

M.D.S. PART- I (2018 COURSE) PERIODONTOLOGY : SUMMER – 2019
SUBJECT : APPLIED BASIC SCIENCES : APPLIED ANATOMY, PHYSIOLOGY AND
BIOCHEMISTRY, PATHOLOGY, MICROBIOLOGY, PHARMACOLOGY,
RESEARCH METHODOLOGY AND BIOSTATISTICS

Day : Friday
Date : 28/06/2019

S-2019-4088-A

Time : 09.00 AM TO 12.00 NOON
Max. Marks : 100

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
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| Q.1 | Describe the cellular components of Periodontal ligament tissue. | (10) |
| Q.2 | What are the factors involved in blood clotting? Add a note on Hemophilia. | (10) |
| Q.3 | Describe the defence mechanism of gingiva. | (10) |
| Q.4 | Define the terms sterilization and disinfection. Describe different physical agents used. Mention the principle of autoclaving. | (10) |
| Q.5 | Write a note on Iron deficiency anemia. | (10) |
| Q.6 | Write about 'Hepatitis B infection' in detail. | (10) |
| Q.7 | Give the contents of Local Anaesthetics (LA) and discuss the role of vasoconstrictors in LA. | (10) |
| Q.8 | Describe use of antibiotics in Periodontal therapy. | (10) |
| Q.9 | Write a note on 'Measures of central tendency.' | (10) |
| Q.10 | Describe the observational study designs in detail. | (10) |

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