

## WBPS Motor Vehicle Inspector Exam Pattern 2018

Parts	Subjects	Maximum Marks
Part I	Mechanical Engineering Automobile Engineering	300 Marks
Part II	General Studies Aptitude and Mental Ability	200 Marks
<b>Time Duration</b>		5 Hours

## WBPS Motor Vehicle Inspector Over All Syllabus

S.No	Type of Questions in the exam	Name of the Subject
1.	Objective type questions	Numerical Ability
2.		English Language
3.		Reasoning
4.		Vehicle Maintenance
5.		Mechanical Engineering
6.		Automobile Engineering

## WBPS MVI Exam Pattern 2018 (Paper Wise)

Exam Type	Papers	Subjects Name	Paper wise Questions	Total Questions	Duration
Objective Type	Paper I	Mechanical Engineering Subject	100	200	3 Hrs
		Automobile Engineer Subject	100		
	Paper II	General Studies	75	100	2 Hrs
		Aptitude and Mental Ability	25		

## WBPS Motor Vehicle Inspector Syllabus 2018:

### Numerical Ability

- Number System
- Profit and Loss
- Percentages
- Ratio and Proportion
- Pipes and Cisterns
- C.F. and L.C.M

- Data Interpretation
- Mixture and Allegation
- Time and Distance
- Clocks and Calendars
- Simple & Compound Interest
- Time and Work
- Problems on Trains
- Problems on Ages
- Boats and Streams
- Discounts

### **Reasoning**

- Problem Solving.
- Number Series.
- Decision Making.
- Statements & Arguments.
- Statements & Conclusions.
- Seating Arrangements.
- Data Interpretation.
- Problems on Cubes.
- Blood Relations.
- Statements & Assumptions.
- Coding & Decoding.

### **General English:**

- Fill in the Blanks.
- Subject-Verb Agreement.
- Shuffling of sentence parts.
- Error Correction.

### **General Ability**

- Spatial Orientation.
- Problem Solving.
- Visual Memory.
- Arithmetic Number Series.
- Decision Making.
- Coding and Decoding.
- Space Visualization.
- Non-Verbal Series.
- Statement Conclusion

### **WBPS MVI Technical Syllabus:**

#### **Mechanical:**

- Engineering Mechanics.
- Energy conservation.

- Production Planning and Control.
- Computer Integrated Manufacturing Design.
- The Strength of Materials.
- Management Information System.
- Machining and Machine Tool Operations.
- Metal Casting.
- Inventory Control.
- Engineering Materials.
- Industry Safety.
- Inventory Control.

### **Vehicle maintenance**

- Vehicle maintenance
- First Aid
- motor vehicle laws
- Fire hazard
- pollution standards
- road safety rules

### **Automobile Engineering:**

- The Strength of Materials.
- Automobile Engines.
- Automobile Transmission.
- Two and Three Wheeler Technology.
- Tractor and Farm Equipment.
- Mechanical Testing and Quality Control.
- Industrial Automation.
- Automobile Maintenance.
- Aeronautics Engineering.
- Heat Power Engineering.
- Alternate Fuels and Energy Systems.
- Body Building Engineering.
- Industrial Management and Road Transport Organization.
- Computer Integrated Manufacturing
- Manufacturing Technology.
- Industrial Robotics.

### **Mental Ability & Aptitude**

- Discount Problems.
- Reasoning.
- Visual Reasoning.
- Simple & Compound Interest.
- HCF and LCM.
- Loss and Profits.
- Percentages.
- Area & Volume.
- Speed, Time, and Distance.

- Number Series.
- Logical Reasoning.
- Visual Memory.
- Simplification.
- Number Series.
- Communication and Information Technology.

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