

**PAPER CODE: MB2019116****KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA STATE - 506002****MBBS SECOND YEAR DEGREE EXAMINATIONS: APRIL/MAY, 2022****MICROBIOLOGY (NEW REGULATION) PAPER-II****Time: 3 Hours****Max Marks: 100****Note: Answer all questions.****Give Diagrammatic representation wherever necessary.**

Write an essay on the following:**2 X15 = 30**

1. A 45 year male has been suffering from cough more than two months. He complains of loss of weight since one month. He observed Blood in Sputum since 2 days. He smokes 2 cigarettes per day for last 10 days. Sputum sample was sent for acid fast staining. Acid fast bacilli seen in the sputum Smear.

- Write about probable diagnosis.
- Write about the lab diagnosis.
- Mention one test to detect MDRTB.

d. Write about Immuno-prophylaxis.

(3+6+3+3)

2. A 10-year-old boy is bitten by a dog in his forearm region. He is brought to the paediatric OPD. On local examination the wound has bite marks with bleeding.

- Categorize the wound according to WHO guidelines.
- Describe the pathogenesis of this condition.
- Elaborate on Lab diagnosis,

d. Explain the Post Exposure Prophylaxis (IM & ID).

(2+4+4+5)



Write a short note on the following:

8X5=40

3. Toxoplasmosis.
4. Biomedical Waste Management.
5. Clinical manifestations and laboratory diagnosis of Gonococcal Urethritis.
6. Laboratory diagnosis and prophylaxis of SARS- COV-2.
7. Aspergilloses.
8. Anthrax.
9. Dracunculus Medinensis.
10. Genital Herpes.

Write briefly on the following:

10X3=30

11. Prophylaxis of Tetanus.
12. Neurocysticercosis.
13. Draw the diagram of Influenza Virus.
14. Trichomonas Vaginalis.
15. Name three fungi causing Ocular Mycosis.
16. Loeffler's Syndrome.
17. Prophylaxis of Diphtheria.
18. Germ Tube Test.
19. MMR Vaccine.
20. Soft Chancre.

