

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

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 15 = 30)

1. Classify Pigmented Lesions of Skin. Discuss in detail the morphologic spectrum, molecular changes in pigmented Neoplasms of Skin and the prognostic factors. Add a note on Pre malignant pigmented lesions.
2. WHO classification of Lung Neoplasms. Discuss about the etiopathogenesis, morphology and molecular diagnosis of Lung Carcinomas.

II. Write Short Notes on: (10 x 5 = 50)

1. Serrated lesions of Colorectum.
2. Role of HPV in Head and Neck Cancers.
3. Mimickers of Prostatic carcinoma.
4. Cystic lesions of Bone.
5. Restrictive cardiomyopathy.
6. Metaplastic carcinoma of Breast.
7. Demonstration of Mucin in Gastro-intestinal pathology.
8. Prognostic markers in Hepatocellular carcinoma.
9. Follicular thyroid Neoplasms.
10. Odontogenic Tumors.

III. Reasoning Out: (4 x 5 = 20)

1. 45 / M presented with repeated attacks of bloody diarrhea, with stingy mucus and the patient also had skin lesions, uveitis and polyarthritis.
 - a) What is your diagnosis?
 - b) What is the morphology of Colonic mucosal biopsy?
 - c) What is the differential diagnosis?
 - d) What are the complications?

2. 50 /M alcoholic presented with acute abdominal pain which was radiating to upper back and shoulder, Serum Enzyme study was done to clinch the diagnosis.
 - a) What is your diagnosis?
 - b) What is the morphology?
 - c) What are the complications?
 - d) What are the lab findings?

3. 35 /M who has history of paan chewing since adolescent age developed white plaque like lesion in the oral cavity.
 - a) What is your diagnosis?
 - b) What are the differential diagnosis? And how will you distinguish it from your differential diagnosis?
 - c) What is the risk of Malignancy?
 - d) What are the Histopathologic findings of the lesion?

4. 55 / F presented with right knee pain and imaging of right knee revealed degeneration changes.
 - a) What is your diagnosis?
 - b) What is the differential diagnosis?
 - c) Whether other bones also affected?

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