

**Second Professional MBBS Degree Examinations, February 2017**

**Hematology and Systemic Pathology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(8)**

1. Define acute myeloid leukemia. Classify acute myeloid leukemia and mention the blood picture and clinical features.  $(1+3+4=8)$

**Short essay:**

**(6)**

2. 55 years old female presented with postmenopausal bleeding and foul smelling discharge. P/V examination revealed unhealthy, indurated ulcerated cervix. Answer the following.
  - What is the provisional diagnosis
  - How do you establish the diagnosis
  - Describe microscopic picture of the lesion
  - Mention the prognosis of the lesion $(1+2+2+1=6)$

**Short notes:**

**(4x4=16)**

3. Renal pathology in diabetes mellitus
4. Chronic active hepatitis etiology and microscopic picture
5. Etiology of aplastic anemia
6. Salivary gland tumors

**Answer briefly:**

**(4x2=8)**

7. Osteoclastoma
8. Mesothelioma
9. Types of gall stones
10. Gouty arthritis

**Answer in single sentence:**

**(4x1/2=2)**

11. Precancerous lesion of intestine
12. Name four glial tumors
13. Hashimoto's thyroiditis
14. Berry aneurysm

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