

SYLLABUS Indian Airforce - Group Y

English

1. Passage:

A short passage followed by four questions to test comprehension (understanding of the passage, drawing inference, understanding of vocabulary).

2. Grammar I:

Verb concord, Forms of verbs and errors in the use of verbs, Sequence of tenses and errors in the use of tenses, Transformation of sentences – Compound, Complex, Simple, Negative, Affirmative, Comparative degree, Positive degree, Superlative degree etc.

3. Grammar II:

- a. Formation of words – Nouns from verbs and adjectives, Adjectives from nouns and verbs, Adverbs from adjectives
- b. Determiners
- c. The Preposition
- d. Nouns and Pronouns
- e. The Adjective
- f. The Adverb
- g. The Conjunction
- h. The Modals
- i. Clauses – Noun clauses, Adverb clauses of condition and time and Relative clauses

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4. Vocabulary

- a. Synonyms and Synonyms in context
- b. Antonyms and Antonyms in context
- c. One word substitution
- d. Spelling pitfalls
- e. Simple Idioms/phrases
- f. Words often confused/Selecting the correct word fitting in a sentence

5. Narration (Direct and Indirect)

- a. Commands and requests
- b. Statements (Various tenses)
- c. Questions (Various forms of questions, tenses, etc.)

6. Voice (Active and Passive)

- a. Changes required under each tense.
- b. Other conditions for transforming Active into Passive: The Preposition, Modal auxiliaries, Infinitive, Participles

7. Jumbled Sentences

Arrangement of jumbled sentences into meaningful ones.

Reasoning

A. Reasoning (Verbal and Non- Verbal)

1. Numerical series.
2. Distance and Direction sense Test.
3. Mathematical Operations
4. Number, Ranking & Time Sequence Test.

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5. Assign Artificial Values to Mathematical Digit.
6. Inserting Correct Mathematical sign.
7. Human relation.
8. Coding & Decoding
9. Odd man out.
10. Mutual relation problems.
11. Tallest, youngest relations.
12. Dictionary words.
13. Analogy.
14. Non- Verbal reasoning.
15. Number coding.
16. Number Puzzle.

B. Mathematics

1. Ratio and Proportion.
2. Average.
3. LCM & HCF.
4. Profit and Loss.
5. Time, Distance and Speed.
6. Percentage.
7. Simplifications of Numbers.
8. Fractions.
9. Area of triangle, Square and Rectangle.
10. Surface Area and volume of Cuboids, Cylinder, Cone and Sphere.
11. Probability.
12. Simple Trigonometry.

General Awareness

1. General Science (biology of human body, organic chemistry, etc.)
2. Civics (polity, constitution of India, etc.)
3. Geography (lakes, river, waterfalls, irrigation and agriculture, etc.)
4. Current Events (days, events etc.)
5. History (Indian freedom struggle, viceroys, governors, dance, music and fairs, etc.)
6. Basic Computer Operations (computer and mobile technology)



Confidence and Hard-work
is the best medicine to kill
the disease called failure.
It will make u a
successful person

MUPPADAI