

Jan. 2005

3048
BDS Ind Prof Examination, 2004
Microbiology
General Pathology and Microbiology

Max. Marks : 25+25=50

Time : 3 Hours
Attempt all questions.

Part A

Describe Pathogenicity and Lab Diagnosis of Staphylococcus.

7

$3 \times 3 = 9$

Write short notes on any three of the following :-

- (i) Madurafoot
- (ii) Sterilization by heat
- (iii) Innate Immunity
- (iv) Elisa Test

$3 \times 3 = 9$

Describe briefly any three of the following :-

- (i) HIV and AIDS
- (ii) Camp Test
- (iii) Post Streptococcal Diseases
- (iv) Hemoflagellates

Part B

Describe the morphological and cultural characters of Corynebacterium diphtheriae with laboratory diagnosis of diphtheria infection.

7

Write short notes on any three of the following :-

$3 \times 3 = 9$

- (a) Immuno deficiency
- (b) Serum Sickness
- (c) Sterilization by heat
- (d) Viral Vaccines

3. Discuss in brief in any of three of the following :-

$3 \times 3 = 9$

- (a) Cysticercosis
- (b) Candidiasis
- (c) Tetanus
- (d) Interferon

1(04)5



2764

B.D.S. II Prof. Examination, 2004
General pathology & microbiology

Time : 3 Hours

Note : Attempt all questions.

Max. Marks : 50 (A+)

Part A

1. (a) Describe chronic Granulomatous inflammation with examples.
(b) Write difference between benign and malignant Tumours.
2. (a) Describe various types of NECROSIS.
(b) Write cardinal signs of Acute inflammation. Enumerate chemical mediators of inflammation.
3. Short notes on :- *Write short notes on any three*
(a) Bell's palsy
(b) Oral manifestation of Vit. B12 deficiency.
(c) HYDATID CYST.

3x

- (d) Fate of thrombus (e) Differences between A.M.L and A.L.L

Part B

- (a) Describe Lab diagnosis of sore throat in special Reference to Group-A streptococci.
- (b) Enumerate briefly about Hepatitis - B Marker.

5
2

Write short notes in any three of the following :

- (a) TSST (toxic shock syndrome Toxin)
- (b) Tric agents
(i) Black water fever
(ii) AS virgilliosis.

3x3

Write short notes in any three of the following :

- (a) Immuno fluorescence
- (b) Vincent's Angina
- (c) Methods of sterilisation by chemicals
- (d) Botulism.

3x4

1(04)

2446

B.D.S. II Prof. Suppl. Examination, 2004
Paper - General Pathology and Microbiology

Time : Three Hours

Max. Marks : 25

Note : Attempt all questions.

Part A

1. Write in brief :

- (a) Clinical features and laboratory diagnosis of Tuberculosis. ✓ 5
- (b) Life cycle of malarial parasite and its laboratory diagnosis. ✓ 5

2. Write in short :

- (a) Name various types of antibodies and write in detail about IgM antibody. 5
- (b) AIDS and its laboratory diagnosis. 4

3. Write short notes on :

- (a) Autoclave. 3
- (b) Candidiasis. 3

Part B

Attempt Any ~~three~~ one out of 3. 450

- 1. Describe the causes and laboratory diagnosis of iron deficiency anaemia.
- 2. Describe pathogenesis of type I hypersensitivity reaction and give its examples.
- 3. Write short notes on :
 - (a) Factors influencing wound healing
 - (b) Dystrophic Calcification
 - (c) Turner's syndrome.

Define and describe briefly about :

- (a) Hypertrophy
- (b) Chemotaxis
- (c) Red infarct

Draw labelled diagram of :

- (a) Tubercular Granuloma
- (b) Peripheral smear of megaloblastic anaemia