

PAPER CODE: MB2019113

KAIJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

MBBS SECOND YEAR DEGREE EXAMINATIONS: AUGUST 2025

PATHOLOGY PAPER-I

Time: 3 Hours

Max Marks: 100

Note: Answer all questions Give Diagrammatic representation where ever necessary

Multiple Choice Questions: 10 X 1 = 10

1. M spike in multiple myeloma is usually due to
 - a) IgG
 - b) IgM
 - c) IgE
 - d) IgA
 2. Disseminated intravascular coagulation is one of the most dreaded complications of which of the following type of leukemia?
 - a) Acute Myeloid Leukaemia-M2
 - b) Acute Myeloid Leukemia-M4
 - c) Acute Myeloid Leukaemia-M3
 - d) Acute lymphoid leukaemia
 3. Blood transfusion transmits the following viral diseases EXCEPT:
 - a) Dengue haemorrhagic fever
 - b) Hepatitis C
 - c) Parvovirus B-19
 - d) Hepatitis B
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4. Irreversibility following cell injury is consistently characterized by
- a) loss of mitochondrial function
 - b) fatty change
 - c) Vacuolar degeneration
 - d) hypertrophy of endoplasmic reticulum
5. Not a cardinal sign of inflammation is
- a) Palor
 - b) Calor
 - c) Dolor
 - d) Loss of function
6. Oedema resulting from renal dysfunction often manifests first in
- a) Legs
 - b) Sacral region
 - c) Peri-orbital region
 - d) Lungs
7. Nutmeg liver is the description of morphology occurring in which of the following conditions
- a) Hyperaemia of liver
 - b) Chronic venous congestion of liver
 - c) Cirrhosis of liver
 - d) Inflammation of liver
8. CREST syndrome is associated with
- a) SLE
 - b) Systemic sclerosis
 - c) Sjogren syndrome

d) Rheumatoid arthritis

9. Identify the misnomer

a) chondroma

b) Papilloma

c) Seminoma

d) Lymphangioma

10. Rarest site for tumor metastasis is

a) Bone

b) Lung

c) Liver

d) Skeletal muscle

Essay/ Long Answer Questions: 2 X 15 = 30

11. Define Amyloidosis. Explain the gross and microscopic features of the organs involved in secondary Amyloidosis with its staining reactions. (3+6+6)

12. Classify Haemolytic Anaemia. Discuss the laboratory diagnosis of Haemolytic Anaemia. (5+10)

Short Answer Questions:

7x6=42

13. Chemotaxis.

14. Etiopathogenesis of Thrombus.

15. Neimann Pick disease.

16. Leukemoid reaction.

17. Rickets.

18. Mycetoma.

19. Paraneoplastic Syndrome.

Very Short Answer Questions:

6 X 3 = 18

20. Caisson's Disease.

21. Hyper segmented Neutrophil.

22. Barr body.

23. Negri bodies.

24. Uses of Buffy Coat.

25. Virchow's triad.

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