



Department of Pathology

Azra Naheed Medical College
Modular Test-2, 11 June 2021
MBBS 3rd Year (SEO)
(Haematology & Neoplasia)

Time Allowed: 45 min

Total Marks: 25

Name: _____

Roll No: _____

Date: _____

Instructions:

1. All subjective questions are to be attempted on the paper and returned to the invigilator within specified time after you have received the question paper.
2. Neat hand writing and use of margins will increase the outlook and presentation of your paper.

~~Attempt all Questions. Each Question carries 5 marks.~~

1. A 40 year old male presents in the urology outdoor with symptoms of hematuria and dysuria. The doctor plans cystoscopy after complete general physical evaluation.

- a. Enumerate environmental factors leading to carcinoma?(2.5)
- b. Name the carcinogen responsible for hepatocellular carcinoma?(2.5) *Virngl*

2. What are paraneoplastic syndromes, explain with examples? (5)

1. A 55 year female had multiple right sided axillary swellings. General physical examination shows a hard solid lump in her right breast.

- a. What is your provisional diagnosis?(1)
- b. Explain different pathways of metastasis?(4)

A 45 years woman in the immediate post-partum period, presents shortness of breath with deep cyanosis. Cardiovascular shock followed rapidly by clonic-tonic convulsions and profound coma and death. What is the diagnosis (1)

What are other types (4)

50yrs female patient presented to emergency department 3 days after a vaginal delivery at home by a husband. Since then she has fever which has increased to high grade fever with fits. She also has shortness of breath

On examination: Tender abdomen, lower abdominal swelling, pale cold skin

Vitals: Temp: 103, Pulse 130/min, Bp: 90/60mmHg

Investigations show:

- Hb: 7g/dl
- Wbc: 40×10^9 mm³
- Platelets: 50000/mm³
- C-reactive protein high
- D-dimer High

Blood culture report shows gram negative bacteria

- What is the diagnosis (1) *Septic*
- What is the pathophysiology (4)