



RAN-3782

M.D. (Pathology) Examination

July - 2020

Pathology

Basic Medical Sciences As Applied to Pathology : Paper - I (Set - II)

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दृष्टाविले निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.D. (Pathology)

Name of the Subject :

Pathology Basic Medical Sciences As Applied to Pathology : Paper - I (Set - II)

Subject Code No.: 3 7 8 2

- 1) Fill up strictly the details signs on your answer book.
- 2) All questions are compulsory.
- 3) Write legibly.
- 4) Figures to the right indicate full marks.

Q.1. What is Cytokines? Describe their role in health and diseases. (25)

Q.2. Discuss role of MHC complex in immunity. (25)

Q.3. Discuss the Biomedical waste Management? (25)

Q.4. Write short note on. (13+12)

- 1) Graft versus host diseases.
- 2) DNA finger printing.



RAN-3783

M.D. Pathology Examination

July - 2020

Pathology

Systemic Pathology and Cytology : Paper - II (Set - I)

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दृष्टविले निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.D. Pathology

Name of the Subject :

Pathology Systemic Pathology and Cytology : Paper - II (Set - I)

Subject Code No.: **3 7 8 3**

Seat No.:

0 0 1 1 0 5

N. S. Shrivastava
Student's Signature

- 1) Fill up strictly the details signs on your answer book.
- 2) All questions are compulsory.
- 3) Write legibly.
- 4) Figures to the right indicate full marks.

Q.1. Differentiated diagnosis of pigmented skin lesions. (25)

Q.2. Discuss WHO classification of Lung cancer and discuss Adenocarcinoma of lung, new concept? (25)

Q.3. Aetiopathogenesis, Morphology, Grading and staging of Chronic Hepatitis? (25)

Q.4. Write short note on. (13+12)

- 1) Role of H. Pylori in gastrointestinal disorders
- 2) Non-infectious Vasculitis



RAN-3784

M.D. (Pathology) Examination

July - 2020

Pathology

**Haematology, Clinical Pathology, Clinical Biochemistry and
Transfusion Medicine : Paper - III (Set - III)**

Time: 3 Hours |

| Total Marks: 100

सूचना : / Instructions

नीचे दृष्टविले निशानीवाणी विगतो उत्तरवली पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.D. (Pathology)

Name of the Subject :

**Pathology Haematology, Clinical Pathology, Clinical Biochemistry
and Transfusion Medicine : Paper - III (Set - III)**

Subject Code No.: **3 7 8 4**

Seat No.:

0 0 1 1 0 5

N.S. Sharma

Student's Signature

- 1) Fill up strictly the details signs on your answer book.
- 2) All questions are compulsory.
- 3) Write legibly.
- 4) Figures to the right indicate full marks

Q.1. Enumerate different causes of Disseminated intravascular coagulation. (25)
Describe laboratory Investigation of a case of DIC.

Q.2. Discuss rational use of Blood components and its Quality control. (25)

Q.3. Newer WHO Classification of acute myeloid Leukemia. (25)

Q.4. Write short note on. (13+12)

- 1) Approach to diagnosis of PUO
- 2) Obesity and metabolism



RAN-3785

M.D. (Pathology) Examination

July - 2020

Pathology

Recent Advances in Pathology Medicine : Paper - IV (SET: III)

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

नीचे दृष्टविले निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M.D. (Pathology)

Name of the Subject :

Pathology Recent Advances in Pathology Medicine : Paper - IV (SET: III)

Subject Code No.: **3 7 8 5**

Seat No.:

0 0 1 1 0 5

M.S. Sharma

Student's Signature

- 1) Fill up strictly the details signs on your answer book.
- 2) All questions are compulsory.
- 3) Write legibly.
- 4) Figures to the right indicate full marks

Q.1. Flow Cytometry in non-malignant hematologic disorders. **(25)**

Q.2. Recent advances in urothelial malignancies. **(25)**

Q.3. Application of Tissue microarray in Pathology. **(25)**

Q.4. Write short note on. **(13+12)**

1. Post-mortem Computed tomography and its applications in autopsies.
2. The battle of Cancer is to be won by targeted therapy. Explain in Details.