

2019 Scheme

Q.P. Code: 214001

Reg. no.:

Second Professional MBBS Degree Supplementary Examinations

July 2022

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 35-year-old male presents with painless enlargement and heaviness of the right testis since 2 months. Ultrasound showed a hypoechoic and homogenous mass in the right testis
 - (a) What are the tumor markers that will help you in the diagnosis
 - (b) How are testicular tumors classified
 - (c) Describe the clinical features and gross and microscopic findings of any one testicular tumor. (3+5+7)
2. Discuss Hepatitis B infection under the following headings:-
 - (a) Clinical features
 - (b) Gross and microscopic changes in liver
 - (c) Complications (5+5+5)

Short essays

(5x8=40)

3. Describe the autopsy findings in lungs and heart in a 40-year-old male with longstanding rheumatic heart disease with mitral stenosis
4. Classify Hodgkin Lymphoma. Describe the morphological features and immunohistochemical profile of Classical Hodgkin Lymphoma
5. Discuss the etiopathogenesis of carcinoma colon with a note on the adenoma-carcinoma sequence
6. Explain the molecular basis of classification and prognostic features of Carcinoma breast.
7. Describe the genetic basis, radiological findings and morphology of Ewing Sarcoma (5x4=20)

Short answers

8. Write a short note on Hashimoto thyroiditis
9. Explain the macroscopic and microscopic changes seen in alcoholic cirrhosis with a labeled diagram
10. Discuss the etiopathogenesis and urinary findings in poststreptococcal glomerulonephritis
11. Describe the types and grading of astrocytoma
12. Define nephrotic syndrome. Describe the gross and microscopic changes in kidney in Systemic Lupus Erythematosus (10x1=10)

Objective type questions

13. Explain Ghon focus
14. Explain Peutz Jegher's polyp
15. Name two causes of fatty change in liver.
16. Explain involucrium
17. What is the genetic basis of Retinoblastoma
18. Orphan Annie nucleus is a feature of _____
19. Name two causes of flea bitten kidney
20. Describe the pathogenesis of Krukenberg tumor
21. Explain Ki 67
22. What are Gamna Gandy bodies. In which condition do you see them