



# RAN-4006

## Second Year B. Physiotherapy Examination

March / April - 2019

### Pathology & Microbiology

Time: 3 Hours ]

[ Total Marks: 80

#### સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

Second Year B. Physiotherapy

Name of the Subject :

Pathology & Microbiology

Subject Code No.: 4 0 0 6

Seat No.:

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Student's Signature

#### Section - I

Q:1 Describe Inflammation in detail 10

OR

Describe Cirrhosis of Liver in detail

Q : 2 Write Notes on Followings ( Any Three) 15

- A) Haemolytic Anaemia
- B) Difference between Benign & Malignant Tumour
- C) Oedema
- D) Peptic ulcer
- E) Atherosclerosis

Q : 3 Write Short Notes on Followings ( Any Five ) 15

- A) Blood Components
- B) Acute Leukaemia
- C) Gout
- D) Renal Stones
- E) Meningitis
- F) Atrophy

**Section: II**

**Q.1** Classify hypersensitivity reactions. Write in detail about anaphylaxis. **(10)**

**OR**

Describe morphology, pathogenesis, clinical picture and laboratory diagnosis of Salmonella bacteria. **(10)**

**Q.2** Write Short Notes. (Three Out of Four) **(15)**

1. Candidiasis
2. Write short note on sources of infections and transmission of disease.
3. Normal microbial flora of human body.
4. Precipitation reactions

**Q.3** Write Short Notes (Five Out of Six) **(15)**

1. Prophylaxis of polio
  2. Define: Epidemic, Communicable disease, Opportunistic infection
  3. Differential culture media
  4. Laboratory diagnosis of HIV
  5. Diagnosis of Tuberculosis
  6. Sterilization by autoclave
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