

## **Indian Army Nursing Services Exam Syllabus for General English:**

Synonyms

Antonyms

Vocabulary test

Double Synonyms

Homonyms

One word substitution

Comprehension

Theme detection

Deriving conclusion from passage

Sentence completion

Passage completion

Choosing the appropriate filler

Common errors

Spotting errors

Sentence improvement

Passage correction

Choosing the correct/incorrect sentence

Reconstruction of sentences

Rearrangement of sentence in paragraph

Idioms and phrases

## **Syllabus for Biology:**

The Nature of Biological Sciences.

Life and its Characteristics.

Cell & Tissues.

Animal Husbandry.

Apiculture.

Pisciculture

Poultry Management.

Dairy management.

Animal breeding.

Bio-medical Technology.

Algae, Fungi.

Plant Diseases.

Viruses.

Bacteria.

Bryophytes.

Pteridophyte.

Gymnosperm.

Morphology of Angiosperm.

Anatomy.

Embryology of angiosperms.

Plant Physiology.

Biochemistry.

Plant growth and growth hormones.

Ecology.

Plant Succession.

Environmental Pollution.

Cell Biology.

### **Syllabus for Physics:**

Mathematical Methods.

Classical Mechanics and Relativity.

Quantum Theory and its Applications.

Electromagnetic Theory.

Thermodynamics and Statistical Mechanics.

Atomic and Molecular Physics.

Condensed Matter Physics.

Nuclear and Particle Physics.

Electronics.

Experimental Physics.

### **Syllabus for Chemistry:**

Analytical Chemistry.

Analytical techniques.

Structure and Bonding.

Acids and Bases.

Redox Reactions.

Nuclear Chemistry.

Chemistry of Transition Elements.

Inorganic reaction mechanism.

Bio-inorganic Chemistry.

Organic synthesis.

Quantum Chemistry.

Chemical Kinetics.

Thermodynamics.

Electrochemistry.

Photochemistry.

### **Syllabus for General Intelligence:**

verbal and non-verbal type.

Analogies.

similarities and differences.

space visualization.

spatial orientation.

problem-solving. analysis.

Judgment. Decision making.

Visual memory.

Discrimination.

Observation.

Relationship concepts.

Arithmetical reasoning.

Figural classification.

Arithmetic number series.

non-verbal series.

Coding and decoding.

Statement conclusion.

Syllogistic reasoning.

Semantic Analogy.

Symbolic/Number Analogy.

Figural Analogy.

Semantic Classification.

Symbolic/Number Classification.

Figural Classification.

Semantic Series.

Number Series.

Figural Series.

Problem Solving.

Word Building.

Coding & de-coding.

Numerical Operations.

symbolic Operations.

Trends.

Space Orientation.

Space Visualization.

Venn Diagrams.

Drawing inferences.

Punched hole/pattern –folding & unfolding.

Figural Pattern – folding and completion.

Indexing.

Address matching.

Date & city matching.

decoding and classification.

Embedded Figures.

Critical thinking.

Emotional Intelligence.

Social Intelligence.

Other sub-topics.

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