

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.

- What is your diagnosis. Justify it
- What is the gross and histology of this lesion
- List the major prognostic and predictive markers
- Discuss the mode of spread of this disease

(4+4+4+3)

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.

(2+5+8)

(5x8=40)

Short essays

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

Short answers

(5x4=20)

- Aortic dissection
- Antineutrophil cytoplasmic antibodies
- Left sided heart failure
- Morphological features of papillary carcinoma thyroid
- Polyps of intestine

Objective type questions

(10x1=10)

- Name the coal induced pulmonary lesion seen in coal miners and urban dwellers
- Name the inclusions seen in giant cells in sarcoidosis
- Name the types of carcinoma lung
- Name the IHC marker done in oral/oropharyngeal cancer
- Explain Barret's esophagus
- Name the ovarian tumor that secretes estrogen
- Name three types of gall stones
- Name the histological features in post infectious glomerulonephritis
- Name the most common forms of autosomal recessive polycystic kidney disease
- Name the tumors associated with psammoma bodies
