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(Printed Pages 2)

(20515)

Roll No.

M.D.S. III Year

5339

M.D.S. Examination, May 2015

PERIODONTICS & ORAL

IMPLANTOLOGY

Paper - I

Applied Anatomy, Physiology, Biochemistry & Pathology Pharmacology

(Code No. 305)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt all questions.

1. Describe the relationship between endocrinal hormones and bone metabolism. Discuss the role of steroid hormones in inflammatory periodontal conditions. 25

P.T.O.

- | | | |
|----|---|----|
| 2. | Name the nuclei of trigeminal nerve. Describe in detail the maxillary division of trigeminal nerve. | 25 |
| 3. | (a) Discuss Pain pathway | 13 |
| | (b) Acquired immunity | 12 |

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(Printed Pages 2)

(20515)

Roll No.

M.D.S. III

5340

M.D.S. Examination, May 2015

PERIODONTOLOGY

Paper - II

Etiopathogenesis

(Code No. 306)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt **all** questions. Draw diagrams where necessary.

1. Discuss in detail the Role of Cytokines in periodontal disease. 20
2. Explain microbial shift and periodontitis 20
3. Discuss any **five** of following : 5×7=35
 - (a) Reactive oxygen species and periodontal disease.

P.T.O.

- (b) Herpeviruses in human periodontal disease
- (c) Role of stress on periodontal disease and vice-versa
- (d) Significance of proper root shape in view of periodontal disease
- (e) Critically evaluate role of vitamic C in periodontal health
- (f) Risk markers of periodontal disease.

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Roll No.

M.D.S.III Year

5341

M.D.S. Examination, May 2015

Periodontics & Oral Implantology

Paper-III

**Clinical Periodontology & Oral
Implantology**

(Code No. 307)

Time: Three Hours]

[Maximum Marks : 75

Note : Attempt **all** questions.

1. Describe resective surgery in detail. 25
2. Describe peri implant Anatomy, Biology and function. 25
3. Write short notes on :
(a) Platelet-Derived growth factors. 5

P.T.O.

- (b) Restorative Inter-relationships. 5
- (c) Tissue engineering in Periodontal Therapy. 5
- (d) Laser in Periodontal therapy. 5
- (e) Class-II furcation involvement. 5

M.D.S. - III Year

5342

M.D.S. Examination, May 2015

Periodontics & Oral Implantology

Paper-IV

Essay

(MDS - 308)

Time: Three Hours]

[Maximum Marks : 75

Note : Write an essay on any **one** of the following :

1. Discuss the molecular aspects of periodontal wound healing.

OR

Discuss the advances in regenerative technologies for periodontal tissue repair.

P.T.O.

2

2