

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0725]

JULY 2025

Sub. Code: 1624

SECOND PROFESSIONAL B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2022-2023 Batch onwards)
PAPER IV – (HomUG-Path M) PATHOLOGY AND MICROBIOLOGY - I

Q.P. Code: 581624

Time: 15 Minutes

Answer ALL questions

Maximum: 10 Marks

Choose one correct answer in the box provided in the Answer Script. No overwriting should be done. Choice should be given in Capital Letters.

I. Multiple Choice Questions:

(10 x 1 = 10)

1. Which vitamin deficiency induces Squamous metaplasia in the respiratory epithelium?
A) Vitamin C B) Vitamin K C) Vitamin A D) Vitamin B6
2. Brown atrophy of heart is an evidence of deposition of
A) Ceruloplasmin B) Lipofuscin C) Iron oxide D) All of the above
3. In which morphological pattern of cell injury, the cell membrane is intact?
A) Necrosis B) Apoptosis C) Gangrene D) All of the above
4. Which of the following statement is incorrect about exudate?
A) It is an inflammatory fluid due to endothelial damage
B) It is cloudy due to deficiency of Protein
C) The pH is < 7.3, specific gravity is 1.020
D) It consists of microbes, dead WBC and inflammatory cells
5. Congestion is not associated with
A) Severe edema
B) Absence of Hypoxia
C) Increased accumulation of blood in the tissue due to impaired outflow
D) Involved area is black or blue red in colour
6. Saddle embolism is a type of
A) Systemic embolism B) Pulmonary embolism
C) Fat embolism D) Septic embolism
7. Herd immunity is otherwise called as
A) Active immunity B) Congenital immunity
C) Population immunity D) Innate immunity

8. Reedsternberg giant cell is present in all except
A) Pulmonary tuberculosis B) Infectious mononucleosis
C) Chronic Myeloid Leukemia D) Hodgkin's Lymphoma
9. Hypertensive retinopathy features all except
A) Microinfarction of nerve fibres
B) Flame shaped haemorrhage
C) Papilloedema
D) Diffuse demyelination with gliosis
10. The earliest enzyme raised in Myocardial infarction is
A) Troponin B) Lactate dehydrogenase
C) Creatinine phosphokinase D) Alkaline Phosphatase
