

# Syllabus of the competitive examination to be conducted through the Commission for appointment to the post of Specialist Medical Officers (Pathology) under Bihar Health Services.

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Name of Post	- Specialist Medical Officer (Pathology)
Type of Examination	- Objective Type (Computer Based Test)
Time Duration	- 02:00 Hours
Number of Questions	- 100
Total Marks	- 400 Marks
Marks for Each Right Answer	- 04 Marks
Negative Marks for Each Wrong Answer	- 01 Mark

Question will be asked under following syllabus :

## **1. General Pathology :**

- Normal cell and tissue structure and function.
- The changes in cellular structure and function in disease.
- Causes of disease and its pathogenesis.
- Reaction of cells, tissues, organ systems and the body as a whole to various sublethal and lethal injuries.

## **2. Systemic Pathology:**

The study of normal structure and function of various organ systems and the aetiopathogenesis, gross and microscopic alterations of structure of these organ systems in disease and functional correlation with clinical features.

## **3. Haematology**

The study of Haematology includes all aspects of the diseases of the blood and how marrow. This would involve the study of the normal, and the causes of disorders and the changes thereon

- Labatory Medicine (Clinical Biochemistry/Clinical Pathology including
- Transfusion Medicine (Blood Banking)

- c. The student is expected to acquire a general acquaintance of techniques and principles and to interpret data in the following fields.
- i. Immunopathology
  - ii. Electron microscopy
  - iii. Histochemistry
  - iv. Immunohistochemistry
  - v. Cytogenetics
  - vi. Molecular Biology
  - vii. Maintenance of records
  - viii. Information retrieval, use of Computer and Internet in medicine
  - ix. Quality control waste disposal

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