

Q.P. CODE: MB2019116
KALOJI NARAYANA RAO UNIVERSITY OF
HEALTH SCIENCES
WARANGAL, TELANGANA STATE - 506 002
MBBS SECOND YEAR DEGREE
EXAMINATIONS: MARCH, 2023
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 X 15-30

- 1) Classify Herpes group of Viruses. Discuss briefly various clinical manifestation of Herpes Simplex Virus and its Laboratory Diagnosis. (3+5+7)
2. A 4-day old male Neonate develops fever, lethargy, poor feeding and altered sensorium. On examination his temperature is 100-degree F, Pulse 120bpm, BP-90/60 mmHg. On CNS examination CSF sample is Turbid. Gram staining of CSF has plenty of Pus cells and Gram-Positive Cocci in chains. (3+2+3+7)
 - a) How is sample collected?
 - b) Identify the pathogen.
 - c) Elaborate on agents causing Neonatal Meningitis.

d) Describe the laboratory diagnosis and confirmatory tests for this Organism.

Write a short note on the following: 8 X 5 = 40

3. Surgical site infection.

A. Pertussis.

5/ Describe the laboratory diagnosis of Syphilis.

6. Anthrax.

A. Cerebral Malaria.

8 Toxoplasmosis.

9. Primary Amoebic Meningoencephalitis.

10. Aspergillosis.

Write briefly on the following: 10 X 3 = 30

11. Organisms causing Burn Wound Infection.

12. Organisms causing space occupying lesion in the Brain.

13. Name three Anaerobic Bacteria.

14. Dimorphic fungi with two examples.

15. Non-Gonococcal Urethritis.

16. Parasites of the lung.

17. KFD

18. Agents of Bioterrorism.

19. Hydatid Cyst.

20. Antigenic Shift and Antigenic Drift.
