



M-4007

Second M. B. B. S. Examination

June / July - 2015

Pathology : Paper - I

Central Library  
SMIMER Surat.

Time : Hours]

[Total Marks : 40

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
SECOND M. B. B. S.	<input type="text"/>
Name of the Subject :	<input type="text"/>
PATHOLOGY : PAPER - I	<input type="text"/>
Subject Code No. : 4 0 0 7	Section No. (1, 2,.....) : 1&2
Student's Signature	

(2) Figures to the right indicates marks.

(3) Draw diagrams where necessary.

SECTION - I

1 Answer to the point : (Any 5 out of 6) (2 marks each) 10

- Screening Tests in a Blood Donor.
- Point Mutation.
- Enlist types of Embolism.
- Premalignant Lesions.
- Urine preservatives.
- Frozen section.

2 Answer in short : (Any 2 out of 3) (5 marks each) 10

- Urinary findings in Diabetes Ketoacidosis.
- Brown Induration of Lung.
- Blood Transfusion Reactions.

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[Contd...

**SECTION - II**

- 3 Answer in short : (Any 2 out of 3) (5 marks each) 10**
- (a) Kline Felter's Syndrome.
  - (b) Cardiac enzymes.
  - (c) Morphological changes in chronic inflammation.
- 4 Answer in short : (Any 2 out of 3) (5 marks each) 10**
- (a) Factors affecting wound healing.
  - (b) Spread of Tumours.
  - (c) Pathological Hypertrophy.



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Name of the Examination :  
SECOND M. B. B. S.

Name of the Subject :  
PATHOLOGY : PAPER - II

Subject Code No. : 4 0 0 8 Section No. (1, 2,.....) : 1&2

Seat No. :

Student's Signature

(2) Figures to the right indicates marks.

(3) Draw diagrams where necessary.

SECTION - I

- 1 Answer to the point (Any 5 out of 6) (2 marks each) 10
- Poikilocytes
  - Enlist Germ Cell Tumors of Testis
  - Classification of Hodgkin's Lymphoma
  - Red Cell Distribution Width
  - Define and list Primary cardiomyopathies
  - Clotting Time
- 2 Answer in short (Any 2 out of 3) ( 5 marks each) 10
- Krukenberg Tumor
  - Bone marrow findings in Megaloblastic anemia
  - Tuberculous ulcer

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[Contd...

SECTION - II

- 3 Answer in short (Any 2 out of 3) (5 marks each) 10
- (a) Describe Autopsy findings of Liver and GIT in a case died of Alcoholic Cirrhosis.
  - (b) Morphological Changes in Diabetic Kidney
  - (c) Aetiopathogenesis of Pneumonia
- 4 Answer in short (Any 2 out of 3) (5 marks each) 10
- (a) Pathogenesis of Thalassemia
  - (b) Gross and microscopic features of Giant cell tumour of Bone
  - (c) Dissecting Aneurysm.



M-4007-N

Second M. B. B. S. Examination

December - 2015

Pathology : Paper - I

Central Library  
SMIMER Surat.

Time : 2 Hours]

[Total Marks : 40

**Instructions :**

(1)

નીચે દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. : □ □ □ □ □ □ □ □
Name of the Examination : SECOND M. B. B. S.	Student's Signature
Name of the Subject : PATHOLOGY : PAPER - 1	
Subject Code No. : 4 0 0 7 Section No. (1, 2,.....) : 1&2	

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

**SECTION - I**

1. Answer to the point (Any 5 out of 6) (2marks each) 10
- Enumerate four granulomatous diseases.
  - What are stable cells? Give two examples.
  - Draw diagrams of two urinary crystals.
  - Paradoxical embolism.
  - Significance of Telomere.
  - Significance of C-reactive protein.
2. Answer in short (Any 2 out of 3) (5 marks each) 10
- Differences between Transudate & Exudate.
  - Principle & Indications of Direct Coombs test.
  - Define Metaplasia. Describe it with one example.

**SECTION -II**

3. Answer in short (Any 2 out of 3) (5 marks each) 10
- a. What is Aneuploidy? Describe Trisomy with one example.
  - b. Classify Amyloidosis. Mention its specific staining characteristics.
  - c. Endogenous pigments.
4. Answer in short (Any 2 out of 3) (5 marks each) 10
- a. Describe Phagocytosis in Acute inflammation.
  - b. DNA oncogenic viruses.
  - c. Differences between Necrosis & Apoptosis.





**M-4008-N**  
**Second M. B. B. S. Examination**  
**December - 2015**  
**Pathology : Paper - II**

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Time : 2 Hours]

[Total Marks : 40

**Instructions :**

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Name of the Examination :

SECOND M. B. B. S.

Name of the Subject :

PATHOLOGY : PAPER - 2

Subject Code No. : 4 0 0 8

Section No. (1, 2,.....) : 1&2

Seat No. :

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Student's Signature

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

**SECTION - I**

1. Answer to the point (Any 5 out of 6) (2marks each) 10
  - a. Draw an illustrative diagram of Aschoff nodule.
  - b. Krukenberg tumor.
  - c. Enumerate lab findings in Nephrotic syndrome.
  - d. Name four diseases associated with H.pyori.
  - e. Four conditions of prolonged Prothrombin time.
  - f. Enumerate components of Fallot's Tetralogy.
  
2. Answer in short (Any 2 out of 3) (5 marks each) 10
  - a. Pathogenesis & Lab diagnosis of Sickle cell anaemia.
  - b. Peripheral smear findings in Chronic Myeloid leukemia.
  - c. Benign Prostatic Hyperplasia.

## SECTION -II

3. Answer in short (Any 2 out of 3) (5 marks each) 10
- a. Autopsy findings in case died of Myocardial infarction.
  - b. Etiopathogenesis of Peptic ulcer.
  - c. Etiopathogenesis of Cirrhosis.
4. Answer in short (Any 2 out of 3) (5 marks each) 10
- a. Morphology of Diabetic nephropathy.
  - b. Etiopathogenesis & complications of Lobar Pneumonia.
  - c. Etiopathogenesis & Lab findings of Acute Post-streptococcal Glomerulonephritis.
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