

Enrolment No.

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BDS

2nd Year Examination

General Pathology & Microbiology

Time : 3 Hours]

[Max. Marks : 70

NOTE: The question paper is divided into two sections A and B. Attempt all questions as per instructions. Draw diagram wherever necessary. Attempt section A and B in separate answer sheets. Attempt all parts of a question in ONE PLACE.

Section A (General Pathology)

M.M.: 35

1. Define Anaemia. Write its classification and the approach to a case of megaloblastic anaemia. (2+3+4=9)
2. Write short notes on: (4 x 4 = 16)
 - a. Define neoplasia and write various routes of metastasis
 - b. Tabulate differences between healing by primary and secondary intention
 - c. Warthin tumour
 - d. Apoptosis
3. Answer briefly: (1x 10 =10)
 - a. Enumerate components of Virchow triad
 - b. Translocation seen in CML is _____
 - c. Range of HbA1c in pre-diabetic is _____
 - d. Enumerate four cardinal signs of inflammation
 - e. Enumerate four major risk factors of hypertension
 - f. Define metaplasia
 - g. Name two special stains for amyloid.
 - h Define Embolism
 - i. Enumerate any two malignant tumours of the bone
 - j. Hemophilia is caused by deficiency of _____

[P.T.O.]

Section B (General Microbiology)

M.M.: 35

1. Describe morphological classification of fungi. Write down the clinical presentation and laboratory diagnosis of oral candidiasis. **[10]**
2. Write short notes on- **[5x4=20]**
- (a) Koch's Postulates
 - (b) Type I Hypersensitivity reaction
 - (c) Pasteurization
 - (d) Lab diagnosis of Malaria
 - (e) Laboratory diagnosis of Hepatitis B
3. Write the differences between **[2x2.5=5]**
- (a) Gram positive and Gram negative cell wall
 - (b) Sterilization and Disinfection
