

2019 Scheme

Q.P. Code: 214001

Reg. no.:

**Second Professional MBBS Degree Supplementary Examinations
July 2023
Pathology - Paper II
(Systemic Pathology)**

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers
- Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Long Essays

(2x15=30)

1. A 7-year-old boy presents with puffiness of eyelids, decreased urine output of 6 days duration. Clinical examination reveals generalized edema and mild hypertension. Urine examination reveals numerous RBCs and mild proteinuria. He gives a history of a sore throat 3 weeks ago. A renal biopsy is performed.
 - (a) What is your provisional diagnosis
 - (b) Describe the pathogenesis of this condition
 - (c) What features do you expect to see in the renal biopsy
 - (d) What is the outcome of this disease

(2+5+6+2)
2.
 - (a) Define pneumonia
 - (b) Describe the types, stages, morphology and complications of lobar pneumonia.

(1+4+3+4+3)

Short essays

(5x8=40)

3. Pathogenesis of Atherosclerosis
4. Gross and microscopic features of myocardial infarction
5. Obstructive uropathy
6. Benign gestational trophoblastic diseases
7. Prognostic and predictive factors for breast carcinoma

Short answers

(5x4=20)

8. Dysgerminoma ovary
9. Emphysema – aetiopathogenesis and classification
10. Basal cell carcinoma of the skin
11. Morphology of Hashimoto thyroiditis
12. Radiologic and morphological features of osteogenic sarcoma

Objective type questions

(10x1=10)

13. Name the carcinoma that arises in the background of Barrett esophagus
14. What is the stain for H. pylori
15. What is the appearance of hepatocytes in hepatitis B infection
16. Name the mode of inheritance of Adult Polycystic Kidney Disease
17. Name the types of gall bladder calculi
18. Name two neoplasms of the adrenal gland
19. Name the common molecular abnormality in carcinoma colon
20. Name the grading system for prostatic carcinoma
21. Name the condition associated with mature thyroid tissue in a benign cystic teratoma of the ovary
22. What is sequestrum
