

# 2019 Scheme

Q.P. Code: 214001

Reg. no.: .....

## Second Professional MBBS Degree Regular Examinations February 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 50-year-old nulliparous female presents with a hard lesion of the right breast that she had noticed 2 weeks ago. Clinical examination reveals puckering of the overlying skin and retraction of the nipple along with a 3 cm hard mass in the upper outer quadrant of the right breast. 3 hard masses are palpable in the right axilla. On questioning the patient reveals a weight loss of 7kg in the last 2 months. Mammogram reveals a 3.4 cm mass with irregular spiculated margins and increased density compared to the surrounding breast tissue.
  - (a) What is your diagnosis. Justify it
  - (b) What is the gross and histology of this lesion
  - (c) List the major prognostic and predictive markers
  - (d) Discuss the mode of spread of this disease
2. What are gestational trophoblastic diseases. Design a labelled diagram to depict the origin of these lesions. Discuss the clinical features, morphology, and complications of these conditions.

(4+4+4+3)

(2+5+8)

### Short essays

(5x8=40)

3. Types and pathogenesis of myocardial infarction
4. Differences between Crohn disease and Ulcerative colitis
5. Causes and morphology of acute and chronic gastric ulcers
6. CSF findings in acute bacterial, tuberculous and viral meningitis
7. Changes in serum markers and liver histology in Hepatitis B infection

### Short answers

(5x4=20)

8. Aortic dissection
9. Antineutrophil cytoplasmic antibodies
10. Left sided heart failure
11. Morphological features of papillary carcinoma thyroid
12. Polyps of intestine

### Objective type questions

(10x1=10)

13. Name the coal induced pulmonary lesion seen in coal miners and urban dwellers
14. Name the inclusions seen in giant cells in sarcoidosis
15. Name the types of carcinoma lung
16. Name the IHC marker done in oral/oropharyngeal cancer
17. What is Linitis Plastica
18. Name the ovarian tumor that secretes estrogen
19. Name three types of gall stones
20. Name the histological features in post infectious glomerulonephritis
21. Name the most common forms of autosomal recessive polycystic kidney disease
22. Name the tumors associated with psammoma bodies

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