

[MBBS 0524]

MAY 2024

Sub. Code :6066

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)

SECOND PROFESSIONAL – SUPPLEMENTARY (CBME)

PAPER II – MICROBIOLOGY

Q.P. Code: 526066

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQS)

Answer all the Questions

I. Essay:

(2 x 15 = 30)

1. A 3 year old boy was admitted to the hospital with complaints of high-grade fever, headache, vomiting, altered mental status, seizure and neck rigidity. CSF sample was collected by lumbar puncture in a sterile container and sent to the laboratory for biochemical analysis, direct microscopic test, culture and sensitivity testing
 - a) What is the probable clinical diagnosis?
 - b) What are the etiological agents, pathogenesis and clinical manifestations of this disease?
 - c) Describe the laboratory diagnosis in detail.
 - d) What are the treatment modalities according to the etiological agents?
2. A 32-year-old male with history of multiple sex partners is admitted with complaints of unexplained fever, progressive loss of weight, persistent diarrhoea and generalized lymphadenopathy for the past 6 months.
 - a) What is the most probable diagnosis?
 - b) Discuss the pathogenesis, clinical manifestation and laboratory diagnosis of the above condition.

II. Write Short notes on:

(10 x 5 = 50)

1. Bioterrorism.
2. Opportunistic mycosis.
3. African sleeping sickness.
4. Typhoid Carriers.
5. Chancroid.
6. Campylobacter Jejuni.
7. Prions disease.
8. Diarrheagenic E.Coli.
9. Halophilic Vibrios
10. Laboratory diagnosis of Scrub typhus.
