Prof 2016

(8)

multinodal masses
unifocal mass
infiltrating tumor
Snake like long and highly anaplastic

THE SUPERIOR COLLEGE, LAHORE

3rd PROFESSIONAL MBBS

ANNUAL EXAMINATION 2016

Pathology

(SEQs)

Roll No. 13135

Time Allowed: 2 hours

Total Marks: 75

Q2

Instructions

1. The SEQ's part is to be submitted within 2 hours, extra time will not be given.
2. Neat hand writing, use of margin and marker for headlines will increase the presentation of your paper.
3. Do not write your name or disclose your identity in anyway.

(1) Screening tests could be done in form of CT / MRI / X Ray
(2) Levels of alpha Fetoprotein may be raised.

Q.1- a) Give the histologic classification of malignant epithelial lung tumors. 714 (2)

b) Describe morphology & clinical course of adenocarcinoma of lung. (3)

Q.2- Describe the pathogenesis & lab findings of hepatocellular carcinoma. Labs include? (2+3)

Chronic liver injury, Alcohol, Hep B, Hep C are causes of HCC. Mutations in P53 and B-catenin are main. Other include Aflatoxin. Pathway and IL6

CS

Q.3- Write down etiology, pathogenesis, morphology & lab findings of infective endocarditis. 559 (1+1+1+2)

Q.4- A middle aged woman presented with shortness of breath. She has decreased breath sounds & hyper resonant lung fields. Her X-Ray chest revealed increased lucency in all lung fields.

a) What is the most likely diagnosis? Emphysema (1)

b) Describe pathogenesis & morphology of this disease. 675 (2+2)

Other, Dyspnea, cough, Barrel chest, Pursed lips, Pink Puffers

Q.5- Write short notes on following:

a) Sarcoidosis. 693 (Systemic granulomatous disease may involve diff. tissues.) • Non Necrotizing granulomas (3)

b) Nosocomial pneumonia. (Hospital acquired) 707 (2)

[Staph A, Staph. P.] Pseudomonas, Enterobacteriaceae

• Schaumann bodies
• asteroid bodies
• longest lymph node common sites

Q.6- Discuss the significance of liver function tests in acute viral hepatitis. (5)

Q.7- Write down various risk factors, pathogenic mechanisms & clinical features of gall stones. (1+2+2)

Q.8- Enlist major primary glomerulonephritides. Explain pathogenesis, & microscopic findings of chronic glomerulonephritis. 900 925 (1+2+2)

Q.9- Classify testicular tumors. Write pathogenesis & morphological features of seminoma. 975, 976 (1+2+2)

Q.10- Write down etiology, morphology & grading/ staging of adenocarcinoma prostate. 983 (1+2+2)

Gritty/ Firm, well defined, • Perineural Invasion, • α-methyl coenz

Q.11- Write down pathogenesis & clinical findings of ulcerative colitis. 800 (3+2)

Q.12- Describe etiology, pathogenesis & morphology of acute proliferative glomerulonephtitis. 909 (1+2+2)

molecular classification 1055 + Pics

Q.13- Classify breast tumours. Describe morphology of infiltrating ductal carcinoma breast. 1062 (2+3)

→ AMACR Precursor lesion are Prostatic Intraepithelial Neoplasia

Q.14- Write down comparison between squamous cell carcinoma & basal cell carcinoma in tabulated form. (5)

Q.15- Classify bone tumors. Write down pathogenesis & morphology of osteosarcoma. (1+2+2)

1197 1198 1199

Morphology of Infiltrating Ductal Carcinoma of