

PAPER CODE: MB2019113**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA STATE - 506002****MBBS SECOND YEAR DEGREE EXAMINATION FEBRUARY, 2024****PATHOLOGY PAPER-I****Time: 3 Hours****Max Marks: 100****Note: Answer all questions.****Give Diagrammatic representation wherever necessary.**

Multiple Choice Questions:**10 X 1=10**

1. Morphologic changes seen in chronic non-specific inflammation include an increase in:

- a) Neutrophils, lymphocytes and liquefaction necrosis
- b) Neutrophils, macrophages and fibrosis
- c) Lymphocytes, plasma cells and fibrosis
- d) Giant cells, macrophages and coagulative necrosis

2. CREST Syndrome include all of the following except?

- a) Conjunctivitis
- b) Calcinosis
- c) Telangiectasia
- d) Sclerodactyly

3. Secondary amyloidosis is observed in all EXCEPT:

- a) Bronchiectasis
- b) Chronic osteomyelitis

- c) Crohn's disease
- d) Carcinoid appendix

4. Grading of cancer is based on which of the following statement:

- a) Size of the primary tumor
- b) Spread of cancer cells to regional lymph nodes
- c) Presence of blood born metastasis
- d) Degree of differentiation of tumor cells and anaplasia

5. The chemical carcinogen, aflatoxin B-1 (food contaminant) derived from a fungus, which causes

- a) Transitional cell carcinoma of lung
- b) Adenocarcinoma of rectum
- c) Squamous cell carcinoma of skin
- d) Hepatocellular carcinoma

6. Secondary tuberculosis manifests in the following ways EXCEPT:

- a) Fibro-caseous lesions
- b) Miliary tuberculosis
- c) Ghon's complex
- d) Tuberculous pneumonia

7. In primary tuberculosis, all of the following may be seen EXCEPT:

- a) Granulomas
- b) Caseation
- c) Cavitation
- d) Calcification

8. Which of the following is NOT transmitted through mosquito bite?

- a) Malaria
- b) Kala-azar
- c) Japanese encephalitis
- d) Dengue Fever

9. Which is NOT a sex linked disease:

- a) Haemophilia A
- b) G-6-PD deficiency
- c) Cystic fibrosis of Pancreas
- d) Color blindness

10. In foetal life, RBC's are formed in?

- a) Spleen and Liver
- b) Bone marrow
- c) Kidney and lungs
- d) Pancreas

Essay/Long Answer Questions:

2X15=30

- 11. Classify Shock. Describe the pathology of Septic Shock.
- 12. Classify Haemolytic Anaemia. Discuss the pathogenesis of Sickle Cell Anaemia.

Short Answer Questions:

7 X 6 = 42

- 13. Discuss pathology and morphology of Fatty Change.
- 14. Describe Coombs test and its significance.

15. Define Paraneoplastic Syndromes and give examples.
16. Discuss pathogenesis of Amyloidosis.
17. Prothrombin time and its clinical utility.
18. Pathological Calcification.
19. Neuroblastoma.

Very Short Answer Questions:

6 X 3 = 18

20. Define metaplasia with examples.
21. Auto Antibodies in systemic Lupus Erythematosus.
22. Bombay Blood Group.
23. Ghon's Complex.
24. Define Leukemoid Reaction with causes.
25. Philadelphia Chromosome.
