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.

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

Number of Questions: 25

Module Duration: 25 min

Vocabulary

- Synonyms
- Antonyms
- Grammar
- Subject-Verb Agreement
- Tenses and Articles
- Prepositions and Conjunctions
- Speech and Voices
- Comprehension
- Inferential and Literal Comprehension
- Contextual Vocabulary
- Comprehension ordering

Sample questions:

Q1. Select the word which is OPPOSITE in the meaning of the given word: INDISCREET
- Reliable
- Honest
- Prudent
- Stupid

Q2. Select the word or phrase that is SIMILAR in meaning to the given word: NONCHALANCE
- Neutrality
- Indifference
- All-knowing
- Ignorance
- Untimeliness

Q3. The given sentences when properly sequenced form a coherent paragraph. Each sentence is labelled with a number. Choose the most logical order of sentences from among the four given choices to construct a coherent paragraph.
1. He was so busy with them that he did not get time to eat.
2. Thousands of people came to him and asked different types of questions.
3. No one cared to see that he had his food or rest that night.
4. Swami Vivekananda once stayed in a small village.

- 2341
- 3214
- 4213
- 4231

Q4. In the question a part of the sentence is italicized. Alternatives to the italicised part are given which may improve the sentence. Choose the correct alternative. In case no improvement is needed. Option 'D' is the answer. She *gave* most of her time to music.
- Spent
- Lent
- Devoted
- No Improvement

Q5. Read the sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any)

(A) The whole thing moves/ (B) around the concept of building a small dynamic/(C) organization into a larger one. / (D) No error.

- (A)
- (B)
- (C)
- (D)

Quantitative Ability

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The module is ideal to evaluate the numerical ability of an individual and is available in both technical and non-technical flavor. 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: 25 (for Engineering Graduates) / 16 (for MBA and General Graduates)
Module Duration: 35 min (for Engineering Graduates) / 16 min (for MBA and General Graduates)

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

Sample Questions:

Q1. Pipe A takes 16 min to fill a tank. Pipes B and C, whose cross-sectional circumferences are in the ratio 2:3, fill another tank twice as big as the first. If A has a cross-sectional circumference that is one-third of C, how long will it take for B and C to fill the second tank? (Assume the rate at which water flows through a unit cross-sectional area is same for all the three pipes.)

- 66/13
- 40/13
- 16/13
- 32/13

Q2. Which pair of rational numbers lie between 1/5 and 2/5 –

- 262/1000, 275/1000
- 362/1000, 562/1000
- 451/1000, 552/1000
- 121/1000, 131/1000

Q3. If x increases linearly, how will a^{-x} behave (a>1)?

- Increase linearly
- Decrease linearly
- Increase exponentially
- Decrease exponentially

Q4. If x% of a is the same as y% of b, then z% of b is :

- (xy/z)% of a
- (yz/x)% of a
- (xz/y)% of a
- None of the above

Q5. Three consecutive whole numbers are such that the square of the middle number is greater than the product of the other two by 1. Find the middle number.

- 6
- 18
- 12
- All of the above

Module: Logical Ability

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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

Sample Questions:

Q1. Find the missing pattern – BOQD : ERTG : ANPC : ?

- • DQSF
- • FSHU
- • SHFU
- • DSQF

Q2. If HARD is coded as 1357 and SOFT is coded as 2468, what will 21448 stand for?

- SHAFT
- SHORT
- SHOOT
- SHART

Q3. Raman is not wearing purple and Aman is not wearing black. Raman and Sahil wear different colors. Avinash alone wears green. What is Sahil's color, if all four of them are wearing different colors?

- Green
- Black
- Purple
- Can't say

Q4. The question is followed by two arguments numbered I and II. You have to decide which of the arguments is a strong argument and which is a weak argument.

Statement: Should a total ban be put on trapping wild animals?

Arguments:

1. Yes, Trappers are making a lot of money.
2. No, bans on hunting and trapping are not effective.

- Only argument I is strong
- Only argument II is strong
- Either I or II is strong
- Neither I nor II is strong
- Both I and II are strong

Q5. In the question a statement is followed by some courses of action. A course of action is a step or administrative decisions to be taken for improvement, follow-up, or further action in regard to the problem, policy, etc. You have to assume everything in the statement to be true and then decide which of the given suggested course(s) of action logically follows for pursuing.

Statement: 'The World Bank has approved a $ 300 million loan to finance a project to construct coal ports by Madras Port Trusts.

Courses of Action :
I.   India should take financial help from other international financial institutions to develop such ports in other places.
II.   II. India should not seek any help from the international financial institutions.

- Only I follows
- Only II follows
- Either I or II follows
- Neither I nor II follows
- Both I and II follow