



Government of Jammu and Kashmir
J&K Services Selection Board Srinagar
(www.jkssb.nic.in)

Sub: **Syllabus for the posts of Motor Vehicle Inspector (Divisional Cadre)**
advertised vide Adv.No.07 of 2008 dated:31.05.2008

Unit-I

General English

- (I) English & communication skills.
- (II) Basics of information Technology
- (III) Industrial Management and Entrepreneurship Development.

Unit-II

Applied Science

- (I) Applied Physics.
- (II) Applied Chemistry.
- (III) Applied Mathematics.

Unit-III

Basic Courses in Engineering/Technology

- (I) Applied Mechanics.
- (II) Engineering Drawing.
- (III) Elements of Mechanical Engineering.
- (IV) Fundamentals of Thermal Engineering .
- (V) Hydraulic and Hydaraulic Mechanics.

Unit-IV

Applied Courses in Engineering/Technology

- (I) Auto Engineering Drawing.
- (II) Auto Engine.
- (III) Automotive Materials.
- (IV) Chasis, Body and Transmission.
- (V) MVA and Transport Management.
- (VI) Automotive Emission Control.
- (VII) Applied thermodynamics.
- (VIII) CADD.
- (IX) Theory of machines.
- (X) CNC machines.
- (XI) Metrology and quality control.
- (XII) Maintenance.

Unit-V

Mechanical Engineering

- (I) Transmission of Power.
- (II) Internal combustion Engines.
- (III) Refrigeration and Air Conditioning Systems.
- (IV) Hydraulics.

Unit-VI

Electrical Engineering

- (I) Basic Quantities of Electricity.
- (II) Application and Advantages of Electricity.
- (III) Various types of Power Plants
- (IV) Transmission and Distribution System.
- (V) Supply from the Poles to the Distribution Board.
- (VI) Domestic Installation.
- (VII) Electric Motors and Pumps.

Unit-VI

Electrical Engineering

- (I) Fundamental Dynamics.
- (II) Engineering Graphics & Computer Modelling.
- (III) Mechanics of Materials-II.
- (IV) Theory of Machines-I & II.
- (V) Applied Thermodynamics--I & II.
- (VI) Theory of Machines--I & II.
- (VII) Hydraulic Machinery.
- (VIII) Fundamentals of Tribology.
- (IX) Linear Optimization in Engineering.
- (X) Measurement and Instrumentation.

**Secretary
Services Selection Board
Srinagar**