

Syllabus of B.Ed.: B.Ed. COURSES

PAPER VII-A

POPULATION EDUCATION

COURSE OBJECTIVES

- 1.To develop in the student-teacher an understanding of the concept, and importance of Population education.
- 2.To enable the students to understand various terminologies connected with population studies and factors responsible for population growth.
- 3.To develop an awareness of the implications of population growth on various aspects of social functioning.
- 4.To help student-teacher to understand the effect of unchecked growth of population of the depletion of natural resources from the environment.
- 5.To help student-teacher to appreciate the role of population education as an educational intervention for upgrading the quality of social functioning.

COURSE CONTENTS

UNIT-I

- Introduction: concept, need ,scope, importance and objectives.

UNIT-II

- Population dynamics: distribution and density, population composition according to age, sex, rural, urban, literacy-all India.
- Factors affecting the population growth: Fertility , mortality and migration(mobility)

UNIT-III

- Population and quality of Life: Population in relation to socio-economic development, health status, nutrition health services and education.
- Effect of unchecked growth of population on natural resources and environment.

UNIT-IV

- Scope of population education in Schools.
- Curriculum of population education in schools, integration of population education with the general school curriculum.

UNIT-V

- Methods and approaches: Inquiry approach, observation, self-study, discussions, assignment.
- Use of mass-media: Newspapers, Radio, Television, A.V. Aids.

UNIT- VI

- Family life education: Concept of family, family role and responsibilities family needs and Resources , responsible parenthood, life values and belles.

UNIT-VII

- Role of teachers in creating awareness of the consequences of population problems, inculcating new values and attitudes leading to modification of student behaviour.
- Working with community to build awareness.

UNIT-VIII

- Role of central and state government in population control and health preservation: National population policy , various population related policies and programmes voluntary and international agencies –UNEP, WHO, UNESCO etc.

PAPER VII-B

ENVIRONMENTAL EDUCATION

COURSE OBJECTIVES

- 1.To enable the student-teacher understand about the concept of environmental education.
- 2.To develop in the student-teacher a sense of awareness about the environment pollution , and possible hazards and its causes and remedies.

- 3.To develop a sense of responsibility towards conservation of environment , bio-diversity and sustainable development
- 4.To develop reasonable understanding about the role of school and education in fostering the idea of learning to live in harmony with nature.
- 5.To enable the student to understand about the various measures available to conserve the environment for sustaining the development .

COURSE CONTENTS

UNIT-I

- Environment: Meaning, type, need and importance of environment
- Environmental education : Meaning , objectives , scope and nature of environment education.

UNIT-II

- Type of environmental pollution – physical, air, water, noise and chemical....
- Causes and effects of environmental hazard, global and local environmental pollution and its remedies.
- Green house effect- an impending catastrophe.
- Ozone layer depletion- environmental threat, acid rain, pillar melting, rise of sea level and their implications.

UNIT-III

- Teaching methods of Environmental education at various levels- their merits and demerits.
- Salient features of environmental awareness through education: Programmes of environmental education for secondary school children.

UNIT-IV

- Biodiversity : Conservation of genetic diversity, an important environment priority: learning to live in harmony with nature.

UNIT-V

- Programmes of environmental education for attitude changes among the children.
- Role of school in environmental conservation and sustainable development.

PAPER VII (C)

EDUCATIONAL ADMINISTRATION AND MANAGEMENT

COURSE OBJECTIVES.

1. To acquaint the student -teachers with the concept and concerns of educational administration.
2. To develop an understanding of the role the headmaster and the teacher in school management.
3. To enable the student teacher to critically analyse the administrative scenario in relation to the functioning of the other secondary schools of the area.
4. To acquaint the student teacher with the scientific practices of educational management and keep him to apply it in work situation.

COURSE CONTENTS

UNIT-I

- Conceptual framework : Concept of educational administration.
- Concept of educational management human beings as inputs, process and products outputs.
- Need , objectives , scope and functions of educational administration and management.

UNIT-II

- Role and functions of headmaster: Basic functions of administration- planning, organizing, directing and controlling.
- Maintenance of discipline, control management.
- Supervision and inspection, defects in the present supervision& inspection.

- Scope of educational supervision.
- Types of supervision.
- Crisis in management.

UNIT-III

- Decision making – concept, types and limitations.

UNIT-IV

- Management of Schools: role of headmaster in planning of school activities.
- Approaches to management – manpower approach, cost benefit approach, social demand approach, social justice approach.
- Involvement of other functionaries and agencies in the preparation of a plan.
- Delegation of authority and accountability.
- Role of headmaster in monitoring, supervision and evaluation.
- Role of headmaster in motivating the staff, in resolution of interpersonal conflicts.
- Role of the headmaster in creating resources and managing financial matter.
- Optimum use of available resources for growth and development of the school.
- Staff development programmes
- Role of teacher in School management and administration.

UNIT-V

- Role of the Central Government in educational administration.
- Education as concurrent subject.
- Central administrative machinery of education .
- Various advisory bodies of Central Government.

UNIT-VI

- Educational administration in the state: The administrative structure in the field of education in the state with specific reference to Uttarakhand State.

- Control of school education in the state –a critical analysis.
- Functions of the State Government in relation to secondary and higher secondary schools.
- Functions of the broad of secondary education in controlling secondary schools.
- Problems of secondary school administration in government schools.

PAPER VII –D

EDUCATIONAL AND MENTAL MEASUREMENT

COURSE OBJECTIVES

- 1.To acquaint the student- teacher with the basic scientific concepts and practices in educational and mental measurement.
2. To enable the student-teacher to tabulate and find out some standard meaning from the raw scores by using statistical procedures.
3. To develop skills and competencies in the student – teacher for the use of the techniques in the field.
4. To enable the student-teacher to interpret the result of educational measurement.
5. To enable the student-teacher understand about various educational and mental measurement

Tools

COURSE CONTENTS

UNIT-I

- Historical development of measurement .Quantitative and Qualitative measurement, functions of measurement.
- Scales of measurement: nominal, ordinal, interval and ratio scales.
- Measurement and evaluation steps of evaluation process, Tools of evaluation, Uses of

evaluation.

UNIT-II

- Type of tests: Essay, objectives and performance tests, individual Vs. group test, oral Vs. written tests: speed Vs. power tests; teacher made Vs. standardized tests.
- Tests construction: Planning, item analysis – procedures and item selection , preparing the final draft.
- Qualities of test: Reliability – meaning and its types , validity – meaning and its types.

UNIT-III

- Techniques of test conduct – importance of establishment of rapport with the students, arranging the seats and distribution of questions and copying; techniques for avoiding guessing in answering; objective scoring.

UNIT-IV

- Norms – meaning and types.
- Interpreting measurement: normal probability curve, skewness and kurtosis . Percentiles and percentile ranks, standard scores.

UNIT- V

- Achievement tests: construction of standardized achievement tests, types of test items.
- Measurement of intelligence: concept of intelligence, Binet test, concept of I.Q., Individual and group tests of intelligence.
- Aptitudes and personality tests: Use of aptitude tests- overview.
- Assessment of personality: interview, self- report inventories, rating scale, projective techniques.
- Use of creativity tests.

PAPER- VII – E

TEACHING OF VALUES

COURSE OBJECTIVES

- 1.To understand the nature and sources of values and disvalues.
- 2.To understand the classification of values under different types.
- 3.To appreciate educational values like democratic, secular and socialist.

COURSE CONTENTS

UNIT-I

- Nature and sources of values, biological, psychological, social& ecological determinants of values – their bearing on education in varying degrees.

UNIT-II

Classification of values into various types- material, social, moral and spiritual values; status of values, how can these be realized through education.

UNIT-III

- Corresponding to values there are evils or disvalues- material, social, economic, moral and religious evils leading to faithlessness and irreverence; how can education overcome these negative values.

UNIT-IV

- Levels of value realization, how to resolve the conflicts among values, how to work for the integration of values that are embedded in education.

UNIT-V

- Development of values as a personal and life- long process –teaching of values as an integral part of education.

UNIT-VI

- Evaluating that –Teachers and other school personnel are value laden, students and parents are value laden, Curriculum is value laden evaluate, Evaluate.
- Value of self- sacrifice vs. value of self- centeredness.

- Value of excellence vs. value of ego- centralism.
- Value of work vs value of selfishness.
- Every teacher or all teachers need to teach values.

PAPER VII-F

COMPUTER EDUCATION

COURSE OBJECTIVES

1. To acquaint the students with basic elements of computers and its use in education.
2. To acquaint them with various types of educational software packages.
3. To prepare students for using computers for educational purposes.
4. To acquaint them the information technology and Internet.

COURSE CONTENTS

UNIT-I

- Computers: meaning and characteristics
- Development of computers - its generations; Types of computers.
- Hardware and Software parts- CPU, ALU, CONTROL, UNIT, Memory- Type of memory.
- Peripherals of computer – Input and output devices.

UNIT-II

- Types of Computer Operating System- single user, DOS; Multi user- Windows based operating system, UNIX.

UNIT-III

- Application Software (e.g. Word processor, Spread sheet, Power point presentation, Internet browsers ,e-mail) -their important features, Criteria for evaluating educational software.

- Programming Language- High level and lower level languages.
- Electronic networking – LAN, WAN, World Wide Web.

UNIT-IV

- Using MS Word –Brief description of creating & editing the text, Using graphics, Saving the document.
- Using MS Excel-Brief description of creating a Spread sheet, use of spread sheet in e - learning.
- Using MS Power point – Brief description of procedure to create a slide, presentation of slide-show.
- Using Internet- Important features of internet, e-mail, internet in research and education.

UNIT-V

- Meaning of computer assisted instruction and computer managed instruction.
- Application of computer in teaching –(Preparation of Lesson Plans, Notes ,Question Paper, Report Card etc.)
- Application of computer in Learning –(Searching directory, Using encyclopedia , Using e-books, Use of computer in Project work, writhing note and application , Using greeting cards& invitations etc.
- Use of computers in Education– Administrative uses in Guidance, Research, Testing , Educational Planning and Open learning system.

UNIT-VI

- Advantage and Disadvantage of Computers in Education.
- Some Issues regarding use of computers like ethics, copyright , Hacking , mathematical calculations etc.

PARTICUM

- Writing notes and letters with the help of word processor.

- Making a Spread Sheet.
- Preparing report card in computer
- Preparation of a lesson plan by using text, images , video, clip, art etc.
- Opening e-mail address.
- Sending and receiving the electronic messages.
- Accessing desired websites.
- Downloading information from net.