

**MEDICAL****[MBBS 0725]****JULY 2025****Sub. Code :6064****M.B.B.S. DEGREE EXAMINATION****(For the candidates admitted from the Academic Year 2019-2020)****SECOND PROFESSIONAL – (CBME)****PAPER II – PATHOLOGY*****Q.P. Code: 526064*****Time: Three hours****Maximum : 100 Marks (80 Theory + 20MCQs)****Answer all the Questions****I. Essay:****(2 x 15 = 30)****(2+3+4+4+2)**

1. 4-year male child with complaints of proteinuria, no hematuria, no hypertension. Electron microscopy shows diffuse effacement of foot processes of visceral epithelial cells.

What is the probable diagnosis? Describe the etiology, pathogenesis, morphology and clinical features for the above diagnosis.

**(3+7+5)**

2. 18-year male who has come to the hospital for swelling and pain in the right knee for 2 months. X-ray shows sunburst pattern and Codman's triangle.
- What is your diagnosis?
  - Morphological (Gross and microscopic) features.
  - Histological variants of the lesion.

**II. Write Short notes on:****(10 x 5 = 50)**

- Bronchiectasis.
- Urolithiasis.
- Aneurysmal bone cyst.
- Pheochromocytoma.
- Adult polycystic kidney disease.
- Cushing's syndrome.
- Peptic ulcer disease.
- Sarcoidosis.
- Phyllodes tumor.
- Cryptorchidism.

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