Compulsory Module

1. English

The module evaluates written English skills and is aimed at determining the candidate's ability to understand (a) the written text (b) the spoken word and (c) the ability to communicate effectively through written documents.

Number of Questions: 25   **Module Duration:** 25 min

Detailed Syllabus:

Vocabulary

>> Synonyms
>> Antonyms

Grammar

>> Subject-Verb Agreement
>> Tenses and Articles
>> Prepositions and Conjunctions
>> Speech and Voice

Comprehension

>> Inferential and Literal comprehension
>> Contextual vocabulary
>> Comprehension Ordering

2.Quantitative Ability

The module is ideal to evaluate the numerical ability of an individual and is available in both technical and non technical flavor.

Number of Questions: 25 **Module Duration:** 35 min

Detailed Syllabus:

Basic Mathematics

> Divisibility
> HCF and LCM
> Numbers, decimal fractions and power

Applied Mathematics

> Profit and Loss
> Simple and Compound Interest
> Time, Speed and Distance

Engineering Mathematics

> Logarithms
> Permutation and Combinations
> Probability

3.Logical Ability

The module assesses capacity of an individual to interpret things objectively, to be able to perceive and interpret trends to make generalizations and be able to analyze assumptions behind an argument/statement.

Befitting Job Functions/Profiles: This module will be relevant for almost all profiles such as Content Development, Business Consulting, HR/Admin, iTeS/BPO, Marketing, Engineering, Sales and Customer Management, IT, Hotel Management, Life Sciences, etc.

Number of Questions: 24

Module Duration: 35 min

Detailed Syllabus:

Deductive Reasoning

    Coding deductive logic
    Directional sense, Blood relations
    Objective Reasoning
    Selection decision tables
    Puzzles

Inductive reasoning

    Coding pattern and Number series pattern recognition
    Analogy and Classification pattern recognition

Abductive Reasoning

    Logical word sequence
    Data sufficiency

4.AMPI[Aspiring Minds Personality Inventory]

The module does an overall personality assessment of the candidate and is used to assess candidates in people-interaction and people-management roles.

Number of Questions: 80

Module Duration: 20 min

Detailed Syllabus:

AMPI: Aspiring Minds Personality Inventory is based on the five-factor model of Personality. AMPI measures five broad–based traits:

    Extraversion
    Conscientiousness
    Neuroticism
    Openness to Experience
    Agreeableness.

Computer Programming

The module is ideal to evaluate entry level talent's exposure and expertise in Computer Programming. This module is agnostic to programming languages and does not require the candidates to code during the test.

Befitting Job Functions/Profiles: Technical Support Executive, Computer Engineer, Software Developer – Web, System s/w, Product, Trainee, Testing Engineer, Research Engineer, Content Developer-IT, IT Recruiter, etc.

Number of Questions: 25   **Module Duration:** 35 min

Detailed Syllabus:

Basic Programming

     Data Types
     Iteration, Recursion, Decision
     Procedure, functions and scope

Data Structures

     Arrays, Linked Lists, Trees, Graphs
     Stacks, Queues
     Hash Tables
     Heaps

OOPs

     Polymorphism
     Abstraction
     Encapsulation

Miscellaneous

     Searching and Sorting
     Complexity Theory

Computer Science

The module focuses to assess the candidate's knowledge in basics of operating system and computer architecture, computer networks and database concepts.

Befitting Job Functions/Profiles: Software Developers, Database Administrator and Network Engineers

Number of Questions: 26 **Module Duration:** 22 min

Detailed Syllabus:

Operating System and Computer Architecture

     Basics of OS and Computer Architecture
     Process Management and Synchronization
     Memory and I/O Management

DBMS

     Data model
     Relational Algebra and SQL
     Normalization, Architecture, Indexing

Computer Networks

     Basics of networking and communication
     OSI, TCP/IP layers and protocols
     Network Devices and Routing Algorithms