

AMD Syllabus || Atomic Minerals Directorate Driver, UDC, Scientific Assistant Exam Pattern

AMD Scientific Assistant Exam Pattern

Scientific Officer-C/ Scientific Assistant-B Posts	
No.	Selection Process
1.	Written Test
2.	Interview

AMD Technician B Exam Pattern

Stage-1: Preliminary Test

No.	Subjects	No. of Questions	Marks	Duration
1.	Mathematics	20	60	1 hour
2.	Science	20	60	
3.	General Awareness	10	30	

Stage-2: Advanced Test

1.	Relevant discipline	50	150	2 hours
----	---------------------	----	-----	---------

AMD Stenographer Grade III Exam Pattern

Level-1: Written Test

No.	Subjects	Exam Type
1.	General English	Objective Type
2.	General Knowledge	
3.	General Intelligence & Reasoning	
4.	Quantitative Aptitude (Arithmetic)	

Level-2: Skill Test

1.	Stenography Skill Test	80 wpm English Shorthand & 30 wpm English Typing
----	------------------------	--

AMD UDC Exam Pattern

Level-1: Written Test		
No.	Subjects	Exam Type
1.	General English	Objective Type
2.	General Knowledge	
3.	General Intelligence & Reasoning	
4.	Quantitative Aptitude (Arithmetic)	
Level-2: Written Test		
1.	English language and Comprehension	Descriptive Type

AMD Driver (Ordinary Grade) Exam Pattern

Level-1: Written Test		
No.	Subjects	Exam Type
1.	General Knowledge	Objective Type
2.	General English	
3.	Arithmetic	
4.	Motor Vehicle Act	
Level-2: Skill Test		
1.	Driving Test	Qualifying nature

AMD Exam Syllabus: Post Wise

General English

- Antonyms
- Vocabulary
- Fill in the blanks
- Subject-Verb Agreement
- Comprehension of unseen passage
- Spelling correction
- Sentence Structure
- Grammar
- Synonyms
- Error spotting
- Idioms & Phrases
- Replacement of phrases

General Knowledge

- Geography of India
- Knowledge of current events
- Science & Technology
- History of India
- Indian Constitution
- Culture
- Abbreviations
- Awards, Nobel Prizes, and Honors
- Sports & Games
- General Polity
- Indian Economy
- Famous personalities
- Important days and years
- Computer knowledge
- Famous places and specialty

General Intelligence & Reasoning

- Non Verbal series
- Logical reasoning
- Coding & Decoding
- Analogies
- Similarities & Differences
- Data Sufficiency
- Seating Arrangement
- Order and Ranking
- Problem Solving
- Critical Thinking
- Puzzles
- Decision Making
- Syllogism
- Arithmetic Number Series
- Venn Diagrams
- Clock & Calendar
- Relationship concepts
- Statement & Assumptions
- Statement & Argument
- Visual memory
- Discriminating observation
- Statement & Conclusion

Quantitative Aptitude (Arithmetic)

- Time & Distance

- Time & Work
- Integers
- LCM & HCF
- Simplification
- Addition
- Division
- Exponents
- Average
- Ratio & Proportion
- Subtraction
- Multiplication
- Percentage
- Decimals & Fractions
- Use of Table & Graphs
- Mensuration
- Factorization
- Trigonometry
- Computation of Whole numbers
- Profit & Loss, Discount
- Square & Cube roots
- Algebra
- Simple & Compound Interest

AMD Technician B Exam Syllabus: Topic Wise

Mathematics

- Simplification
- Time & Work
- Time & Distance
- Percentage
- Average
- Ratio & Proportion
- Integrals
- Trigonometry
- Arithmetical Problems
- Logarithm
- Probability
- Matrices
- Mensuration
- Statistics
- Quadratic Equations
- Square & Cube Roots
- Relationship between numbers
- Simple & Compound Interest
- Computation of whole numbers

- Decimals & Fractions
- Profit, Loss, Discount

Science

- Scientific facts and inventions
- Physiology and human diseases
- Science in day to day life
- Nutrition and Health
- Computer science
- Media & Communication
- Environmental science
- Physics, Chemistry, Botany, Zoology
- Physical World and measurement
- Metals & Non Metals
- Work, Energy and Power

General Awareness

- Environmental issues
- Abbreviations
- Sports & Games
- Famous personalities
- India and its neighboring countries
- History & Geography of India
- Important days and years
- Current affairs of national & international importance
- Indian Constitution & Polity
- Economic scene
- Awards, Nobel Prizes and Honors
- Scientific Research
- Famous places in India

Advanced Test Syllabus:

Electrical

- Laws of Resistance
- Effects of Electric current
- DC Generator & Motor
- Transformer
- Work, Power, Energy, Power factor
- Magnetism, Alternating current & poly phase system
- Basic Electronics
- Safety handling of tools & equipment
- Wiring systems and types

- Ohm's law, Kirchhoff's law
- Fire fighting
- Electrical Measuring Instruments

Diesel Mechanic

- Fasteners, Cutting tools
- Limits, Fits & Tolerances
- Systems of measurement
- Fuel Supply System in Petrol & Diesel Engine
- Engine Lubrication & Cooling system, etc
- Drilling machine
- Importance & scope of Mechanic Diesel Trade
- Safety precautions & first aid
- Hand & Power Tools
- Taps and Dies
- Non-destructive Testing Methods
- Auto Industry – History, leading manufacturers
- Basic electricity & electronics
- Welding and Heat Treatment Welding processes