

[LM 374]

MAY 2018

Sub. Code: 2473

**M.D.S DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

**BRANCH VI – ORAL PATHOLOGY AND MICROBIOLOGY**

**PAPER III – LABORATORY TECHNIQUES AND DIAGNOSIS**

*Q.P. Code : 242473*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Describe the mechanisms and principles of fixatives. Write in detail about types of fixation.
2. Describe the principle and types of polymerase chain reaction.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Rossman's solution.
2. Scanning Electron Microscopy (SEM).
3. Von Kossa silver method.
4. Hematoxylin and Eosin stain.
5. Decalcification methods.
6. Epitope retrieval in Immunohistochemistry.
7. Safety in the laboratory.

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