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RAN-3710

Second Year M.B.B.S. Examination

March / April - 2019

Pathology : Paper - I

Time: 2 Hours]

[Total Marks: 40

સૂચના : / Instructions

(1)

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

Name of the Examination:

Name of the Subject :

Subject Code No.:

Seat No.:

Student's Signature

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

SECTION - 1

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

5

- What are the fixatives used for tissue in electron microscopy ?
- Give two examples of liquefactive necrosis .
- Draw illustrated diagram of microscopic features of Granulation tissue.
- What is teratoma ?
- What is meant by terms Sago spleen and Lardaceous spleen ?
- Define Embolism.



2. **Answer in short: (Any 3 out of 4)** **15**
- a) Define Repair. Describe healing by second intention .
 - b) Describe microscopic findings in urine examination .
 - c) Define metastasis . Discuss the mechanism of metastasis.
 - d) Define hypersensitivity reactions. Describe immune complex mediated hypersensitivity reactions.

SECTION - II

- 3 **Answer in short: (Any 2 out of 3)** **10**
- a) Pathologic calcification.
 - b) Define inflammation. Describe cellular events in acute inflammation.
 - c) Stem cells .
4. **Answer in short: (Any 2 out of 3)** **10**
- a) Define Shock . Discuss septic shock.
 - b) Coombs' test
 - c) Discuss differences between Necrosis and Apoptosis.

