

UKPSC Polytechnic

Examination



Syllabus 2016

euttaranchal

Lecturer (Group 'B')

Part - I :

General Studies

A. Current events of National and International importance, Sports and Entertainment, Indian History (ancient, medieval, modern), Indian National Movement, Indian Geography, Economy and Agriculture, Natural Resources, Planning, Sustainable and Inclusive Development, Natural Calamities and Disaster Management, Human Resource Development Index of India, Basic Knowledge of Indian Constitution, General Science, Development and Environmental Problems - Main Problems related to development, population growth, environmental pollution, emission of greenhouse gases and measures to overcome the problems. Laws for environmental conservation, Biotechnology and Health Issues : Biotechnology, development of vaccines against new diseases, genetically developed plants, regeneration of worn out and dead tissues and human organs, control of pollution using bacteria, biofuel, Development of Science and Technology In India : Energy and Water Resources : Energy crisis, energy conservation, conventional energy sources, renewable energy, types of Indian water resources, use and management.

B. Information, Communication Technology and Computers : Development of information and communication technology in India, benefits and adverse effects. Basic components and structure of computer and its uses, Modern Indian Education System - Indian Education Commission, University Grants Commission, National Policy on Education, Education for Equality, Sarva Shiksha Abhiyan, Use of Modern Technology in Education, National Knowledge Commission – Main Recommendations Right to Education, e-Governance, Teaching Competence and Communication - Teaching Skills, Teaching Methods and Techniques, Teaching Aids Comprehensive and Continuous evaluation, Value based Education - Types of Values, Development of Values through Education.

Part - II :

General Knowledge related to Uttarakhand

- 1. General Geography** - Location and Extent, Structure and Relief, Climate and Drainage systems, Demography, Transport and Communication network.
- 2. History-** (a) Ancient Period - Inhabiting races and tribal groups, Dynasties (Kuninda, Paurav and Katyuri). (b) Medieval Period - Later Katyuri, Chand and Panwar dynasties. (c) Modern Period - Gorkha and British Period, Post-Independence scenario.
- 3. Natural and Economic Resources** - Water, Forest, Minerals, Livestock, Agriculture and Horticulture, Wild-life conservation, Parks and Sanctuaries
- 4. Political and Administrative Setup** - Administrative setup at the State, District and Tehsil levels.
- 5. Education and Culture** - Educational and Training Institutions, Dialects and Languages, Customs and Traditions, Festivals, and Fairs.
- 6. Social Reform Movements** - Coolie Begar, Dola -palki, and Forest Movements.
- 7. Economic Development** - Hydro-electricity, Industry, Horticulture, Tourism, and Herbal Industry development.
- 8. Developmental Plans** - Scheduled Castes and Tribal Development planning.
- 9. Important Contemporary events, Sports & Entertainment.**

Part - III :

General Intelligence Test

Questions of verbal , non-verbal and analytical types, analogies, syllogism, similarities, differences, missing numbers, characters and sequences, space visualization, problem solving, analysis, decision making, visual memory, discrimination, observation, relationship concepts, direction sense, coding –decoding, arithmetical reasoning, verbal and figure classification, data representation and analysis, arithmetical number series. The test would also include questions designed to test the candidates' ability to deal with abstract ideas, facts and figures, symbols and their relationships, arithmetical and numerical computations and other analytical, mathematical and quantitative functions.

Part - IV :

Language Subject : Hindi Language

पर्यायवाची शब्द, विलोम शब्द, शब्द समूहों के लिए एक शब्द, उपसर्ग-प्रत्यय, तत्सम-तत्भव शब्द, वर्तनी शुद्धि, वाक्यशुद्धि, समास, संधि विच्छेद, मुहावरे एवं लोकोक्तियाँ

Subject : English Language, Total Marks - 10

Use of Prepositions, One Word substitution, Use of Articles in English, Common errors in English, Idioms, Conversion of one part of speech into another, Noun to Adjective, and the like, Comprehension of a given passage in English (questions will be asked on the following topics), Synonyms & Antonyms, Hindi translation of a given underlined English Sentence, One more question will be also based on the comprehensive passage.