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Roll No.

B.D.S.-II-Prof.

B138(A)N

B.D.S. Supply Examination, July 2011
General Pathology and Microbiology

BDS - 04(N)

Time : Three Hours] [Maximum Marks : 70

Note : Attempt all questions. Use separate copy for Part-

A & Part-B. Draw diagrams wherever necessary.

PART - A

(General Pathology)

1. Define and classify necrosis. Describe each type in brief with labelled diagrams.

7

P.T.O.

2. Define shock and describe pathogenesis of septic shock.

7

3. Differentiate between : (4×3=12)

- (a) Metastatic and dystrophic calcification
- (b) Hypertrophy and Hyperplasia
- (c) Arterial and Venous thrombus

4. Write briefly on (any three) (3×3=9)

- (a) Diabetic Nephropathy
- (b) Factors affecting wound healing
- (c) Leukemoid reaction
- (d) Tubercular granulema

PART - B

(Microbiology)

1. Classify Mycobacteria. Discuss laboratory diagnosis of pulmonary tuberculosis.

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OR

Define and classify Hypersensitivity reactions. Describe in detail about type I Hypersensitivity.

2. Comment briefly on (Any two) (5×2=10)

- 1. Vaccine
- 2. Cell culture techniques for viral growth
- 3. Enzyme Linked Immunosorbent Assay
- 3. Write short notes on (any three) 4×3=12

- 1. Bacterial growth curve
- 2. Dental cavities
- 3. Hydatid Cyst
- 4. Autoclave

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Roll No. 6090041

B.D.S. II Prof.

5140 (N)

B.D.S. Examination, Dec. 2011
Dental Material

BDS - 06 (N)

Time: Three Hours

[Maximum Marks : 70]

Note : Attempt all the questions. Use separate Answer

Book for Part-A and B.

Part - A

1. Write in detail about following : 2x8=16

(A) What are Gypsum Products? Give types,

properties and effects of water powder ratio on

setting.

(B) Give the composition and setting reaction of Zinc

P.T.O.

Oxide Eugenol impression paste.

2. Write briefly on the following : $2 \times 5 = 10$

(a) Classify the denture base materials. What are the stages of polymerization of heat cure resin.

(b) Acid Etching for Composit Resin.

3. Write short notes on : $3 \times 3 = 9$

(i) Bioglass

(ii) Creep

(iii) Plasticizers

Part - B

1. Write in detail about the following : $2 \times 8 = 16$

(A) Define the term "Investment Materials" explain their ideal requirement.

(B) What are Flux and Antiflux.

2. Write briefly on the following : $2 \times 5 = 10$

(A) Describe the different type of waxes used in dentistry.

(B) Direct Filling Gold.

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3. Write short notes on :

(i) Tarnish & Corrosion

(ii) Annealing

(iii) Lowfusing Porcelain.

$3 \times 3 = 9$

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