

KARNATAKA FOREST DEPARTMENT

RECRUITMENT FOR THE POSTS OF DEPUTY RANGE FOREST OFFICER

SYLLABUS for B.Sc.(Forestry) Graduates

Time: Three Hours – Marks: 100

APTITUDE TEST

PART-A - 30 Marks

This part of the aptitude test shall measure the candidate's comprehension, memory, reasoning, speed, and analysis, evaluation of facts, data, events and judgment. The question paper would be of **thirty** Objective Type questions divided into four sections.

1. Numerical ability - 10 marks
2. Verbal and non-verbal ability - 5 marks
3. Logical and analytical reasoning - 10 marks
4. Statistics - 5 marks

Scope and coverage:

- ❖ **Numerical ability**
Candidates would be tested on their understanding of basic arithmetic and speed of calculation:, number systems, averages, percentages, profit and loss, simple and compound interest, sequences, indices, ratio and proportion, partnership, time and work, speed and distance, algebra, trigonometry , heights and distances, mensuration, geometry.
- ❖ **Verbal and non-verbal ability**
Letters and words as symbols, analysis relationship between groups of letters or words, completing series or order of letters or word analogy, finding odd man out, coding and decoding based on illustrated principles. Shapes and patterns, arranging shapes or designs into associated groups and finding out the odd man and completing the sequence.
- ❖ **Logical and analytical reasoning**
Application of logic and making judgments in given situations.
General reasoning and determination of the validity of an inference from a statement based on some given parameters.
- ❖ **Statistics**
Elementary statistics such as mean, median, mode, making deductions from pie and bar charts, graphs, figures and tables.

PART-B - 45 Marks

This part of the aptitude test shall measure the candidate's fundamental understanding of Forestry subjects he has studied at graduation level. The question paper would be of **forty five** Objective Type questions.

