Department of Geography
Savitribai Phule Pune University
Syllabus for Online Entrance Examination for Advanced Course in Geospatial Technology

Section A – General knowledge / aptitude / logic

Unit 1: Mathematical Reasoning and Aptitude:

1. Number series
2. Letter series
3. Elementary statistics
4. Time Speed and Distance
5. Proportion and Percentage
6. Profit and Loss
7. Interest and Discounting
8. Time and Work
9. Ratio and proportion

Unit 2: Logical and Analytical Reasoning Syllabus:

1. Arrangement – Seating/ Circular
2. Directions
3. Calendars
4. Clocks
5. Blood Relationship
6. Number Series
7. Coding-Decoding
8. Assumption
9. Syllogisms

Unit 3: General Awareness and Environment:

1. Human and environment interaction
2. Environmental issues
3. Natural and energy resources
4. Natural hazards and disasters
5. Current affair
6. General knowledge

Section B – Subject specific

Section 1: Quantitative Aptitude & Reasoning:

To measure how accurate a candidate can handle computation, reasoning and interpretation of tables, graphs, etc. To gauge the thinking and reasoning aptitude of the candidate through questions of various kinds. Problems may be of three types, namely series, analogies and classification.

Section 2: General Awareness of Geography, GIS and Environment:

This section is to assess how well you are aware of basic geography, GIS, and environment.

Section 3: Computer basics:

The syllabus is as per Maharashtra State Certificate Course in Information Technology (MSCIT) and general knowledge about computers and the web.

Section 4: General English:

General English questions are designed to test the candidate's knowledge and understanding of basic grammar, vocabulary, important English language rules, etc.

Rules for Tenses, Prepositions, Conjunctions, Active and Passive Voice, One Word Substitutions, Homophones/Homonyms, Synonyms and Antonyms, Idioms and Phrases, Spotting the Error, Sentence Correction Questions, Adjective Degree of Comparison Rules, Direct & Indirect Speech, Sentence Rearrangement & Para jumbles.