



ER-4007
Second Year M. B. B. S. Examination
January - 2017
Pathology : Paper - I

Time : 2 Hours]

[Total Marks : 40

Instructions : (1)

નીચે દર્શાવેલ સિગ્નલોનું વિગતો ઉત્તરવદી પર અવશ્ય લખવી.
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. : 4 0 0 7 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 five out of six) (one mark each) 5
- (a) Name one Clearing agent used in histopathology.
Explain its function.
- (b) Enumerate two angiogenesis factors.
- (c) Give the value of Fixed specific gravity of urine. Mention one such disease condition.
- (d) Give four examples of Immune-complex mediated diseases.
- (e) Mention four conditions where ESR has clinical significance.
- (f) Skip metastasis.

- 2 Answer in short : (any three out of four) (five marks each) 15
- (a) CSF findings in Pyogenic Meningitis
 - (b) Complications of wound healing
 - (c) Principle and indications of Direct Coombs test
 - (d) Pathogenesis of Renal Edema.

SECTION-II

- 3 Answer in short : (any two out of three) (five marks each) 10
- (a) Chemical carcinogens.
 - (b) Morphology of Sago spleen and Lardaceous spleen.
 - (c) Role of platelets in thrombogenesis.
- 4 Answer in short : (any two out of three) (five marks each) 10
- (a) Describe granulation tissue formation in process of Repair.
 - (b) Mechanism of generation of Oxygen derived free radicals.
 - (c) Describe various types of Necrosis with illustrated diagrams.
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ER-4008
Second Year M. B. B. S. Examination
January - 2017
Pathology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવધી પર અવશ્ય લખવી.
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 - 2

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

Seat No. :

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) (1 mark each) **5**
- (a) Significance of Leucocyte Alkaline Phosphate (LAP) score.
(b) Four causes of Thrombocytopenia.
(c) Enlist complications of Myocardial infarction occurring within first 72 hours of injury.
(d) Two causes of contracted kidney.
(e) Enumerate types of Emphysema.
(f) Draw an illustrated diagram of Reed-sternberg cell.
- 2 Answer in short : (any 3 out of 4) (5 marks each) **15**
- (a) Describe FAB classification of Acute Myeloid Leukemia. Mention the cytochemical stains to differentiate from Acute lymphocytic leukemia.
(b) Describe peripheral smear and bone marrow findings in Megaloblastic anaemia.
(c) Classify and describe the types of Teratoma.
(d) Neurilemmoma.

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B-4007
Second Year M. B. B. S. Examination
June / July - 2017
Pathology : Paper - I

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Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

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- (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) Enumerate two tissue fixatives used in Histopathology.
 - (b) Significance of HCG levels.
 - (c) Bence-jones proteins.
 - (d) Give two examples of Red infarct.
 - (e) Enumerate four Autosomal recessive disorders.
 - (f) What is Alimentary glycosuria ?
- 2 Answer in short : (any 3 out of 4) 15
- (a) Pathogenesis of Decompression sickness (Caissons Disease).
 - (b) Preparation and preservation of various Blood Components.
 - (c) Karyotyping.
 - (d) Clinical significance of Semen examination.

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[Contd...

SECTION - II

- 3 Answer in short : (any 2 out of 3) 10
- (a) Differences between Primary and Secondary Union of wounds.
 - (b) Describe chronic granulomatous inflammation with characteristics of TB granuloma. Enlist other principal granulomatous conditions.
 - (c) Describe various types of Amyloid proteins.
- 4 Answer in short : (any 2 out of 3) 10
- (a) Describe Cell-derived Chemical mediators of Acute inflammation.
 - (b) Describe molecular basis of Metastatic cascade.
 - (c) Differences between Dystrophic and Metastatic calcification.



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Second M. B. B. S. Examination

June / July - 2017

Pathology : Paper - II

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Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

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Name of the Examination : Second M. B. B. S.	Student's Signature
Name of the Subject : Pathology : Paper - II	
Subject Code No. : 4 0 0 8 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) (1 marks each) 5
- Enumerate four causes of basophilic stippling.
 - Enlist four complications of Lobar pneumonia.
 - Enumerate four ulcerative lesions of intestine.
 - Berry's Aneurysm.
 - Mention two absolute indications of bone marrow aspiration.
 - Auer rods.
- 2 Answer in short : (any 3 out of 4) (5 marks each) 15
- Lab investigations in Coagulation disorders.
 - Pathogenesis and Lab diagnosis of Sickle cell anaemia.
 - Fibroadenoma.
 - Squamous cell carcinoma.

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[Contd...

SECTION - II

- 3 Answer in short : (any 2 out of 3) (5 marks each) 10
- (a) Autopsy findings in a case died of Malignant Hypertension.
 - (b) Describe the morphology of vegetations in major forms of Endocarditis with illustrated diagrams.
 - (c) Etiopathogenesis of Rapidly Progressive Glomerulonephritis.
- 4 Answer in short : (any 2 out of 3) (5 marks each) 10
- (a) Describe the gross and microscopic features of Gastric carcinoma.
 - (b) Etiopathogenesis and morphological features of Bronchiectasis.
 - (c) Hodgkins disease.



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BA-3710

Second Year M. B. B. S. Examination

November/December - 2017

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.

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

Name of the Subject :
PATHOLOGY : PAPER - 1

Subject Code No. : 3 7 1 0 Section No. (1, 2,.....): 1&2

Seat No. :

Student's Signature

- (2) Figures to 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) Write abnormal colour of the urine with their associated disorders.
- (b) Write any four pre-neoplastic conditions.
- (c) Write any four opportunistic infections in HIV patients.
- (d) List any four autosomal dominant disorders.
- (e) Who is known as father of cellular pathology" ?
Write any one of his contributions other than cellular pathology.
- (f) Normal values of Reticulocyte count and its indications.

BA-3710]

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[Contd....

- 2 Answer in short : (any 3 out of 4) 15
- (a) Granulomatous inflammation
 - (b) Define thrombosis. Write its pathophysiology and fate of thrombus.
 - (c) Mechanism of spread of tumors.
 - (d) Bronchiectasis.

SECTION - II

- 3 Answer in short : (any 2 out of 3) 10
- (a) Write normal picture of CSF. Write CSF picture in Tuberculous Meningitis
 - (b) Turner's Syndrome
 - (c) Define Repair. Write mechanism and complications of wound healing.
- 4 Answer in short : (any 2 out of 3) 10
- (a) What is proteinuria ? Write causes of proteinuria.
 - (b) What is poikilocytosis ? Write various poikilocytoses seen in peripheral smear.
 - (c) Write about blood transfusion reactions.



II - 2017082

BA-3711

Second Year M. B. B. S. Examination

November/December - 2017

Pathology : Paper - II

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Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

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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 - 2

Subject Code No. : 3 7 1 1 Section No. (1, 2,.....) : 1&2

Seat No. :

Student's Signature

- (2) Figures to 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) Reed-Sternberg Cell.
(b) Modifiable risk factors for atherosclerosis.
(c) Enumerate two metabolic diseases leading to cirrhosis of liver.
(d) List causes of small contracted kidneys.
(e) Causes of monocytosis.
(f) Causes of pleural effusion.
- 2 Answer in short : (any 3 out of 4) 15
- (a) Etiopathogenesis and lab investigations of iron deficiency anemia
(b) Bronchiectasis
(c) CML (Chronic Myeloid Leukemia)
(d) Polycystic Kidney Disease.

BA-3711]

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[Contd....

SECTION - II

- 3 Answer in short : (any 2 out of 3) 10
- (a) Classification of jaundice. Write laboratory findings in pre-hepatic jaundice.
 - (b) Etiopathogenesis of peptic ulcer.
 - (c) Autopsy finding in a case died of Mitral Stenosis.
- 4 Answer in short : (any 2 out of 3) 10
- (a) Giant cell tumour of bone
 - (b) Gross and microscopic features of Seminoma
 - (c) Renal changes in hypertension.