

Second BHMS Pathology Question Papers

Calicut University

1996 - 2000

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, DECEMBER 1996

PATHOLOGY, BACTERIOLOGY AND PARASITOLOGY

Time: Three Hours. Maximum: 100 Marks

Answer all questions.

Answer Parts A and B in separate answer-books.

Part A

1. What is Thrombosis ? Describe its mechanism and its varieties and clinical significance.
2. Describe the causes, pathological lesions and blood picture of Pernicious Anaemia.

3. Write short notes on:

- (a) Amyloidosis.
- (b) Gaint cells.
- (c) Cirrhosis.
- (d) Polyarthrititis Nodosa.

Part B

1. Describe, the morphology, cultural characters and pathogenicity of Micobacterium Tuberculosis.
2. Discuss the life-cycle, morphology, pathogenicity of Enterobius vermicularis.

3. Write short notes on:

- (a) Viral encephalitis.
- (b) aIaàzAr.
- (c) Custicercus
- (d) Rheumatoid arthritis.
- (e) Plague.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, MARCH/APRIL 1997

PATHOLOGY, BACTERIOLOGY AND PARASITOLOGY

Part A

1. Define Inflammation. Describe its pathology and its importance.
2. What is Neoplasm ? Discuss various causes, spread and its characteristics.
3. Write short notes on:
 - (a) Fatty change.
 - (b) Embolism.
 - (c) Macrocytic anemia.
 - (d) Nephrosis.
 - (e) Ben hen.

Part B

1. What is causative organism of syphilis ? Enumerate different stages, pathology, and laboratory diagnosis of syphilis.
2. Describe the morphology, life cycle and pathogenicity of Ascanis lubricoides.
3. Write short notes on:
 - (a) Aschoff nodule.
 - (b) Sporozoite.
 - (c) Microfilaria.

- (d) Emphysema.
- (e) Immunity.

SECOND YEAR B.H.M.S DEGREE EXAMINATION, DECEMBER 1997

Part. A

1. What is Necrosis and discuss different varieties of necrosis?
2. What is shock? Describe different causes, mechanism and pathological lesions in important organs.
3. Write short notes on:
 - (a) Thrombosis.
 - (b) Glycogen infiltration.
 - (c) Hypochromic Anaemia.
 - (d) Peptic ulcer.
 - (e) Scurvy.

Part B

1. Describe the transmission, spread, pathology, pathogenicity and laboratory diagnosis of Cholera.
2. Morphology, life-cycle, pathogenicity of *Entamoeba histolytica*.
3. Write short notes on:
 - (a) Mumps.
 - (b) Hydatid cyst.
 - (c) Skin lesions of *Ancylostoma duodenale*.
 - (d) Nephrotic syndrome.
 - (e) V.D.RL

SECOND B.H.M.S. DEGREE EXAMINATION, JUNE 1998
PATHOLOGY, BACTERIOLOGY AND PARASITOLOGY

Part A

- I.(a) Define thrombosis.
 - (b) Describe the evolution of thrombus.
 - (c) Write the aetiology of thrombosis.
- II.(a) Define anaemia and classify it.
 - (b) Describe the clinical feature and diagnosis of Iron deficiency anaemia.
- III. Write short notes on:
 - (a) Atrophy.
 - (b) Albuminuria.
 - (c) Amyloid degeneration
 - (d) Phagocytosis.

Part B

- I.(a) Describe the pathology of Lobar pneumonia.
 - (b) Give an account of Primary Pulmonary Tuberculosis.
- II.(a) Explain the pathology of Malaria. (7 marks)
 - (b) Name the parasites that present in peripheral blood smear and give the diagnostic features of each of them with diagram.
- III. Write short notes on:
 - (a) Leishman's stain.
 - (b) Ankylostomiasis.
 - (c) Diphtheria.
 - (d) Congenital syphilis.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, DECEMBER 1998
PATHOLOGY, BACTERIOLOGY AND PARASITOLOGY

Part A

1. Define Oedema. What are the different mechanisms of production of oedema? Describe renal oedema.
2. (a) Define and classify degeneration.
(b) Describe the pathological calcification in detail.
3. Write short notes on :
 - (a) Aplastic anaemia.
 - (b) Pre-cancerous
 - (c) Multiple myeloma.
 - (d) Granulation tissue.
 - (e) Air embolism.

Part B

1. Give the morphology, cultural characteristics and pathogenicity of *Corynebacterium diphtheriae*.
2. (a) Write the morphology of *Plasmodium falciparum* with diagram.
(b) Describe the pernicious malaria in detail.
3. Write short notes on:
 - (a) Viral inclusion bodies.
 - (b) Aschoff nodule.
 - (c) Gas gangrene.
 - (d) Hydatid cyst.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, JUNE 1999
Paper I—PATHOLOGY, BACTERIOLOGY AND PARASITOLOGY

Part A

1. Define Leukaemia and classify it.
Describe the clinical features, blood picture and bone marrow picture in acute leukaemia.
2. (a) Describe the stages of wound healing.
(b) What are the end results of inflammation?
3. Write short notes on:
 - (a) Metaplasia.
 - (b) Fate of thrombus.
 - (c) Atherosclerosis.
 - (d) Thalassemia.

Part B

1. Mention the organisms causing gastroenteritis.
Describe the pathogenesis, clinical features and laboratory diagnosis of Cholera.
2. (a) Classify the nematodes according to their habitat.
(b) Describe the pathogenesis and clinical features of Hook worm.
3. Write briefly on:
 - (a) Tetanus.
 - (b) Rheumatic fever.
 - (c) Leprosy test.
 - (d) Occult filariasis.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, DECEMBER 1999
PATHOLOGY, BACTERIOLOGY AND PARASITOLOGY

Part.A

- I (a) Describe the process of repair of a clean wound and mention the factors influencing healing of wound.
(b) Classify and describe various types of inflammation.
- II. Describe the pathogenesis, clinical features and laboratory investigations of pernicious anaemia.
- III. Write short notes on
(a) Cloudy swelling.
(b) Jaundice.
(c) Renal oedema.
(d) Features of malignancy.

Part B

- I.(a) Describe various microfilariae with diagram. (7 marks)
(b) Write the life-cycle and pathogenesis of *Brugia malayi*. (8 marks)
- II. Define Bacteria and classify it with examples. What are the different products of bacteria?
- III. Write short notes on
(a) Hepatic amoebiasis
(b) Measles.
(c) Immunity.
(d) NIH swab.
(e) Lepromatous leprosy.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, JUNE 2000
PATHOLOGY, BACTERIOLOGY AND PARASITOLOGY

Part A

1. Describe the type of anemia produced by blood loss with clinical features and Lab :findings including blood picture and changes in the bone marrow.
2. What are the differences between benign and malignant tumor?
Describe the different modes of spread of cancer.
3. Write briefly on:
(a) Athero sclerosis. (b) Viral inclusion bodies.
(c) Widal reaction. (d) Kala-azar.

Part B

1. Explain the life-cycle of *Ascaris lumbricoides*. Describe the pathogenesis. What are the preventive measures to be taken to arrest the spread `
2. Describe the morphology, cultural and pathogenesis of *Neisseria meningitidis*
3. Write short notes on
(a) Pathological calcification.
(b) Gas gangrene.
(c) Vitamin A deficiency.
(d) Peptic ulcer.

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