

[LG 115]

APRIL 2015

Sub. Code: 2012

M.D. DEGREE EXAMINATION
BRANCH III – PATHOLOGY
PAPER III – SYSTEMIC PATHOLOGY
Q.P. Code :202012

Time : 3 Hours

Maximum : 100 Marks

I. Essay:

(2 x 10 = 20)

1. Discuss the clinicopathologic features of prognostic importance in ovarian surface epithelial tumors.
2. Discuss about differential diagnosis and lab diagnosis of small round cell tumors of the bone.

II. Write short notes on:

(8 x 5 = 40)

1. Etiopathogenesis of rheumatoid arthritis.
2. Gliomesenchymal tumors.
3. Role of histochemistry in muscle biopsy interpretation.
4. Asbestos related neoplasia.
5. Pheochromocytoma.
6. Cutaneous lymphoproliferative disorders.
7. Premalignant conditions of breast.
8. Metaplastic lesions of urinary bladder.

III. Reasoning Out:

(4 x 5 = 20)

1. 28 year old female presented with bleeding PV after a month following evacuation of molar pregnancy and serum B HCG titer was 100000 IU / ml
 - A. What is your diagnosis?
 - B. What is the morphology of this condition?
 - C. What are the complications?
2. 70 year old male presented with dysuria, hematuria and palpable hard nodule per rectum. Serum PSA was 100 ng / dl.
 - A. What is your diagnosis?
 - B. What are the morphologic variants of this condition?
 - C. How will you do follow up of the case?

3. 25 year old male presented with recurrent hemoptysis and hematuria, proteinuria, edema, hypertension and azotemia.
 - A. What is your diagnosis?
 - B. What is the morphology of this condition?
 - C. What is the pathogenesis?
4. 40 year old male presented with multiple Erythematous Tense Bullae which do not rupture easily
 - A. What is your diagnosis?
 - B. What is the morphology of this condition?
 - C. What is the differential diagnosis?

IV. Very Short Answers:

(10 x 2 = 20)

1. Interface hepatitis.
2. Medullary sponge kidney.
3. IHC markers of dysgerminoma.
4. Crooke hyaline change.
5. Garre's osteomyelitis.
6. Molecular genetics of meningioma.
7. Tau protein.
8. Lambertton Eaton Myasthenic syndrome.
9. PTEN and endometrial diseases.
10. Pancreatoblastoma.
