

# Azra Naheed Medical College

MBBS 4<sup>th</sup> Year Class (Session 2011)

Class Test-4 (Special Pathology - SEQs) 26-1-2015

Name: \_\_\_\_\_ CVS

Roll No: 26

Total Time: 45 Minutes

Total Marks: 25

1. a. Classify ischemic heart diseases. P.g# 538  
 b. Write the gross & microscopic features of myocardial infarction. P.g# 544
  - Unstable Angina
  - Acute MI
  - Sudden MC death
  - abnormal dilation of the blood vessels or the heart
2. a. Define aneurysm. P.g# 50  
 b. Write the pathogenesis of various types of aneurysm.
  - True Aneurysm [Saccular type (1)]
  - False Aneurysm [Fusiform type (4)]
  - Dissection
3. a. What is gout? 1214 Pg  
 b. Write down its etiology & major morphological manifestations. 1214
  - Urate crystals
  - Nephrolithiasis, polyneuropathy
4. a. Classify bone tumors. Age, Genetic, Obesity, Alcohol, Drugs, Lead Toxicity  
 b. What are the predisposing factors for the development of osteoarthritis?
  - Acute Arthritis
  - Hyperplastic Cell
  - Deposit in the Synovium (2)
5. a. Write a note on Tetralogy of Fallot. Aging, Genetic factors, DM, obesity, mechanical stress, joint disease  
 b. Describe morphology of Osteosarcoma. Hemochromatosis (2)
  - Hemochromatosis (3)

## etiology

- 1- overproduction of uric acid
- 2- Primary gout (90%) idiopathic
- 3- Secondary (10%)
  - Excessive cell break down as in leukemia
  - Renal disease
  - Lesch Nyhan Syndrome

- gritty, gray white
- hemorrhage
- cystic degeneration
- hyperchromatic Nuclei
- Neoplastic bone has a lace like appearance

## Morphological Manifestation

- ① Acute arthritis
- ② Chronic tophaceous arthritis
- ③ Tophi
- ④ Gouty nephropathy

- gritty grey white in appearance
- hemorrhage
- cystic degeneration
- hyperchromatic