

**M.D.S. ORAL MEDICINE & RADIOLOGY : WINTER - 2017**  
**SUBJECT : PAPER – I : APPLIED ANATOMY, PHYSIOLOGY,**  
**PATHOLOGY AND PHARMACOLOGY**

Day : Wednesday  
Date : 01/11/2017

Time : 09.00 AM TO 12.00 NOON  
Max. Marks : 75

**W-2017-3533**

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**N. B. :**

- 1) Answer all the questions.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
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**Long Essay Questions:**

**(2 × 20 = 40 Marks)**

- Q. 1** Describe the course, distribution and applied anatomy of facial nerve.
- Q. 2** Discuss the mechanism of action of parathyroid hormone and its role in Calcium homeostasis.

**Short Essay Questions:**

**(5 × 7 = 35 Marks)**

- Q. 3** Define pain and describe pathways of pain in oro-facial region.
- Q. 4** Explain the concept of balanced diet and its role in maintaining the integrity of oral mucosa.
- Q. 5** Discuss the use of immunofluorescence as a diagnostic test in oral mucosal diseases.
- Q. 6** Briefly explain the steps of research involved in the introduction of a new drug for clinical use.
- Q. 7** Classify antiviral drugs. Add a note on its applications in oro-facial region.

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