

## **View MES Pune Assistant Teacher Exam Pattern For Exam**

<b>Name of the Subject</b>	<b>Number of Questions</b>	<b>No of Marks</b>
Child Development & Pedagogy	30	30
Language I (Hindi)	30	30
Language II (English)	30	30
Maths	30	30
Environment Studies	30	30
<b>Total</b>	<b>150 Questions</b>	<b>150 Marks</b>

## **MES Pune Assistant Teacher Syllabus- Topic Wise**

### **Geography**

- Geography of India.
- Climatology.
- Oceanography.
- Geomorphology.
- Statistical Methods.
- Settlement Geography.
- Biogeography.
- Map making.
- Remote Sensing.
- Geographic Thought.
- Economic Geography.
- Population Geography.

**[Prepare Online Mock Test Here](#)**

### **Commerce**

- Research Methodology and Quantitative Techniques
- Management Information Systems
- Advanced Cost Accounting
- Security Analysis and Portfolios Management
- Management Principles and Techniques
- Taxation Laws – Direct & Indirect
- Financial Accounting
- Recent Trends in Commerce

## **Practise GK Mock Test Questions**

### **Physics**

- Nuclear and Particle Physics.
- Quantum Theory and its Applications.
- Electromagnetic Theory.
- Classical Mechanics and Relativity.
- Atomic and Molecular Physics.
- Experimental Physics.
- Mathematical Methods.
- Thermodynamics and Statistical Mechanics.
- Electronics.
- Condensed Matter Physics.

## **Practise Current Affairs Mock Test Questions**

### **Mathematics**

- Solutions of triangle
- Family of lines
- Mathematical logic
- Boolean Algebra
- Conic sections
- Differential equation
- Probability
- Function, limit, and continuity
- Differentiation
- Applications of derivatives
- Indefinite integrals
- Statistics
- Cartesian system of rectangular coordinates
- Inverse trigonometric functions
- Matrices and determinants
- Mathematical induction
- Straight line
- Trigonometric functions
- Complex numbers
- Quadratic equations and linear in equations
- Sequences and series
- Definite integrals
- Sets relations and functions
- Circles and family of circles
- Permutations and combinations
- Binomial Theorems
- Exponential and logarithm series

## **Practise Aptitude Mock Test Questions**

### **English**

- Transformation
- Antonyms
- Fill in the blanks
- Passage Completion
- Prepositions
- Sentence Improvement
- Para Completion
- Sentence Arrangement
- Idioms and Phrases
- Sentence Completion
- Active and Passive Voice
- Spelling Test
- Error Correction (Phrase in Bold)
- Error Correction (Underlined Part)
- Substitution
- Synonyms
- Spotting Errors
- Joining Sentences

## **Practise English Mock Test Questions**

### **Chemistry**

- Acids and Bases.
- Quantum Chemistry.
- Analytical Chemistry.
- Organic Synthesis.
- Structure and Bonding.
- Nuclear Chemistry.
- Chemical Kinetics.
- Chemistry of Transition Elements
- Photochemistry.
- Redox Reactions.
- Inorganic reaction mechanism.
- Bio-inorganic Chemistry.
- Analytical techniques.
- Thermodynamics.
- Electrochemistry

## **Practice Reasoning Mock Test Questions**

### **Biology**

- Bryophytes.
- Plant Physiology.
- Biochemistry.
- Anatomy.
- Algae, Fungi.
- Gymnosperm.
- Morphology of Angiosperm.
- Plant Diseases.
- Plant Succession.
- Environmental Pollution.
- Cell Biology.
- Embryology of angiosperms.
- Plant growth and growth hormones.
- Ecology.
- Viruses.
- Bacteria.
- Pteridophyte.

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