

(2129)
BDS II Prof.

Roll No. 698132

5138(A)

B. D. S. Examination, 2009

Paper-I

General Pathology & Microbiology

(BDS-04)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt all questions. Use separate copy for Part I and Part II. Draw related diagrams, flow charts and tables.

Part I

[Marks :25

1. Define Anaemia and give its classification. Describe the laboratory findings in case of Megaloblastic anaemia.
2. Write in brief about :
 - (a) Differences between Tuberculoid and Lepromatous leprosy.
 - (b) Factors effecting wound healing.

(2)

3. Draw labelled diagrams of :

- (a) TB granuloma
- (b) Mechanism of Type I hypersensitivity.

Part II

[Marks :25]

1. Enumerate normal flora of oral cavity. Describe the pathogenesis of dental caries.
2. Define sterilization and disinfection. Describe the principle, procedure and precautions of carrying out autoclaving.
3. Write short notes on :
 - (a) Diseases caused by *Entamoeba histolytica* and draw a labelled diagram of *Entamoeba histolytica*
 - (b) Characteristics of nematodes. Enumerate 4 faeco orally transmitted viral diseases.

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B.D.S. II Prof.

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**Note : Attempt all questions. Use separate copy for Part-I
& Part-II. Draw related diagrams, flow charts &
tables.**

Part-I

1. Write down the causes, pathogenesis morphological changes and stages of septic shock.

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2. Write in brief about :

(a) Differences between Transudate and Exudate.

5

(b) Differences between Necrosis and Gangrene.

5

3. Write short notes on :

(a) Effects of Radiations on body 2½

(b) Phagocytosis 2½

Part-II

1. Enumerate five gram positive bacteria. Describe the morphology, staining characteristics, culture media and disease caused by Corynebacterium diphtheriae.

10

2. What is hypersensitivity? Describe type IV hypersensitivity.

10

3. Write short notes on :

(a) CSF picture in pyogenic meningitis. 2½

(b) Classify viruses on basis of their nucleic acid.

2½