

SECOND BHMS (NEW SYLLABUS)**Pathology and Microbiology Paper- II****Duration: 03 Hrs.****17 DEC 2019****Marks:100****Instruction:****[1] All the Questions are compulsory.****[2] Write the Both Sections in Separate answer Book.****[3] Draw Diagrams where ever Necessary.****[4] Figures to the right indicate full Marks****SECTION I**

- Q - 1 Define Sterilisation. Explain methods of sterilisation. **15**
OR
- Q - 1 Define culture media. Explain methods of Culture Media in detail
- Q - 2 Explain Morphology, Life cycle, pathogenesis of V.Cholrae . **15**
OR
- Q - 2 (A) Life Cycle of E.Hystolytica **08**
 (B) Pathogenesis of Ascaris **07**
- Q - 3 **Write Short Notes: (Any 3)** **15**
 1. Z.N.Stain
 2. Flagella
 3. Antibodies.
 4. Pasteurisation
 5. Autoclave
- Q - 4 **Write In Short** **05**
 a). Disease caused by protozoa
 b). Two gram negative bacteria
 c). Two Cocci.
 d).Black fever caused by ...
 e). Spore is

SECTION II

- Q - 1 Define Immunity. explain its types with proper example **15**
OR
- Q - 1 Define hypersensitivity. Explain its types in detail
- Q - 2 Explain Morphology, cultural characteristics & pathogenesis of Salmonella **15**
OR
- Q - 2 (A) Pathogenecity of Mycobacterium **08**
 (B) Morphology of Ancylostoma **07**
- Q - 3 **Write Short Notes: (Any 3)** **15**
 1. Glycosuria
 2. Hydatid cyst
 3. Polio Vaccine
 4. AIDS
 5. T.Vaginalis
- Q - 4 **Write in Short** **05**
 a). Vaccine is against Mycobacterium
 b). Leucocytosis means
- c). Name one fungi
 d). Investigations of Malaria
 e). Full Form of Elisa