

Kashi Naresh University, Bhadohi

Faculty of Education

Syllabus for Ph. D. Entrance Examination

UNIT-I

- **Education and Philosophy:** Meaning, Different forms of Education, Branches of Philosophy.
- **Western School of Philosophy:** Idealism, Realism, Naturalism, Pragmatism, Existentialism with special reference to the concepts of knowledge, reality and values; their educational implications for aims, contents and methods of teaching.
- **Indian School of Philosophy :** Vedanta, Buddhism, Jainism, Islamic traditions with special reference to the concepts of knowledge, reality and values; their educational implications.
- **Contributions of Educational Thinkers:** Vivekananda, Tagore, Gandhi and Aurobindo to Education.

UNIT-II

- **Sociology of Education :** Meaning and nature. Education and social change, Constraints on social change (Caste, ethnicity, class, language, religion, population and regionalism). Education as related to social equity and equality of educational opportunities. Education of socially and economically disadvantaged section of society with special reference to scheduled castes and scheduled tribes, Women and rural population. Education as a fundamental right.

UNIT-III

- **Process of growth and Development** with reference to: Physical, Social, Emotional and Intellectual development. Concept formation, Logical reasoning, Problem solving and Creative thinking, Language Development. Individual differences – determinants- role of heredity and environment. Implication of individual differences for organizing educational programmes.
- **Intelligence:** Meaning, Its Theories (Spearman , Thurstone, Cattell, Guilford, Gardner, Sternberg Piaget) and Measurement.
- **Learning and Motivation:**Theories of learning- Thorndike's connectionism; Pavlov's Classical and Skinners operant Conditioning; Learning by insight ;Hull's reinforcement theory and Tolman's theory of learning; Gagne's hierarchy of learning. Factor influencing learning. Learning and Motivation.
- **Personality:**Concept, type and theories (Freud, Allport, Cattell, Maslow, Erikson and Bandura), measurement of personality, Mental health and hygiene. Process of adjustment, conflicts and defence mechanism.

UNIT-IV

- **Educational Research:** Meaning, Nature and Types. Nature of Variables, Identification of Research Problem. Hypothesis: Concept, difference with assumptions, source, various types of hypothesis. Concept of population and sample, Various methods of sampling . Questionnaire, Observation and interview as tools of data collection; tests and scales: Their reliability, Validity and Norm.

- Descriptive Research, Ex-Post facto Research, Survey Method, Historical Research, Experimental Research: Designs of experimental research, Characteristics internal and external validity in experimental research; Qualitative research: Phenomenological research, Ethnomethodical and Naturalistic inquiry.

- Analysis of Data, Descriptive statistics- Measures of central tendency, Variability, Correlation, NPC, Graphical Presentation of Data ; Inferential Statistics- Null hypothesis, test of significance. Types of error, one-tailed and two-tailed tests , t-test , F- test (One-way ANOVA), Non-Parametric tests (Chi-Square test), Biserial, Point-biserial, tetrachoric and phi-coefficient of correlation, Partial and Multiple correlations .

