



**Government of Jammu and Kashmir
Services Selection Board.
Zum Zum Building, Rambagh, Srinagar.
(www.jkssb.nic.in)**

**Marks:150
Time:-2:30 hours**

**Syllabus for Written test (Objective Type) for the post of
Motor Vehicle Inspector.**

Unit-I GENERAL ENGLISH **30 Marks**

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

Unit-II APPLIED SCIENCE **20 Marks**

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

Unit-III BASIC COURSES IN ENGINEERING/TECHNOLOGY **20 Marks**

- (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 **40 Marks**

- (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

20 Marks

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

Unit-VII ELECTRICAL ENGINEERING

20 Marks

- (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) Measurement and Instrumentation.

(S. A. Raina),KAS
Secretary,
J&K Services Selection Board,
Srinagar.