

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. Describe the process of wound healing with its factors that influence tissue repair. Add a note on regeneration.

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

1. Rheumatoid arthritis.
2. Definition of gangrene, explain its types.
3. Bronchial asthma.
4. Fat embolism.

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

1. Osteoporosis.
2. Chronic bronchitis.
3. Shock and its types.
4. Angina pectoris.
5. Cardinal signs of acute inflammation.

SECTION B
(MICROBIOLOGY)

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

1. Define Culture Media. Mention different types of media and explain in detail about differential media.

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

1. Differences between Prokaryote & Eukaryote.
2. Water Borne Diseases.
3. HIV.
4. Type I Hypersensitivity.

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

1. Fluorescent Microscope.
2. Tapeworm.
3. BCG.
4. Bacterial Spore.
5. Active Immunity.