

Sparsh Academy

A SMART way to SUCCESS

SSC, BANK

TET, UPP, Rly.

AIR FORCE, NDA, NAVY

FOR ADVANCE BATCH ONLY

NAME-.....

BATCH TIMING & ID-.....

English- Sunil K. Upadhyay
Math & Reasoning- Janardan Sir
G.S. & Hindi- Mukesh Sir
Science- Janardan Sir

PREMIER INFOTECH In front of DAVPG College, Azamgarh

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Visit- www.sparshfoundation.in

ADVANCE LEVEL – (SSC/ BANK/ AIR FORCE/ UPTET/ CTET/ Riyl./ NDA)

(100 DAYS' SPECIAL BATCH FOR ADVANCE STUDENTS)

1. **FUNDAMENTALS OF ENGLISH GRAMMAR**
2. **WORD POWER** – SYNONYMS/ANTONYMS/ ONE WORD SUBSTITUTION/ IDIOMS/PHRASAL VERBS/ MISPELT WORDS
3. **CLAUSES & SENTENCE** – ITS PARTS AND KINDS & PRACTICE SETS
4. **TENSE** – ITS KINDS/ IDENTIFICATION/TRANSLATION/ PRACTICE SETS
5. **QUESTION TAG** WITH RULES & PRACTICE SETS
6. **FINITE (Main & Auxiliary) & NON FINITE VERBS** (GERUND, INFINITIVE & PARTICIPLE)
7. SEQUENCE OF TENSES
8. CONDITIONAL SENTENCE
9. CAUSATIVE VERB
10. STATIVE & DYNAMIC VERB
11. **ACTIVE AND PASSIVE VOICE**- TOTAL SOLUTION & PRACTICE SETS
12. **DEGREES OF COMPARISON**- TOTAL SOLUTION & PRACTICE SETS
13. **ARTICLE** WITH PRACTICE SETS
14. **SPOTTING ERROR** - NOUN/ PRONOUN
15. **VERB (SUBJECT VERB AGREEMENT)**
16. ADJECTIVE/ ADVERB/
17. PREPOSITION/ CONJUNCTION
18. **NARRATION** – TOTAL SOLUTION & PRACTICE SETS
19. **USE OF SOME SPECIFIC WORDS**
20. SENTENCE IMPROVEMENT
21. RECONSTRUCTION OF WORDS AND SENTENCES (PQRS ARRANGEMENT)
22. **(10 + Practice Batch) – THE BEST METHOD TO GET SUCCESS**



Our Syllabus

BY – SUNIL KUMAR UPADHYAY

M.A., B. Ed. & Soft Skill Trainer

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SYLLABUS for Air Force (X & Y Group)

SYLLABUS: ENGLISH

I. A short passage followed by four questions to test comprehension.

The questions will be set :

1. To judge understanding of the passage.
2. To draw inference
3. To judge understanding of vocabulary

II. Grammar – 1

1. Subject – verb concord
2. Forms of verbs and errors in the use of verbs, etc.
3. Sequence of tenses and errors in the use of tenses
4. Transformation of sentences – Compound, Complex, Simple, Negative, Affirmative, Comparative degree, Positive degree, Superlative degree etc.
5. Voice- Active & Passive

III. Grammar – 2

1. Formation of words - Nouns from verbs and adjectives, Adjectives from nouns and verbs, Adverbs from adjectives etc
2. Determiners
3. The Preposition
4. Nouns and Pronouns
5. The Adjective
6. The Adverb
7. The Conjunction
8. The Modals
9. Clauses - Noun clauses, Adverb clauses of condition and time and Relative clauses

IV. Vocabulary

1. Synonyms and Synonyms in context
2. Antonyms and Antonyms in context
3. One word substitution
4. Spelling pitfalls
5. Simple Idioms/phrases
6. Words often confused/Selecting the correct word fitting in a sentence

SYLLABUS: MATHEMATICS

FOR GROUP 'X' (TECHNICAL TRADES)

- | | |
|--|--|
| 1. Sets, Relations and functions | 2. Trigonometric Functions |
| 3. Inverse Trigonometric Functions | 4. Complex Number and Quadratic Equations |
| 5. Linear Inequalities | 6. Mathematical Induction |
| 7. Permutations and Combinations | 8. Binomial Theorem |
| 9. Sequences and Series | 10. Cartesian system of rectangular co-ordinates |
| 11. Straight lines and family of lines | 12. Circles and family of circles |
| 13. Conic sections | 14. Three-dimensional Geometry |
| 15. Matrices and Determinants | 16. Limit and Continuity |
| 17. Differentiation | 18. Applications of Derivatives |
| 19. Indefinite integrals | 20. Definite Integrals |
| 21. Applications of the Integrals | 22. Differential Equations |
| 23. Mathematical Reasoning | 24. Linear Programming |
| 25. Vector | 26. Probability |
| 27. Statistics | |



SYLLABUS – PHYSICS

FOR GROUP 'X' (TECHNICAL TRADES)

- 1 Physical World and Measurement
- 2 Kinematics
- 3 Laws of Motion
- 4 Work, Energy and Power
- 5 Motion of System of Particles and Rigid Body.
- 6 Gravitation
- 7 Properties of Bulk Matter
- 8 Thermodynamics
- 9 Behaviour of Perfect Gases and Kinetic Theory of Gases.
- 10 Oscillations and Waves
- 11 Electrostatics
- 12 Current Electricity
- 13 Magnetic Effects of Current and Magnetism
- 14 Electromagnetic Induction and Alternating Current
- 15 Electro Magnetic Waves
- 16 Optics
- 17 Dual Nature of Matter and Radiation
- 18 Atoms and Nuclei
- 19 Electronic Devices
- 20 Communication Systems

दो साल में 20+ Selection Target Batch for March & September- 2021 Exam

NEW BATCH FROM
26 November, 2020

AIR FORCE Navy
(X & Y Group) (AA, SSR)

**SSC, TET, S.TET,
UPP, Rly.
SPARSH ACADEMY**

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SYLLABUS for Air Force (Y Group)

SYLLABUS RAGA

Reasoning (Verbal and Non- Verbal)

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



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 Knowledge and Current Affairs

1. General Science
2. Civics
3. Geography
4. Current Events
5. History
6. Basic Computer Operations