

[LP 396]

OCTOBER 2019

Sub. Code: 2484

**M.D.S DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)

**BRANCH IX – ORAL MEDICINE AND RADIOLOGY**

**PAPER II – DIAGNOSIS, DIAGNOSTIC METHODS AND  
IMAGEOLOGY AND APPLIED ORAL PATHOLOGY**

*Q.P. Code : 242484*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Discuss the physics of ultra sonography. Add a note on its application in the diagnosis of oral and maxillofacial pathology.
2. Discuss functional magnetic resonance imaging and its applications in dentistry.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Acute radiation syndrome.
2. Differential diagnosis of developmental disorders of gingiva.
3. Tube rating and tube cycle of an x-ray machine.
4. Plasmapheresis and its indications.
5. Artifacts in cone beam computed tomography.
6. Positron emission tomography.
7. Bite mark analysis.

\*\*\*\*\*