

**OP Code:102109**

**Reg.No.:..... .**

**PG Degree Examinations in Microbiology (MD) - May 2013**

**Paper II - Bacteriology and Mycology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essays:**

**(20)**

1. Describe the laboratory diagnosis of bacteria associated with meningitis.

**Short essays:**

**(8x10=80)**

2. Enumerate dimorphic fungi and describe their pathogenesis.
3. Name the causative agents of subcutaneous mycosis and describe their laboratory diagnosis .
4. Describe the pathogenicity, classification and epidemiology of shigella.
5. What are ' HACEK' organisms. Describe its role as emerging pathogen and drug resistance exhibited by them.
6. Explain about laboratory diagnosis and prophylaxis of human anthrax.
7. Describe the morphology and laboratory diagnosis of borrelia recurrentis.
8. Enumerate the genital chlamydia! serotypes and their laboratory diagnosis.
9. Define non - fermenters. Explain the morphology , clinical infection and drug resistance of acinetobacter species.

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