



R-3710

Second Year M. B. B. S. Examination

June / July - 2018

Pathology : Paper - I



Time : 2 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. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Examination : S. Y. M. B. B. S.	Student's Signature
Name of the Subject : PATHOLOGY : PAPER - 1	
Subject Code No. : 3 7 1 0 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) 5
- Bombay Blood Group
 - Write any two histochemical special stains and their uses.
 - Write any two tumour markers with associated tumours.
 - list two endogenous pigments with associated conditions.
 - N K Cell
 - Reciprocal Translocation
- 2 Answer in short : (Any 3 out of 4) 15
- Definition and causes of inflammation. Write vascular events of acute inflammation.
 - Klinefelter's Syndrome
 - Write etiology, routes of transmission and Opportunistic infections seen in AIDS.
 - What is infarction? Write types of infarcts with morphology.

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[Contd.....

SECTION - II

- 3 Answer in short : (Any 2 out of 3) 10**
- (a) Tumour markers
 - (b) Morphology and evaluation of tubercle.
 - (c) Frozen section
- 4 Answer in short : (Any 2 out of 3) 10**
- (a) Microscopic examination of urine.
 - (b) Name various blood group systems. Write clinical significance of Rh blood group system.
 - (c) Eosinophilia.





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Name of the Examination : S. Y. M. B. B. S.	Student's Signature
Name of the Subject : PATHOLOGY : PAPER - 2	
Subject Code No. : 3 7 1 1 Section No. (1, 2,.....) : 1&2	

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SECTION - I

- 1 Answer to the point (Any 5 out of 6) 5
- Causes of macronodular cirrhosis.
 - Name two hereditary hemoglobin abnormalities commonly seen in Gujarat.
 - What is nephrotic syndrome? Write any two systemic diseases that cause it.
 - Barrett's Oesophagus
 - Krukenberg Tumour
 - Value of blood indices in Iron Deficiency Anemia.
- 2 Answer in short (Any 3 out of 4) 15
- Classic Haemophilia
 - Classification of pneumonia and write in short about Primary atypical pneumonias.

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[Contd.....

- (C) Write types of hepatitis. Write serological markers of hepatitis B infection.
(D) Ulcerative Colitis

SECTION - II

- 3 Answer in short (Any 2 out of 3) 10
(a) Lab diagnosis of diabetes mellitus and morphology of diabetic kidney
(b) Classification of aneurysms. Write in detail about atherosclerotic aneurysm.
(c) Acute myeloid leukemia
- 4 Answer in short (Any 2 out of 3) 10
(A) Immune thrombocytopenia (ITP)
(B) Colloid Goiter
(C) Wilm's Tumour





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Second Year M. B. B. S. Examination

November / December - 2018

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Name of the Examination :	<input type="text"/>
← S. Y. M. B. B. S.	<input type="text"/>
Name of the Subject :	<input type="text"/>
← PATHOLOGY : PAPER - 1	<input type="text"/>
← Subject Code No. : 3 7 1 0	← Section No. (1, 2,.....) 1&2
	Student's Signature

2. Figures on the right indicate full marks
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SECTION - I

1. Answer to the point : (Any 5 out of 6) 5
 - a) Define metaplasia and give two examples of epithelial metaplasia.
 - b) What is Autophagy ?
 - c) Draw illustrated diagram of microscopic features of tuberculous Granuloma.
 - d) Enlist four neoplastic conditions associated with AIDS .
 - e) Write two complications of wound healing .
 - f) Name two special stains used in histopathology with its uses.
2. Answer in short : (Any 3 out of 4) 15
 - a) Define neoplasia. Discuss Laboratory diagnosis of cancer .
 - b) Down's syndrome
 - c) Define and classify Infarct. Describe morphology of different types of infarct.
 - d) Cell derived chemical mediators of acute inflammation

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[Contd.....

SECTION - II

3. **Answer in short : (Any 2 out of 3)** 10
- a) Define Neoplasia. Write about various routes of metastasis and their molecular mechanism.
 - b) Endogenous pigments.
 - c) Exfoliative cytology.
4. **Answer in short : (Any 2 out of 3)** 10
- a) Differences between exudate and transudate .
 - b) Proteinuria.
 - c) Blood components and their uses.





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Name of the Examination : S. Y. M. B. B. S.	Student's Signature
Name of the Subject : PATHOLOGY : PAPER - 2	
Subject Code No. : 3 7 1 1 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) 5
 - a) Normal Values of PT and APTT .
 - b) Name two occupational lung diseases.
 - c) Write any two differences between peptic ulcer and duodenal ulcer.
 - d) Enumerate etiological factors of essential hypertension.
 - e) Write two indications of liver biopsy.
 - f) Name four germ cell tumours of testis. .
2. Answer in short : (Any 3 out of 4) 15
 - a) Autopsy findings in a case died of Myocardial Infarction.
 - b) Give classification of primary bone tumours. Describe giant cell tumour of bone
 - c) Discuss clinical features and laboratory diagnosis of β - thalassemia.
 - d) Discribe ulcero inflammatory lesions of intestine. Describe any one in detail.

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[Contd.....

SECTION - II

- 3. Answer in short : (Any 2 out of 3)** **10**
- a) Nutmeg liver.
 - b) Laboratory diagnosis of Hemolytic Anemia.
 - c) Bronchiectasis.
- 4. Answer in short : (Any 2 out of 3)** **10**
- a) Dermoid cyst .
 - b) Aneurysm..
 - c) Rapidly progressive Glomerulonephritis.

