

Q.P. CODE: MB2019116
KALOJI NARAYANA RAO UNIVERSITY OF
HEALTH SCIENCES
WARANGAL, TELANGANA STATE-506002
MBBS SECOND YEAR DEGREE
EXAMINATIONS: APRIL, 2022
MICROBIOLOGY (NEW REGULATION)
PAPER-11

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

2 X 15-30

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.

- a. Write about probable diagnosis.
- b. Write about the lab diagnosis.
- c. 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.

- a. Categorize the wound according to WIIO guidelines.
 - b. Describe the pathogenesis of this condition.
 - c. Elaborate on Lab diagnosis.
 - d. Explain the Post Exposure Prophylaxis (IM & ID).
- (2+4+4+5)

Write a short note on the following:

8X5

- 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:

10 X 3

- 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.