

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

[MD 0723]

**JULY 2023
(MAY 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. Discuss classification of Carcinoma of Breast, discuss the epidemiology, pathogenesis, prognostic and predictive factors of Carcinoma of Breast.
2. Role of IHC in diagnosis of Soft Tissue Sarcomas.

II. Write short notes on: (10 x 5 = 50)

1. Shock lung.
2. Chordoma.
3. Splenic lymphoma.
4. Krukenberg tumor.
5. Clear cell sarcoma of kidney.
6. Budd Chiari syndrome.
7. Glomeruloid hemangioma.
8. Hypertrophic cardiomyopathy.
9. Cardiac myxoma.
10. Synovial biopsy.

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

1. A 16-years-old male comes to OPD with high fever and bilateral testicular swelling for 2 days. On enquiry, there is H/O fever and bilateral parotitis one week back.
 - a) What is your provisional diagnosis?
 - b) How can you confirm your diagnosis?

2. Female aged 33 years is admitted into emergency ward for frequent bouts of bloody diarrhoea with tenesmus and toxic features. H/o similar attacks twice during last one year are reported.
 - a) What are the possible causes?
 - b) How will you confirm your diagnosis?

3. A 32-year female complains of intermittent attacks of diarrhea, cyanosis and flushing for 4 years along with repeated attacks of bronchoconstriction. She also admits of dry cough and occasional haemoptysis for same duration. Chest X-ray shows a small circumscribed nodule in the left lung.
 - a) What is the most possible diagnosis?
 - b) How will you proceed for confirmation of your diagnosis?

4. A 68-year male, smoker, presented with breathlessness, cough and chest pain for 2 months. O/E: Ptosis with puffy face, swelling and congestion of upper part of chest and neck, hoarseness of voice, clubbing along with tender swelling of right wrist joint.
 - a) What is the most likely diagnosis?
 - b) How can you explain all the features?
 - c) What are other causes and how will you proceed for diagnosis?

[MD 0723]