

RAN - 2006000102010001

RAN-2006000102010001

Second Year M. B. B. S. Examination

February - 2021

Pathology: Paper - I

Time: 2 Hours]

[Total Marks: 40

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Second Year M. B. B. S.

Name of the Subject :

Pathology: Paper - I

Subject Code No.: 2006000102010001

Seat No.:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Student's Signature

2. Figures on right indicates full marks.
3. Draw illustrative diagrams wherever necessary.
4. Write legibly.

SECTION-I

1. **Answer to the point (Any 5 out of 6) (05)**
 - a) Use of Frozen section.
 - b) Enumerate labile cells.
 - c) Enumerate two cellular adaptations with example.
 - d) Define infarction.
 - e) Draw two pathological giant cells.
 - f) Write two names of DNA oncogenic viruses.

RAN-2006000102010001]

[1]

[P.T.O.]

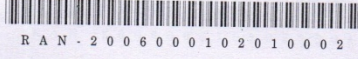
P4755

2. **Answer in Short: (Any 3 out of 4)** (15)
- a) Paraneoplastic syndrome.
 - b) Define necrosis. Describe types of necrosis with their morphology.
 - c) Growth factors in repair.
 - d) Pathogenesis of septic shock.

SECTION-II

3. **Answer in short: (Any 2 out of 3)** (10)
- a) Mismatched blood transfusion Reactions.
 - b) Define autoimmunity and classification of autoimmune diseases.
 - c) Pathological calcification.

4. **Answer in short: (Any 2 out of 3)** (10)
- a) Fine needle aspiration cytology.
 - b) Difference between kwashiorkor and marasmus.
 - c) Microscopic findings of semen analysis.



RAN - 2006000102010002

RAN-2006000102010002

Second Year M.B.B.S. Examination

February - 2021

Pathology: Paper II

Time: 2 Hours]

[Total Marks: 40

સૂચના : / Instructions

(૧)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:
☛ **Second Year M.B.B.S.**

Name of the Subject :
☛ **Pathology: Paper II**

Subject Code No.: **2006000102010002**

Seat No.:

Student's Signature

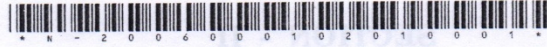
- (2) Figures on the right indicates full Marks
(3) Draw illustrated diagrams wherever necessary.

SECTION-I

1. **Answer to the point: (Any 5 out of 6)** (05)
- Peripheral blood smear findings in Iron deficiency anaemia
 - Enumerate various pneumoconiosis
 - Draw an illustrated diagram of microscopic features of Fatty Liver
 - Enlist Four conditions where reticulocyte count increases.
 - What is Intussusception ?
 - Four causes of nephrotic syndrome
2. **Answer in short: (Any 3 out of 4)** (15)
- Describe autopsy findings in a case died of AIDS .
 - Fallot's Tetralogy.
 - Laboratory Findings in Megaloblastic Anemia.
 - Renal changes in Diabetes mellitus

SECTION-II

3. **Answer in short: (Any 2 out of 3)** (10)
- a) Liver Function test
 - b) Discuss the etiopathogenesis of carcinoma lung
 - c) Describe the aetio-pathogenesis, Gross and microscopy of chronic pyelonephritis.
4. **Answer in short: (Any 2 out of 3)** (10)
- a) Describe distinguishing features of Crohn's Disease and Ulcerative Colitis.
 - b) Discuss the etiopathogenesis and pathology of carcinoma breast.
 - c) Multiple myeloma.



N-2006000102010001

Second Year M. B. B. S. Examination

June / July - 2021

Pathology : Paper - I

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

नीचे दशांशवैल निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book. Name of the Examination : Second Year M. B. B. S. Name of the Subject : Pathology : Paper - I Subject Code No. : 2 0 0 6 0 0 0 1 0 2 0 1 0 0 0 1	Seat No. : [] [] [] [] [] [] [] Student's Signature
--	--

- (2) Figures on the right indicates full marks.
(3) Draw illustrated diagrams wherever necessary.
(4) Write legibly.

SECTION - I

- 1 Answer to the point (Any 5 out of 6) 5
(a) Define atrophy and give two example of it.
(b) Draw illustrated diagram of microscopic features of tuberculous granuloma.
(c) Name two special stains used in Histo pathology with its uses.
(d) Enumerate pre-transfusion test.
(e) Normal value of S. urea & S. Creatinine.
(f) Four causes of Xanthochromia.
- 2 Answer in Short: (Any 3 out of 4) 15
(a) Cell derived chemical mediators of acute inflammation.
(b) Define Neoplasia. Difference between benign and malignant tumours.
(c) Define edema. Write pathophysiology of edema.
(d) Difference between necrosis & apoptosis.

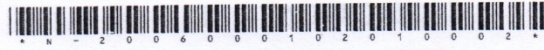
N-2006000102010001]

1

[Contd...

SECTION - II

- 3 Answer in short: (Any 2 out of 3) **10**
- (a) Exfoliative cytology.
 - (b) Pathological calcification.
 - (c) Define Amyloidosis. Describe structure and types of amyloid Proteins.
- 4 Answer in short: (Any 2 out of 3) **10**
- (a) Blood component therapy.
 - (b) Difference between transudate and exudate.
 - (c) What is aneuploidy? Describe Trisomy with one example.



N-2006000102010002

Second Year M. B. B. S. Examination

June / July - 2021

Pathology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

नीचे दर्शावेक निम्नलिखित विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
Second Year M. B. B. S.	<input type="text"/>
Name of the Subject :	<input type="text"/>
Pathology : Paper - II	<input type="text"/>
Subject Code No. :	Section No: (1, 2,.....) : 1&2
2 0 0 6 0 0 0 1 0 2 0 1 0 0 0 2	Student's Signature

- (2) Figures on the right indicates full marks.
(3) Draw illustrated diagrams wherever necessary.

SECTION - I

- 1 Answer to the point : (Any 5 out of 6) 5
- Define atelectasis.
 - Name four haemoglobinopathies.
 - Draw an illustrated diagram of Reed - Sternberg cell.
 - What is Volvulus ?
 - Enlist causes of End-Stage Kidney.
 - Name Germ cell tumours of the ovary.
- 2 Answer in short : (Any 3 out of 4) 15
- Describe autopsy findings in a case died of Chronic Myeloid Leukemia.
 - Discuss pathogenesis and morphology of rheumatic heart disease.
 - Enumerate the stages in the evolution of lobar pneumonia. List the complications.
 - Classify Cirrhosis of Liver. Discuss Alcoholic Cirrhosis.

N-2006000102010002]

1

[Contd...

SECTION - II

- 3 Answer in short : (Any 2 out of 3) 10
- (a) Discuss Classification and pathogenesis of Rapidly progressive glomerulonephritis.
 - (b) Describe Sickle cell anaemia.
 - (c) Barrette's Oesophagus.
- 4 Answer in short : (Any 2 out of 3) 10
- (a) Enumerate the risk factors of atherosclerosis and discuss the role of endothelial injury in its pathogenesis.
 - (b) Giant Cell Tumour of Bone.
 - (c) Prothombine Time.

SECTION - I

- 1 Answer in short : (Any 5 out of 6)
- (a) Define steatorrhea.
 - (b) Name four haemochromatosis.
 - (c) Draw an illustrated diagram of Reed - Sternberg cell.
 - (d) What is Volvulus ?
 - (e) List causes of End-stage Kidney.
 - (f) Name Germ cell tumours of the ovary.
- 2 Answer in short : (Any 3 out of 4)
- (a) Describe autopsy findings in a case died of Chronic Myeloid Leukemia.
 - (b) Discuss pathogenesis and morphology of rheumatic heart disease.
 - (c) Enumerate the stages in the evolution of lobar pneumonia. List the complications.
 - (d) Classify Cirrhosis of liver. Discuss Alcoholic Cirrhosis.