

VSSC Technical Assistant Exam Pattern

Sl.No	Subjects Name	Type of Examination
1	Basic English	Objective Type
2	General Knowledge	
3	Concerned Subjects(Electrical & Mechanical)	

VSSC Technical Assistant Syllabus-Topics Wise

English

1. Synonyms/ Homonyms
2. Grammar
3. Vocabulary
4. Idioms and phrases
5. Clauses
6. Spot the error
7. Verb
8. Antonyms
9. passage
10. Spellings
11. Verbal Comprehension passage
12. Detecting Mis-spelt words
13. Fill in the blanks
14. Clauses
15. Sentence structure
16. Adjectives
17. One word substitutions

General Knowledge

1. About India and it's neighboring countries
2. History of India
3. Scientific observations
4. National News (current)
5. Political Science
6. Economic issues in India
7. International issues
8. Indian Culture

9. Famous Places in India
10. New inventions
11. Books And Author
12. Geography of India
13. National and international current affairs
14. World organizations
15. Science and innovations
16. Countries and Capitals

Electrical Engineering

1. Circuit law
2. Basic concepts
3. Magnetic Circuit
4. AC Fundamentals
5. Basic Electronics
6. Transmission and Distribution
7. Utilization and Electrical Energy
8. Measurement and Measuring Instruments
9. Synchronous Machines
10. Electrical Machines
11. Fractional Kilowatt Motors
12. Single-phase Induction Motors
13. Estimation and Costing
14. Generation

Electronics and Communication Engineering

1. Basics of Circuits and Measurement Systems
2. Electrical and Electronic Measurements
3. Control Systems and Process Control
4. Analytical, Optical Instrumentation
5. Analog Electronics
6. Signals, Systems, and Communications
7. Transducers, Mechanical Measurement and Industrial Instrumentation
8. Digital Electronics

Mechanical

1. Heat Engines
2. Hydraulics
3. The strength of Materials
4. Thermodynamics
5. Fluid Mechanics
6. Automobile Engineering
7. Structural Engineering
8. Manufacturing Technology
9. Theory of Machines
10. Industrial Engineering & Management etc

Computer Science

1. Computer Networks
2. Databases
3. Computer Organization and Architecture
4. Theory of Computation
5. Information Systems and Software Engineering
6. Operating System
7. Web technologies
8. Compiler Design

Automobile

1. Heat Power Engineering
2. Body Building Engineering
3. Alternative Fuels and Energy Systems
4. Mechanical Testing and Quality Control
5. Automobile Engines
6. Tractor and Farm Equipment
7. Industrial Robotics
8. Automobile Maintenance
9. Manufacturing Technology
10. Aeronautics Engineering
11. Computer Integrated Manufacturing
12. Industrial Automation
13. Automobile Transmission
14. Industrial Management and Road Transport Organization.

15. Two and Three Wheeler Technology
16. The Strength of Materials

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