**B.D.S.[2nd Year]**

# BF/2015/11

#### General Pathology & Microbiology

**[New Scheme w.e.f. 2007 admission]**

**Time : 3 Hours Max Marks. : 70**

*Note Attempt all questions.*

 **USE SEPARATE ANSWER SHEET FOR EACH SECTION.**

 **SECTION A**

 **(GENERAL PATHOLOGY)** [35]

**Note : Draw well labelled diagrams and flow charts where needed**.

1. Define and Classify Anaemia. Discuss the Laboratory Diagnosis, Blood & Bone Marrow findings in Iron Deficiency Anaemia. [15]

2. **Write Short Notes on** : [4x5=20]

 (a) Apoptosis.

 (b) Healing by Secondary Intention.

 (c) FAB Classification of Acute Leukemia.

 (d) Primary Tuberculosis.

 (e) Osteomyelitis.

 **SECTION B**

 **(MICROBIOLOGY**) [35]

1. Name various agents of Viral Hepatitis. Discuss the Laboratory Diagnosis and Prophylaxis of Hepatitis B Infection. [15]

2. **Write Short Notes on :** [4x5=20]

 (a) Hot Air Oven.

 (b) Agglutination Reaction.

 (c) Candidiasis.

 (d) Actinomycosis.

 (e) Enterobiasis.

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**B.D.S.[2nd Year]**

# BF/2015/11

#### General & Dental Pharmacology

**[New Scheme w.e.f. 2007 admission]**

**Time : 3 Hours Max Marks. : 70**

*Note : Attempt all questions.*

**USE SEPARATE ANSWER SHEET FOR EACH PART.**

**PART A**

1. Enumerate commonly used NSAIDS. Write the mode of action, uses & adverse effects of Aspirin. Why aspirin is not a good choice as analgesic for a dentist. [15]

2. **Write Short Notes on** : [4x5=20]

 (a) Merits & demerits of oral route of drug administration.

 (b) Nitrous Oxide

 (c) Adrenaline.

 (d) Rationality of combining adrenaline to lignocaine.

 (e) Angiotensin receptor antagonists.

 **PART B**

1. Enumerate broad spectrum penicillins. Write the mode of action, uses & adverse effects of Amoxycillin. [15]

2. **Write Short Notes on :** [4x5=20]

 (a) Haemostatic Agents.

 (b) Domperidone.

 (c) Drug treatment of anaphylactic shock.

 (d) Anti caries agents.

 (e) Vitamin D.

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**B.D.S.[2nd Year]**

# BF/2015/11

#### Dental Materials

**[New Scheme w.e.f. 2007 admission]**

**Time : 3 Hours Max Marks. : 70**

*Note : Attempt all questions.*

**USE SEPARATE ANSWER SHEET FOR EACH PART.**

**PART A**

1. Classify Impression Materials. Differentiate the Reversible and Irreversible Hydrocolloid Impression Materials.

 [15]

2. **Write Short Notes on** : [4x5=20]

 (a) Trituration.

 (b) Cavity Liners.

 (c) Sprue.

 (d) Stages of Annealing.

 (e) Curing Cycle.

 **PART B**

1. Classify Dental Cements. Write in detail about the composition, setting reaction, properties and uses of Glass Ionomer Cements. [15]

2. **Write Short Notes on :** [4x5=20]

(a) Classification of Dental Ceramics.

 (b) Dental Implant Materials.

 (c) Hybrid Composite Resins.

 (d) Blue Inlay Wax.

 (e) Die Materials.

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