

Sl.No: M22524a

Course Code: 1460203

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University), SALEM**

M.D.S. DEGREE EXAMINATION – May 2020

**Branch – III – ORAL PATHOLOGY AND MICROBIOLOGY AND
FORENSIC ODONTOLOGY**

Paper - III – LABORATORY TECHNIQUES AND DIAGNOSIS

Time: Three hours

Maximum: 100 marks

Answer **ALL** the questions

LONG ESSAY: (2 x 20 = 40)

1. Explain principle of Gram staining. Describe in detail the reagents and staining procedure.
2. Enumerate the routine hematological tests and highlight two clinical significance of each test.

SHORT ESSAY: (6 x 10 = 60)

3. Micrometry
4. Fixatives
5. Polymerase chain reaction
6. Microscopic objectives
7. Papanicolaou stain
8. Adhesives.
