

# RAN-3710

## Second Year M.B.B.S. Examination

December / January - 2019 / 2020

### PATHOLOGY: PAPER -1

Time: 2 Hours ]

[ Total Marks: 40

#### સૂચના : / Instructions

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 -1

Subject Code No.: 3 7 1 0

Seat No.:

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Student's Signature

#### Instruction:

1. Figures to the right indicate full marks.
2. Draw illustrated diagrams wherever necessary.
3. Write legibly

#### SECTION -1

1. Answer to the point (Any 5 out of 6) (05)

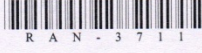
- a. Name one Clearing agent used in histopathology. Explain its function.
- b. Bombay blood group
- c. Name two crystals found in acidic urine.
- d. Define Azoospermia
- e. What is Alimentary glycosuria?
- f. Give two examples of endogenous pigments.

2. **Answer in short (Any 3 out of 4)** (15)
- Describe the vascular events in Acute inflammation.
  - Differences between Primary & Secondary Union of wounds.
  - Differences between Necrosis & Apoptosis.
  - Embolism.

**SECTION -II**

3. **Answer in short (Any 2 out of 3)** (10)
- Karyotyping
  - Describe various types of Amyloid proteins.
  - Advantages of FNAC.

4. **Answer in short (Any 2 out of 3)** (10)
- Differences between Transudate & Exudate.
  - Describe the fate of thrombus and distinguishing features between Arterial and Venous Thrombi.
  - Describe the morphology of Chronic venous congestion in Lung & Liver.



**RAN-3711**

**Second Year M.B.B.S. Examination**

**December / January - 2019 / 2020**

**PATHOLOGY: PAPER - II**

**Time: 2 Hours ]**

**[ Total Marks: 40**

**સૂચના : / Instructions**

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.: 3 7 1 1

Seat No.:

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Student's Signature

**Instruction:**

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**SECTION -1**

**1. Answer to the point (Any 5 out of 6)**

**(05)**

- a. Enumerate Thyroid function tests.
- b. Alpha fetoprotein
- c. Normal value of reticulocyte count.
- d. Enumerate four benign tumours of breast.
- e. Normal value of PT and APTT.
- f. Four causes of Basophilia.

**RAN-3711 ]**

**[ 1 ]**

**[ P.T.O. ]**

2. **Answer in short (Any 3 out of 4)** (15)

- a. Autopsy Findings in a case died of pneumonia.
- b. Pathogenesis of glomerular injury.
- c. Define and classify cirrhosis of liver. Describe primary biliary cirrhosis.
- d. Inflammatory bowel disease.

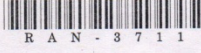
**SECTION -II**

3. **Answer in short (Any 2 out of 3)** (10)

- a. Classification of germ cell tumour of testis. Describe seminoma of testis.
- b. Etiopathogenesis and laboratory diagnosis of megaloblastic anaemia.
- c. Etiopathogenesis and complications of infective endocarditis.

4. **Answer in short (Any 2 out of 3)** (10)

- a. Aneurysm.
- b. Etiopathogenesis and laboratory investigation of sickle cell anaemia.
- c. Bronchogenic carcinoma of lung.



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**Second Year M.B.B.S. Examination**

**March / April - 2019**

**Pathology : Paper - II**

**Time: 2 Hours ]**

**[ Total Marks: 40**

**સૂચના : / Instructions**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
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Name of the Examination:

Second Year M.B.B.S.

Name of the Subject :

Pathology : Paper - II

Subject Code No.: 3 7 1 1

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 )**

**5**

- Give four causes of eosinophilia.
- Causes of small contracted kidney.
- Write complications of peptic ulcer.
- Laboratory findings of megaloblastic anemia.
- Give four names of primary carcinoma of thyroid gland..
- Write four modifiable risk factors of atherosclerosis.

2. Answer in short: (Any 3 out of 4 )

15

- a) Complications of myocardial infarction.
- b) Autopsy findings in a case died of chronic myeloid leukemia ( CML).
- c) Post streptococcal glomerulonephritis.
- d) Bronchial asthma.

SECTION-II

3. Answer in short: (Any 2 out of 3 )

10

- a) Linitis plastica.
- b) Giant cell tumour of bone.
- c) Define and classify Jaundice. Describe Laboratory diagnosis of jaundice.

4. Answer in short:( Any 2 out of 3 )

10

- a) Aschoff nodule.
- b) FAB classification of AML.
- c) Enumerate causes and morphology of four ulcerative lesions of large intestine.