

[MBBS 0322]

MARCH 2022

Sub. Code :6066

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020 Batch onwards)

SECOND YEAR**PAPER III – MICROBIOLOGY – II***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 45 years old female has attended the Gynac op with c/o Mucopurulent vaginal discharge for the past one week. In gram's staining of cervical swab, kidney shaped Gram negative cocci are seen. Answer the following questions
 - a) Which organism causes this symptoms and list out the other possible organism that cause Sexually Transmitted Infection.
 - b) Explain the pathogenesis and clinical feature of the organism
 - c) What are the diagnostic methods and management
2. A 55 years old male patient was admitted in ICU were with fever, cough with expectoration, fatigue and sore throat. There is H/O loss of smell and taste. The contact history with fever patient before 5 days is also elucidated
 - a) What is the cause of the above condition and list out other organism that causes interstitial pneumonia?
 - b) Explain the structure of the organism
 - c) How will you diagnose this condition .Add a note on its vaccine

II. Write Short notes on:**(10 x 5 = 50)**

1. Write about the lab diagnosis of Hepatitis B virus.
2. Explain various properties of enterotoxin produced by Escherichia coli.
3. Write the lab diagnosis of systemic mycosis.
4. Write short notes on carriers in typhoid infections.
5. Explain Weil-Felix Test and its application.
6. Write short notes on Brugian Filariasis.
7. Short notes on Granulomatous Amoebic Encephalitis.
8. Discuss the vaccine against Poliomyelitis.
9. Write the clinical feature and lab diagnosis of Melioidosis.
10. Write the clinical feature and lab diagnosis of Plague.
