect of growing Population on wildlife protection and conservation.

#### UNIT-II

- Population growth and various pollutions such as air-pollution, water-pollution, noise-pollution, radioactive-pollution.
- Soil pollution, soil erosion and its consequences.
- Waste Generation and Domestic waste, Hazardous waste, Nuclear waste, their impacts and management strategies with special reference to India.

#### UNIT-III

- Consequences of population explosion on human resource.
- Social forestry, Afforestation, desertification, salinity and water logging.

#### MPS- 107 : Population & Quality of life

3 : hrs duration

Max. Marks : 40

**Note :** The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not ex-

ceed twenty words. All questions carry equal marks, each question is of one mark.  
**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT-1

- Population Growth and Quality of Life
- Quality life and human resource development.
- Family size & Physical, mental and emotional development of child.
- Principles of Ethics and its importance. Ethics in the society.

#### UNIT-2

- Gandhian Philosophy of population.
- Qualitative aspects of population; Human values and Environmental protection
- Environmental values and social responsibility in context of population growth.

#### UNIT-3

- Adverse Effects of growing Population on human quality of life.
- Quality of Life and Societal Notions.
- Family size and Quality of Life; Health risk of early, late, too-closely spaced pregnancies.

#### MPS- 108 : Population & Family Welfare

3 : hrs duration

Max. Marks : 40

**Annexure - Scheme of Questions -**

**Note :** The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT-1

- Concept and need of family welfare programme.
- Meaning and historical development of the family planning in India.
- family welfare programme and Immunization.

#### UNIT-2

- Impact of Family Planning Programme and Population Control In developed & developing countries,
- causes of slow progress of family planning programmes in developing countries, case study of India & China.
- Family welfare program in Rajasthan

**UNIT - 3****Population problems**

- Population problems in developed and developing countries.
- Problems of under-population.
- Problems of overpopulation.

**M.A. Final:- Semester III****MPS- 109: Techniques of Population Analysis**

3 hrs duration

Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

**UNIT - 1**

- Measures of population composition ; Measures of age & sex composition,
- Population pyramid, Index of aging.
- Mortality; measures of mortality; Crude death rate specific death rates, standardized death rate.
- Infant, neonatal and post neonatal mortality, peri-natal mortality.

**UNIT - 2**

- Fertility; Measures of fertility, age specific fertility rates, child-woman ratios. Total fertility rate, net reproduction rate, gross reproduction rate.
- Estimation of life time and inter-census migration from place of birth statistics.
- Measurement of Urbanization and trends of Migration.
- Estimation of International migration and its consequences.

**UNIT - 3**

- Population Estimates and Projecting Techniques; Population estimates, projecting and forecasts. Inter census and post census estimates of size, growth and age specific structure of population.
- Specific projection: Rural, urban, labor force, school going population.

**MPS- 110: Research Methodology**

3 : hrs duration

Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four

hundred words. All questions carry equal marks, each question is of 8 marks.

**UNIT - 1**

- Nature and Scope of Social Science Research: .
- The Research Phases : Conceptual, Empirical and Analytical.
- Elements of Research: Concepts, Variables, Hypotheses.
- Types of Research Design; Internal and External Design.
- Component of Research Design, Features of Experimental Design.

**UNIT - 2**

- Methods of Sampling: Simple Random Sampling, Stratified Sampling, Systematic Sampling, Cluster Sampling, Multi-stage Sampling, Purposive Sampling, Quota Sampling, Sampling Errors.
- Sample Survey : Goals, Stages, Methods.
- Questionnaire Construction : Difficulties, Physical feature of Questionnaire.

**UNIT - 3**

- Analysis of Data: Univariate methods, Bivariate methods, and Multivariate methods.
- Report Writing; Data collection, Data processing, analysis, finding, Summary, Appendices, Bibliographical, References.

**MPS- 111: Population and Society**

3 : hrs duration

Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

**UNIT - 1**

- Aspects of Society and culture in India & their role in Population Studies.
- Basic concepts: society, community, social structure and stratification, culture ethnicity, social mobility.
- Brief account of social system, Social sections and their relationship with Population Studies.
- Social Institutions and planned Socio-cultural changes in India-family, Caste, Religion, Marriage, Education, Women's development.

**UNIT - 2**

- Recent trends of population growth in India. Deteriorating sex ratio and role of society.
- Demographical trends of female Child(0-6 years) in India with special reference to Rajasthan, Haryana, Punjab, Kerala, Tamilnadu.
- Causes and consequences of reducing female numbers.

**UNIT - 3**

- Varna & Caste system in India; Changing caste system in India, in the legislative, Normative and Behavioral context.
- Tribes in India; Definition of Tribes, Scheduled tribes, size, growth, com-

position and spatial distribution.

- Process of social change in India & its effect on Population characteristics.

#### MPS- 112: Population Ecology

3 : hrs duration Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT - 1

- The evolution of the man; Population prior to agricultural revolution
- Ecosystem: Definition and Concept, Conditions for growth of population in undisturbed ecosystem; interdependence among population: food chains & food web.
- Human Population: as part of Natural Ecosystem, population growth, impact of population growth as a species on Ecosystem.

#### UNIT - 2

History of population growth; Causes of Climatic Change, Environmental changes in the historic period

- Health problems due to Industrialization, Measures for Health protection of workers
- Prevention of Occupational diseases. Occupational Health in India. Role of World Health Organization (WHO) in Occupational Health.

#### UNIT - 3

- Environmental resources, environment and development. Implications of population pressure on resources and responses. Cycle of population growth, poverty, and resource degradation
- Interrelationship among population, Environment & human ecology.

#### MPS- 113: Population Information, Education & Communication

3 : hrs duration Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT - 1

- Meaning and concept of population Education.

- Need & Importance objective of population education
- Status of Population Education at school level in India.

#### UNIT - 2

- Integration of Population education integrated with other subjects.
- Integration of Population education in Adult education programmes and non-formal education.
- Education of community leaders, policymakers and programme managers.
- Designing of the material for different levels.

#### UNIT - 3

Communication Programmes;

- Information: Education and communication (IEC) in Family Welfare Programme at national, state and locals.
- Extension education: various methods of extension education for population awareness.
- Role of folk songs, Nukkad - natak, dramas, plays, public posters and mass media.

#### M.A. Final :- Semester IV

#### MPS- 114: Population Growth & Women

3 : hrs duration Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit. All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory. The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

#### UNIT - I

- Women Empowerment and its various Dimensions i.e. social, educational, economic and political.
- Women Autonomy and Population Growth,
- Effect of Women Education and Nutrition on their reproductive Health.

#### UNIT - 2

- National Commission of women: its role and utility.
- Rajasthan State Women Commission, Domestic Violence Protection Law- 2005; Policies and programmes related to Women Welfare
- Pre-natal Diagnostic Technique (Regulation and Prevention of Misuse) Act-1994.
- Women's human rights: Problems and challenges faced by Indian women.
- Women Empowerment, Violence against Women, Different Types of Violence,
- Effect of Violence on mental and Physical Health of Women.

#### UNIT - 3

- Women's health & safe mother hood in India, especially in rural areas.
- Gender Issues in Population Studies, Fertility behavior and Sex Imbalances in India and Its Consequences.



- Son Preference Attitude in different communities and groups.
- Health Related Programs of the women at State and National Level.
- Reproductive rights; its objectives and base of action.
- Reproductive Health Issues, Reproductive and Child Health in India.

**MPS- 115: Statistical Techniques in Population Studies.**

3 hrs duration

Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

**UNIT - 1**

- Descriptive Statistics - Classification and Tabulation of Data, Frequency distribution, Histograms and Frequency polygons, Diagrammatic and Graphic representation of Data.
- Statement of hypothesis - Null Hypothesis and Alternative hypothesis.
- Measures of central tendency: Arithmetic means, mode, Median - Properties, Merits and Limitations of each measure.
- Measures of dispersion: Range, Standard deviation, Coefficient of variation, Skewness and Kurtosis.

**UNIT - 2**

- Correlation: meaning of Correlation, Karl Pearson's Coefficient Correlation, Coefficient of Correlation and its interpretation, Rank Correlation
- Regression Analysis: Definition of Regression, Linear and Multiple Regression equations, Prediction and Accuracy of Predictions.

**UNIT - 3**

- Large Sample tests for Proportions; difference between proportions and means.
- Chi-Square test and goodness of fit; general features of Chi Square. Yates Correlation.
- Analysis of Variance: - one- way and two- way classification. Utility and characteristics of ANOVA.

**MPS- 116: Population Concepts & Aging**

3 : hrs duration

Max. Marks : 40

**Note : The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one

Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks. each question is of 8 marks.

**UNIT - 1**

- Early thinking and Pre-malthusian theories of population.
- Theory of Malthus with its Merits & Demerits.
- Marxist and Socialistic Views.
- Biological theories of population.
- Concept of Optimum Population and Demographic Transition.

**UNIT - 2**

- Socio - economic characteristics of population: Literacy and educational attainment, religion, rural and urban residence, labor force participation, employment and occupation
- Population and Religion: Value of Hindu Religion in regulation and maintenance of population growth in India.
- Demographic profile of different religions in India

**UNIT - 3**

- Basic concept of Demographic terms; Gerontology and Geriatrics.
- Demographic, social, economic, medical and Psychological characteristics of the Elderly.
- Determinants of mortality at older ages. Health seeking Behaviour of the aged in India
- National policy for older peoples.
- Vienna International Plan of Action on aging.

**MPS- 117: Reproductive Health**

3 : hrs duration

Max. Marks : 40

**Note: The question paper will be divided into three parts - ABC**

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

**UNIT - 1**

- Reproductive health and Women's Reproductive Rights. its objectives and base of action.
- Reproductive Health Issues, Reproductive and Child Health in India,
- Reproductive Health Programme management Strategies; Targeting the people in need, unmet need approach and health seeking behaviour.

**UNIT - 2**

- Health Related Programs at State and National Level, specially for Women and children Education and Nutrition with reference to Quality of Life.
- Awareness strategies: Enhancing knowledge, Information and education; enhancing access of Health care, Education for young generation.



### UNIT - 3

- HIV/AIDS and Sexually Transmitted Diseases (STD's)
- Monitoring and care of HIV/AIDS patients, Ethical partner counseling, Medical and social aspects of reproductive tract infections (RTIs) Sexually transmitted diseases (STDs) and Human Immune Deficiency Virus(HIV)/ Acquired Immune Deficiency Syndrome(AIDS).
- Importance of Guidance and Counseling,
- Models of Guidance and Counseling

#### MPS- 118:(A) - Projects in Population studies

3 : hrs duration

Max. Marks : 40

**Note :** The question paper will be divided into three parts - ABC

**Part A** - This part is of 8 marks. Eight questions are to be set at least 2 from each Unit All questions are compulsory. The answer for each question should not exceed twenty words. All questions carry equal marks, each question is of one mark.

**Part B** - This part is of 8 marks. Four questions are to be set at least one from each Unit. All questions are compulsory The answer for each question should not exceed fifty words. All questions carry equal marks, each question is of two marks.

**Part C** - This part is of 24 marks. Six questions are to be set, that is two from each Unit. The candidates have to answer any three questions choosing at least one Question from each Unit. The answer for each question should not exceed four hundred words. All questions carry equal marks, each question is of 8 marks.

### UNIT - 1

- Projects in Population Studies
- Various project being run by central and state government to active small family norms.
- Various Organization of funding these programme Budgeting, management and control.

### UNIT - 2

- Approaches & strategies to disseminate population & health education messages. to out of school children, children studying at non formal centers & persons at adult education centre.

### UNIT -3

- Evaluation of Population Education Programme./Tools & Techniques
- Concept & meaning of evaluation..
- Formulation of a Research Project on any topic related to population.

Or

#### MPS- 118:(B) Dissertation/Survey Report/Field Work/ Case Study

Max. Marks : 40

The Dissertation/Field Study/Case Study/Survey Report will be undertaken by the candidates under the supervision of recognized research supervisor of the University. The study envisages collection of primary data employing appropriate research methodology, tools, techniques as well as evaluation of various experimental designs. Proper data analysis, critical interpretation and emerging trends will be highlighted.

The subject chosen for the Dissertation/Field Study/Case Study/Survey Report should be of relevance to population issue and should preferably take an interdisciplinary view. The candidates may formulate any research problem based on their training, specialization and skills in consultation with their Supervisors.