



Annexure I

JUNIOR TECHNICAL ASSISTANT (ABAP)
DETAILED SYLLABUS OF PART A

| Particulars | Syllabus - General (Part A) |
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| General Knowledge | <ul style="list-style-type: none">• Facts about India and other countries: Basic facts / Geography / Tourism / Transport systems / Personalities / Places / History / Constitution / Economy / Writers / Literatures / Indian States & Union Territories / International Organizations.• General Science : Branches of studies / Scientific instruments and appliances / Physics / Chemistry / Biology• Sports & Games• Important Events/ Movements / Leaders / Places / Years• Writers – Authors – Biography - Autobiography• Abbreviations |
| General English | <ul style="list-style-type: none">• Spotting Errors / Vocabulary usage / Sentence Completion / Synonyms / Antonyms / Reconstruction of sentences / One word substitution / Idioms & Phrases / Grammar / Correct usage of Articles / Prepositions / Singular and Plural |
| Reasoning | <ul style="list-style-type: none">• Analogy / Classification / Series Completion / Coding-Decoding / Blood Relation / Direction Sense Test / Alphabet Test / Number and Ranking / Puzzle Test / Odd Man out / General Intelligence |
| Quantitative Aptitude | <ul style="list-style-type: none">• Number system / Fraction and Decimals / Simplification / Volume and surface areas / Square roots and Cube roots / Problems based on numbers, Speed, Time and Distance, Simple Interest / Compound Interest / Boats and Streams / Problems on Trains / Percentage - Interest / HCF and LCM / Average / Ratio and Proportion / Time and Work / Problems based on ages / Profit, Loss and Discount, Statistics / Permutations & Combinations / Probability. |



DETAILED SYLLABUS OF PART B

Syllabus - Discipline related (Part B)

- ERP fundamentals
- SAP R/3 technical details
- Internal tables
- ABAP Dictionary ,DDIC, Data Types and Data Objects
- Programming guidelines & Performance tuning
(including SQL trace tool & runtime analysis, code inspector etc)
- Database
- Database table operations
- Extract datasets
- Generation of various types of reports, ALV, classical reports, Simple and interactive reporting and other Reporting options
- Selection screen
- Creation of module pool programs
 - Designing screens using various screens elements
 - Navigation in between multiple screens
 - Table control
 - Screen painter
 - Menu painter
 - Creation of menu bar, tool bar, title bar etc.,
 - Sub screen, Tab strips
- ABAP debugging
- SAP Scripts
- Smart forms
- Adobe forms
- BDC (batch data communication)
- LSMW(Legacy System Migration Workbench)
- Object Oriented programming, Message class
- Authorization objects
- SAP Query, info set, Quickviewer
- Functional Modules
- BAPI
- BADI'S
- User Exits
- Enhancements
- Web Dynpro for ABAP
 - Controllers
 - Context
 - View
 - Assistance class
 - Value help
 - UI elements
 - Component reuse
- Workflow



- Workflow configuration
- Workflow tasks
- Workflow administration
- SAP module knowledge - SD ,PS,FICO, MM,QM,HCM etc and other relevant modules
- Should have understanding of Data structure and Data tables of different modules of SAP e.g. MM, PM, PS, SD, HCM, FICO, SRM etc
- Understanding Functional specification and designing technical specification
- Code review techniques
- Unit Testing
- Transport and workbench request
- Transport organizer
- Version management
- UI5, HANA , Fiori
- CROSS APPLICATIONS
- RFC (Remote Function Calling)
- ALE (Application Link Enabling)
- IDOC
- EDI (Electronic Data Interchange)
- PI Proxy
