

APRIL 2001

[KD 1209]

SECOND B.H.M.S. DEGREE EXAMINATION.

(Old/New Regulations)

Paper II — MICROBIOLOGY INCLUDING
PARASITOLOGY

Time : Three hours

Maximum : 100 marks

Answer Sections A and B separately.

SECTION A

1. Answer any ONE question : (1 × 14 = 14)
 - (a) Write in detail about vibrio-cholerae.
 - (b) Explain the pathogenesis and lab. diagnosis of Rabies virus.
2. Write briefly on any TWO of the following : (2 × 8 = 16)
 - (a) Clostridium Welchii
 - (b) Bacillary dysentery
 - (c) Pathogenesis of mycobacterium tuberculae.
3. Write short notes on any FIVE : (5 × 4 = 20)
 - (a) Endemic Syphilis
 - (b) Bacteriophage
 - (c) Spore
 - (d) Weil's disease

- (e) Robertson's cooked meat medium
- (f) Semple vaccine
- (g) Leucocidin.

SECTION B

4. Answer any ONE question : (1 × 14 = 14)
 - (a) Write in detail about the life cycle pathogenicity and laboratory diagnosis of Wuchereria bancrofti.
 - (b) Give an account in life cycle and pathogenicity of *Lieshmania donovani*.
5. Write briefly on any TWO : (2 × 8 = 16)
 - (a) Enterobiasis
 - (b) Hepatic amaebiasis
 - (c) Pathogenicity of Taenia Saginata.
6. Write short notes on any FIVE : (5 × 4 = 20)
 - (a) Symbiosis
 - (b) Chaga's disease
 - (c) Bone marrow biopsy
 - (d) Steatorrhoea
 - (e) Skin test for ascariasis
 - (f) Larva migrane
 - (g) NIH Swab.

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[KE 1209]

Sub. Code : 1209

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Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separately.

SECTION A

1. Answer any ONE question : (1 × 14 = 14)

(a) Write in detail about B-Haemolytic streptococci.

(b) Describe about viral hepatitis.

2. Write briefly on any TWO : (2 × 8 = 16)

(a) Write about pathogenesis of polio virus.

(b) Describe about pathogenesis and lab diagnosis of salmonella.

(c) Hanging drop.

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3. Write short notes on any FIVE : (5 × 4 = 20)

- (a) Shick test.
- (b) Herpeszoster.
- (c) Lepramin test.
- (d) B.C.G.
- (e) Bacteriophage.
- (f) AIDS.
- (g) Pneumococci.

6. Write short notes on any FIVE : (5 × 4 = 20)

- (a) Guinea worm.
- (b) Elephantiasis.
- (c) Definitive host.
- (d) Sleeping sickness.
- (e) Larva migrans.
- (f) *Cysticercus cellulosae*.
- (g) Lab diagnosis of amoebiasis.

SECTION B

4. Answer any ONE question : (1 × 14 = 14)

- (a) Describe the life cycle of malaria parasite.
- (b) Write about the life cycle and pathogenicity of *ankylostoma duodenale*.

5. Write briefly on any TWO : (2 × 8 = 16)

- (a) Pathogenicity of *entamoeba histolytica*.
- (b) Kala-azar.
- (c) Hydatid cyst.

MARCH 2003

[KG 1209]

SECOND B.H.M.S. DEGREE EXAMINATION.

(Old/New Regulations)

**Paper II — MICROBIOLOGY INCLUDING
PARASITOLOGY**

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in Separate Answer Book.

SECTION A

1. Answer any ONE question : $(1 \times 14 = 14)$
 - (a) Write in detail about the aetiology pathology and Lab : diagnosis of Typhoid fever.
 - (b) Describe the antigenic structure and pathogenesis of *Diplococcus pneumoniae*.
2. Write briefly on any TWO of the following : $(2 \times 8 = 16)$
 - (a) Pathogenesis of *pasteurella pestis*.
 - (b) Acquired immunity.
 - (c) Pathogenesis and clinical features of Herpes Simplex.
3. Write short notes on any FIVE : $(5 \times 4 = 20)$
 - (a) Pox virus.
 - (b) Infection.
 - (c) Negri bodies.

(d) PLET medium.

(e) Typhus fever.

(f) Primary complex.

(g) Schick test.

(e) Balantidium coli.

(f) Lymph node puncture.

(g) Loeffler's syndrome.

SECTION B

4. Write any ONE of the following : (1 × 14 = 14)

(a) Write in detail about the life cycle and pathogenicity of *Toxoplasma gondii*.

(b) Give an account of pathogenicity of *Echinococcus granulosus*.

5. Write briefly on any TWO : (2 × 8 = 16)

(a) Ancylostomiasis.

(b) Pathogenicity of *Leishmania intestinalis*.

(c) Occult filariasis.

6. Write short notes on any FIVE : (5 × 4 = 20)

(a) Stallion's disease.

(b) Loiasis.

(c) Hanging groin.

(d) Black water fever.

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[KK 1209]

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**Paper II — MICROBIOLOGY INCLUDING
PARASITOLOGY**

Time : Three hours

Maximum : 100 marks

**Two hours and forty minutes
for Sec. A and Sec. B**

Sec. A & Sec. B : 80 marks

Twenty minutes for :

Section C : 20 marks

Answer Sections A and B in ~~SEPARATE~~ Answer Book.

SECTION A — (2 × 15 = 30 marks)

Answer any TWO of the following :

(1) What is food poisoning? Discuss about the bacterias producing food poisoning.

(2) Define filariasis. Explain about life cycle and laboratory investigations.

(3) What is virus? Discuss its general character. Explain about vesicella.

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SECTION B — (10 × 5 = 50 marks)

Answer any TEN of the following :

- (a) Define spore with examples.
- (b) Define sterilisation. What are the techniques used?
- (c) Define and classify infection.
- (d) Liver amebiasis.
- (e) Discuss gonorrhoea.
- (f) Trichuriasis.
- (g) Stages of pneumonia.
- (h) Mantoux test.
- (i) What is plague? Classify it.
- (j) What is cholera?
- (k) Inclusion bodies.
- (l) Biopsy.