

M.D.S. Oral Medicine & Radiology : WINTER - 2018
SUBJECT: PAPER-I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND
PHARMACOLOGY

Day : Saturday
Date : 01/12/2018

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

W-2018-3791

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
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Long Essay Questions:

(2 x 20 = 40 Marks)

- Q.1** Describe the development of mandible and write in detail about its neurovascular supply.
- Q.2** Explain the process of carcinogenesis and metastasis. Write a note on grading and staging of oral cancer. Mention about various investigations that assist in the diagnosis of oral cancer.

Short Essay Questions:

(5 x 7 = 35 Marks)

- Q.3** Describe the age related changes of maxillary sinus.
- Q.4** Explain the pathogenesis of auto-immune diseases. Name the laboratory methods that assist in their diagnosis.
- Q.5** Describe the physiology of taste sensation. Name various gustatory disorders.
- Q.6** Describe synergism and antagonism in the use of antimicrobial drugs.
- Q.7** Briefly explain the steps of research involved in the introduction of new drug for clinical use.

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