

**PARUL UNIVERSITY**  
**FACULTY OF HOMOEOPATHY**  
**BHMS, Regular Examination October 2018**

Year: 2

Subject Code: 04101202

Subject Name: Pathology Paper - II

Date: 23/10/2018

Time: 02:00 pm to 05:00 pm

Total Marks: 100

**Instructions:**

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write section-A, section-B on separate answer sheets.
5. Draw diagrams wherever necessary.

**SECTION: A**

- Q.1** Describe Morphology, Cultural Characteristics and Pathogenicity of Mycobacterium Tuberculi. (15)  
**OR**  
 Describe Morphology, Cultural Characteristics and Pathogenicity of S.Typhi. (15)
- Q.2** Describe Morphology, Life cycle and Lab. Diagnosis of Echinococcus Granulosus. (15)  
**OR**
- Q.2** (a) Clinical features of Candidiasis (08)  
 (b) African Sleeping Sickness (07)
- Q.3 Write Short notes (Three out of Five)** (15)
1. Flagella
  2. Toxic shock syndrome
  3. Tetanus
  4. Widal Test
  5. Difference between amoebic dysentery and bacillary dysentery
- Q.4 Write Answer** (05)
1. BCG vaccine is used for which disease?
  2. In which disease the L.D. bodies are seen?
  3. Name the diseases caused by Varicella Virus?
  4. Which test is used to diagnose HIV?
  5. Name the organism that casues the disease Elephantiasis.

**SECTION: B**

- Q.1** Discuss in detail about pathogenesis of viral infection and Interferon. (15)  
**OR**  
 Discuss in detail about dengue virus. (15)
- Q.2** Define and Classify Sterilization. Describe name of Chemical agents used in sterilization. Explain sterilization by Halogens, Phenols and gases in detail. (15)  
**OR**
- Q.2** (a) VDRL test (08)  
 (b) C-Reactive protein test (07)
- Q.3 Write Short notes** (15)
1. Measels
  2. DNA Viruses
  3. Leucocytosis
  4. Sterilization by alcohol
  5. ELIZA test
- Q.4 Write Answer** (05)
1. Name any 2 gases for sterilization?
  2. Which pathological entity is common cause of death in deep sea divers ?
  3. Give two important differences between gastric and duodenal ulcers?
  4. What is complement fixation test?
  5. Mention types of immunity.