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**CDO 8984**

**Second Year MBBS Examination**  
**II MBBS Pathology Paper 2 (New)**

**Time: 3 hours**

**Max Marks: 100**

**Instructions:**

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

**Section 1**

**1. Structured Long Question (Attempt any one of the following questions)**

- a) Classify acute glomerulonephritis. Describe pathology of acute post- streptococcal
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glomerulonephritis. Write a note on its laboratory diagnosis.

3+4+3

b) Define pneumonia. Give classification of pneumonia. Describe in detail gross and microscopic features of lobar pneumonia. 2+3+5

**2A. Case based scenario/Applied short Notes: (Attempt any Two of the following questions)**

a) A 20 yrs old male patient complains of intermittent attacks of mild diarrhoea, fever and abdominal pain. Colonoscopy revealed skip lesions in the terminal ileum with cobblestone appearance of the mucosa and fissures in the intestinal wall. Mention the pathogenesis and microscopic features of this condition. (10)

b) A 60 yrs old female, known case of chronic hepatitis B infection and post necrotic cirrhosis complains of abdominal pain. CT-scan showed a large infiltrating tumour mass in right lobe of liver. Discuss gross and microscopic features of this entity. (12)

c) Enumerate the tumors arising from germ

cells of ovary. Write in brief about any one of these tumors. (10)

**28. Write short notes (Attempt any Three of the following questions)**

a) Discuss predictive and prognostic factors of carcinoma breast. (18)

b) Gross and microscopic features of peptic ulcer.

c) Morphological stages of alcoholic liver disease.

d) Describe in detail types of emphysema.

**3. Answer only in 2-3 sentence (Attempt any Five of the following questions)**

a) Morphological features of lupus nephritis.

b) Risk factors for cervical carcinoma.

c) Crystals in urine.

d) Pathogenesis of irritable bowel syndrome (IBS).

e) Microscopic features of osteogenic sarcoma.

f) Microscopic features of Schwannoma.

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## Section 2

### **4. Structural long Question (Attempt any one of the following questions)**

a) Describe the etiopathogenesis of pulmonary tuberculosis. Describe difference between transudate and exudate mentioning etiological factors. Discuss in details about lab diagnosis of tuberculous pleural effusion. 3+4+3

b) Define nephritic syndrome. Enumerate its causes. Describe findings of urine examination in a patient of nephritic syndrome. Discuss in detail about renal function tests. 2+2+2+4

### **5A. Case based scenario/applied short notes: (Attempt any two of the following questions)**

a) A 82 yrs old male patient was advised semen analysis for infertility. Discuss in detail about semen analysis. (10)

b) A 50 yrs old female patient was diagnosed with peritonitis with sepsis. Describe in detail the ascitic fluid analysis of this patient. (12)

~~c) Enumerate causes of infective hepatitis.~~

Describe liver function tests in a case of infective hepatitis. (10)

**58. Write short notes (Attempt any Three of the following questions)**

a) Types of leiomyoma with the morphological features. (18)

b) Lab diagnosis of diabetes mellitus.

d) Etiopathogenesis and morphological features of biliary cirrhosis.

**6. Answer only in 2-3 sentence (Attempt any Five of the following questions)**

a) Microscopic features of Seminoma.

b) Complications of atheromatous plaque.

c) Gross features of multinodular goiter.

d) Duct carcinoma in situ (DCIS)

e) Types of renal calculi.

f) Common sites of squamous cell carcinoma.

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