

Goa University Multi Tasking Syllabus

Goa University Multi Tasking Syllabus For General English

- Substitution
- Synonyms
- Para Completion
- Antonyms
- Idioms and Phrases
- Sentence Improvement
- Prepositions
- Transformation
- Sentence Arrangement
- Active and Passive Voice
- Joining Sentences
- Fill in the blanks
- Spotting Errors
- Passage Completion
- Spelling Test
- Sentence Completion
- Error Correction (Phrase in Bold)
- Error Correction (Underlined Part)

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- Areas
- Volumes
- Profit and Loss
- Problems on Trains
- Time and Work Partnership
- Ratio and Proportion
- Boats and Streams
- Time and Distance
- Problems on Numbers
- Compound Interest
- Simple Equations
- Numbers and Ages
- Mensuration
- Percentages
- Pipes and Cisterns

- Problems on L.C.M and H.C.F
- Races and Games
- Mixtures and Allegations
- Quadratic Equations
- Simple Interest
- Odd Man Out
- Probability
- Averages
- Indices and Surds
- Permutations and Combinations
- Simplification and Approximation

University of Goa Multi Tasking Syllabus For Reasoning

Verbal reasoning

- Analogy
- Series Completion
- Verification of truth of the Statement
- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha- Numeric Sequence Puzzle
- Puzzle Test
- Blood Relations
- Coding- Decoding
- Assertion and Reasoning
- Arithmetical Reasoning
- Operations of Mathematics
- Venn Diagrams
- Word Sequence
- Missing Characters
- Sequential Output training
- Directions
- Test on Alphabets
- Eligibility Test

Non-Verbal Reasoning

- Dot Situation
- Identical figure groupings
- Forming figures and analysis

- Construction of squares and Triangles
- Series
- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice
- Water Images
- Mirror Images
- Figure Matrix
- Completion Incomplete Pattern
- Spotting embedded figures
- Classification
- Rules Detection

Goa Office Attendant, Library Attendant, and Laboratory Attendant General Awareness Syllabus

- Inventions and Discoveries
- Sports
- Indian History
- Indian Parliament
- Famous Days & Dates
- Famous Books & Authors
- Indian Politics
- Indian Economy
- General Science
- Current Affairs
- Rivers, Lakes, and Seas
- Famous Places in India
- Tourism
- Countries and Capitals
- Artists
- Culture

Goa University Multi Tasking Syllabus For Anatomy

- Cardiovascular system and lymphatic system-Blood supply of heart + lymphatic drainage of heart.
- Thoracic outlet syndrome.
- Abdominal quadrants.
- Vermiform appendix-Positions of the appendix.
- Difference between male and female pelvis.

- Layers of Scalp.
- Triangles of the neck, contents of the anterior triangle.
- Paranasal sinuses with applied anatomy.
- Cartilages of the larynx.
- Names of Cranial Nerves.
- Pharyngeal arches.
- History of cardiac muscles.
- Difference between thick and thin Skin.
- Annual pancreas.

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Nerve Muscles

- Neuromuscular transmission
- Muscle proteins(Biochemistry)
- Excitation-Contraction coupling

Blood

- Anemia
- Hemostasis

Respiratory System

- Mechanics of respiration-I
- Mechanics of respiration-II

Cardiovascular System

- ECG
- Exercise physiology
- Cardiovascular reflexes
- Special features of circulation in skeletal muscles and skin

Gastrointestinal System

- Introduction of G.I. Physiology: General organization of G.I. tract
- Pathophysiology of diarrheal disease

Nutrition

- Diet during pregnancy and lactation

- Diet during infancy and childhood
- Environmental Physiology
- Man in the cold environment
- Man in the hot environment
- Reproduction

Kidney

- Renal Tubular function-I
- Renal tubular function-II
- Micturition

General

- CSF
- Physiology of pain
- Brain stem reflexes, stretch reflexes and tendon reflexes
- Basal ganglia
- Speech
- Functional anatomy of the eye
- Functional anatomy of the ear: impedance matching
- Auditory pathway
- Olfaction

University of Goa Multi Tasking Syllabus For Bio-Chemistry

a. Molecular Biology-its role in Clinical Biochemistry

Structure, biochemical role of DNA and RNA, Genomes, Basic concepts of DNA & RNA metabolism Replication, Transcription and Translation-importance of their inhibitors, Recombinant DNA technology, and polymerase chain reaction-their role in medicine, Gene therapy, Genomics and Bioinformatics, their relevance to medicine.

b. Biochemical basis of Hormone action

Communication among cells and tissues, Molecular mechanism of action of Steroid hormones, hormones of the pancreas, thyroid and parathyroid, Signal transduction, G-Proteins coupled receptors and second messengers, Role of leptins and adipocytokines.

c. Clinical Biochemistry

Organ function tests: Liver function tests, Kidney function tests, Thyroid function tests, Adrenal and Pancreatic function tests, Tumor markers and growth factors, Biochemical changes in pregnancy and lactation, Water and electrolytes balance and imbalance, Acid-base balance and disorders. Total Quality Management of Laboratories, Internal quality control, External quality control, Accreditation of laboratories.