

Second BHMS Pathology Question Papers
Calicut University
2007 – 2009

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, June 2007

Paper I- GENERAL, SYSTEMIC PATHOLOGY AND MIASMS (New Scheme)

Time : Three Hours Maximum : 100 Marks

Answer Sections A and B in separate answer sheets

Draw diagrams wherever necessary.

Section A

- I. Define inflammation. What are the chemical mediators of Inflammation ? Write briefly on Acute inflammatory response and role of cells in inflammation. (2 + 3 + 5 + 5 = 15 marks)
- ii. Define Lymphoma and classify it. Describe the clinical features of lymphoma. (3+6+6 = 15 marks)
- 11.1. Write notes on
- (a) Cloudy swelling.
 - (b) Shock.
 - (c) Caseation necrosis.
 - (d) Rodent ulcer. (4x 5= 20 marks)

Section B

1. What is Glomerulonephritis ? Classify Glomerulonephritis. Describe the aetiology, pathogenesis and clinical features in detail. (2+ 3 + 10 = 15 marks)
- II. Define and classify Jaundice. Describe the clinical features and laboratory investigations of them. (2+3 + 5 + 5=15 marks)
- III. Write notes on
- (a) Inclusion bodies in R.B.C.
 - (h) SLE.
 - (c) Infective Granuloma.
 - (d) Fibroadenoma. (4 x 5=20 marks)

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, June 2007

Paper II- BACTERIOLOGY, PARASITOLOGY AND CLINICAL PATHOLOGY (New Scheme)

Section A

- I. Classify Clostridia with examples. Describe the morphology, cultural characteristics and pathogenicity of CL Weicchi. (5 + 3 + 3 ± 4 = 15 marks)
- II. Classify Leprosy and describe the clinical manifestation of them in detail. (3 + 12 = 15 marks)
- III. Write notes on
- (a) Culture media.
 - (b) Pneumococcus.
 - (c) Anthrax.
 - (d) Widal test (4x 5= 20 marks)

Section B

- I. Name the Sporozoal parasites. Describe the morphology and life cycle of Fl. Falciparum. Describe Pernicious malaria in detail. (2 + 3 ± 3 + 7 = 15 marks)
- II. What are the difference between virus and bacteria? Classify virus with examples. Describe Herpes virus in detail. (3 ± 4 + 8 = 15 marks)
- III. Write briefly on
- (a) Influenza.
 - (b) Oncogenic viruses.
 - (c) Zoonosis.
 - (d) Taenia solm. (4 x 5 = 20 marks)

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, January 2008

Paper I- BACTERIOLOGY, PARASITOLOGY AND CLINICAL PATHOLOGY (New Scheme)

Section A

1. Comment on
 - a) Hemophilus f) Lepromatous leprosy
 - b) Influenza virus g) Actinomycosis
 - c) Gram staining method h) Kala azar
 - d) Mac Conkey agar i) Balantidiasis
 - e) Casoni's test j) Sterilisation (2x10=20 Marks)
2. Write pathogenesis of poliovirus. How will you diagnose poliomyelitis? 15
3. Describe the morphology and pathogenicity of staphylococci. 15

SECTION - B

1. Describe the morphology, cultural characters and pathogenesis of vibrio cholera. 15
2. Write in detail about the life cycle and pathogenicity of plasmodium vivax. 15
3. Write briefly on
 - a) Rabies
 - b) Oncogenic virus
 - c) Weils disease
 - d) German measles (5x4=20 Marks)

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, June 2008

Paper II- BACTERIOLOGY, PARASITOLOGY AND CLINICAL PATHOLOGY (New Scheme)

Section A

1. Comment on
 - a) Measles
 - b) Schistosomes
 - c) Lepromatous leprosy
 - d) Aschoff nodule
 - e) Gram negative Cocci
- 1) Culture media
- g) Plague
- h) Q. fever
- I) N.I.H Swab
- j) Definitive host (2x10=20 Marks)
2. Describe the morphology, cultural characteristics, pathogenesis and laboratory diagnosis of Salmonella typhi. 15
3. Define Immunity. Describe hypersensitivity reactions. 15

SECTION — B

1. Describe the life cycle and pathogenesis of Entamoeba histolytica. 10
2. Describe the pathogenesis, clinical features and laboratory diagnosis of Pernicious anaemia. 10
3. Give the classification of viruses with examples. Discuss the general characteristics of Virus. 10
1. Write briefly on (4x5=20 Marks)
 - a) Pathogenesis of Ascaris lumbricoides.
 - b) Balantidium coli
 - c) Haemophilia
 - d) Diphtheria
 - e) Weil's disease

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, JUNE 2009.

SECTION - A

1. a) Define Necrosis.
 - b) Explain the types and nuclear changes. (3+7=10)
2. Define cell injury. Explain types. (2+8=10)
3. What is Amyloidosis ? Explain types and pathogenesis. (3+7=10)
4. Comment on:
 - a) ELISA
 - b) Malignant melanoma
 - c) Fatty degeneration

- d) Chemical carcinogens
- e) Bronchial Asthma Cor pulmonale
- g) Langhans cell
- h) Types of Thrombus. i) Serri2noma.

j} Thrombophebitis. (2x10=20 Marks) SECTION - B

1. What is wound healing ? Explain about primary and secondary types. (3+12=15) 2. What is chemo taxis. Describe chemical mediators of inflammation. (2+8=10) 3. Write short notes on :

- a) Sago spleen b) Metaplasia c) Renal stone d) Active Hyperaemia
- e} Cirrhosis. (5x5=25 Marks)

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, JUNE 2009.

SECTION - A

1. Comment on: a) Tetanus
 b) Larva migrans c) Negri body d) Hydatid cyst e) Weils disease
 f) Culture method g) Disinfection h) Dengue fever i) Types of infection
 j) Coomb's test. (2x10=20 Marks)

2. Define Leukaemia. Classify it. Describe blood picture and bone marrow picture in acute leukaemia. (2+3+10=15)

3. Describe lifecycle, pathogenicity and lab investigations of Wuchereria Baneroffe. (3+7+5=15)

SECTION - B

1. Write the morphology and pathogenicity of mycobacterium tuberculi. 10
 2. Describe pathogenicity and lab investigation for HBV infection. 10 3. Describe T'halassemia. 10 4. Write briefly on:
 a) HIV
 b) Lobar pneumonia c) Malaria
 d) Urinary tract infection. 4x5=20 Marks)

www.similima.com