

SECOND B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER II – PATHOLOGY - II

Q.P. Code : 581507

Time: Three Hours

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

SECTION – A

1. Describe the life cycle, pathogenecity, lab diagnosis of Ancylostoma Duodenale.

SECTION – B

2. Describe the pathology, lab diagnosis of Rabies.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Lab diagnosis of Syphilis.
2. Pathogenecity of Shigella.
3. Lab Diagnosis of HIV Infection.
4. Describe in detail about Botulism.
5. Pathogenecity and Lab Diagnosis of ClostridiumTetani.

SECTION – B

6. Classify Hypersensitivity reactions with examples.
7. Classification of virus.
8. Rota virus.
9. Immuno prophylaxis.
10. Definition of Immunopathology.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Define Serum sickness.
2. Define Humoral Immunity.
3. Explain Flocculation test.
4. Difference between Amoebic and Bacillary Dysentery.
5. Weil's Disease – Describe.

SECTION – B

6. Intermediate Host – Define.
7. Rhino virus.
8. Rubella virus.
9. ABST.
10. Animal Inoculation.

[LN 1507]

OCTOBER 2018

Sub. Code: 1507

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I. Essay Questions:

(2 x 15 = 30)

SECTION – A

1. Describe in detail about different types of Culture Medias.

SECTION – B

2. Explain the nature and classification of viruses.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Difference between Endotoxin and Exotoxin.
2. Opportunistic pathogens.
3. Types of Sterilisation.
4. Yersinia Pestis and its Pathogenicity.
5. Explain in detail about Delayed Hypersensitivity.

SECTION – B

6. Immuno prophylaxis.
7. Importance of examination of stool.
8. Explain about Antimicrobial chemotherapy.
9. Features of Epstein – Barr virus.
10. Pathogenesis and Lab diagnosis of Polio virus.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Describe Koch's Postulates.
2. Define Opsonisation.
3. Explain Herd Immunity.
4. What is Sandwich ELISA?
5. What is Haptens?

SECTION – B

6. Describe Coombs' test.
7. List out the DNA viruses.
8. Define pathogenicity.
9. Define culture methods.
10. Define Zoonosis.

[LO 1507]

MAY 2019

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I. Essay Questions:

(2 x 15 = 30)

SECTION – A

1. Describe the pathogenesis, pathology and lab diagnosis of Salmonella typhi.

SECTION – B

2. Describe the pathogenesis, clinical manifestations and lab diagnosis of Human Immunodeficiency Virus.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Pathogenesis and laboratory diagnosis of Corynebacterium diphtheria.
2. Life cycle and pathogenicity of Wuchereria bancrofti.
3. Pathogenesis and lab diagnosis of Pulmonary tuberculosis.
4. Pathogenesis and lab investigations of Enterobiasis.
5. Life cycle and pathogenicity of Plasmodium falciparum.

SECTION – B

6. Discuss Type II Hypersensitivity reaction.
7. Chemical methods of sterilization.
8. Lepromin test.
9. Enumerate the enterically transmitted hepatitis viruses and their laboratory findings.
10. Pathogenesis and complications of Mumps.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Rhinosporidiosis.
2. Satellitism.
3. Romanas sign – describe.
4. String test.
5. Bubonic plague.

SECTION – B

6. Congenital rubella syndrome.
7. Viral inclusion bodies.
8. Arthus reaction.
9. Define Disinfection.
10. Interferons.
