

[LL 6155]

AUGUST 2017

Sub. Code : 6155

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
SECOND YEAR
PAPER I – PATHOLOGY & MICROBIOLOGY

Q.P. Code: 786155

Time: Three hours

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

SECTION A
(PATHOLOGY)

I. Elaborate on: **(1 x 20 = 20)**

1. Write in detail causes, pathology and diagnosis of Iron Deficiency Anaemia.

II. Write notes on: **(4 x 5 = 20)**

1. Duchenne muscular dystrophy.
2. Bronchial Asthma.
3. Occupational cancers.
4. Factors that influence wound healing.

II. Short answers on: **(5 x 2 = 10)**

1. List the bone changes in rickets.
2. Define oedema.
3. Rheumatoid nodule.
4. List the clinical manifestations of Ischemic Heart Disease (Coronary Artery Disease).
5. Poliomyelitis.

SECTION B
(MICROBIOLOGY)

I. Elaborate on: **(1 x 20 = 20)**

1. Enumerate the organism causing sexually transmitted diseases. Explain in detail about the cause, signs and symptoms, pathogenesis, diagnosis, treatment and prevention of syphilis.

II. Write notes on: **(4 x 5 = 20)**

1. Write a note on water borne hepatitis.
2. Antimicrobial susceptibility test.
3. Compare and differentiate aerobic and anaerobic bacteria. Give two example for anaerobic bacteria.
4. Types of reproduction in Bacteria.

III. Short answers on: **(5 x 2 = 10)**

1. Bacterial meningitis.
2. Anaphylaxis reaction.
3. Prevention of tuberculosis.
4. Bacterial spores.
5. Acquired immunity.
