

**M.D.S. Oral Medicine & Radiology : SUMMER - 2019**  
**SUBJECT: PAPER –I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND**  
**PHARMACOLOGY**

Day: Saturday  
Date: 01/06/2019

**S-2019-4080**

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

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**N.B.:**

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

**(2 × 20 = 40 Marks)**

- Q.1** Describe the functional components and testing of the 5<sup>th</sup>, 7<sup>th</sup>, 9<sup>th</sup> and 12<sup>th</sup> cranial nerves. Explain the anatomical basis of clinical features of facial nerve palsy.
- Q.2** Define and classify shock. Write in detail the patho-physiology, signs, symptoms and management of anaphylactic shock.

**Short Essay Questions:**

**(5 × 7 = 35 Marks)**

- Q.3** Discuss the role of various anti-fungal drugs used in oro- facial infections.
- Q.4** Define pain. Explain the patho-physiology of pain.
- Q.5** Explain the physiology of taste sensation. List various gustatory disorders.
- Q.6** Describe various sampling techniques. Add a note on estimation of sample size.
- Q.7** Describe the structure and function of periodontal ligaments.

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