

Date: 21-01-2022

0422 E493

Second Year MBBS Examination

II MBBS Pathology Paper 2

Time: 3 hours

Max Marks: 100

Instructions:

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Structured Long Question
(Any 1 out of 2) (10)

a) Define Peptic Ulcer, Discuss aetio-pathogenesis and pathology of Chronic

Peptic Ulcer.

(2+3+5)

b) Discuss the aetio-pathogenesis, morphology and complications of infective endocarditis **(3+3+4)**

2. Case based scenario/Applied short Notes (Any 2 out of 3)

a) A 30 year old male developed sudden onset of fever with chills. On examination, the physician detected cardiac murmurs. His blood culture was positive for gram positive organisms. He had a past history of pharyngitis followed by carditis, when he was 5 years old. a) What is your diagnosis? b) What is the aetiopathogenesis of this condition? c) Describe the morphology of the disease. (12)

b) Serological markers for hepatitis-B viral hepatitis

c) What are the causes of infertility in females?

3. Write short notes (Any 3 out of 4) (18)

- a) Endometriosis**
- b) Seminoma**
- c) Paget's disease of the nipple**
- d) Liver function test**

4. Answer only in 2-3 sentences (Any 5 out of 6) (10)

- a) What is Rodent ulcer?**
- b) Enzyme markers for myocardial infarction**
- c) What are Bence-Jones proteins?**
- d) Mention differences between complete mole and partial mole**
- e) Leukoplakia of oral cavity**
- f) Lab investigations in Chronic renal failure.**

Section 2

5. Structured Long Question

(Any 1 out 2) (10)

- a) Enumerate various physical and biochemical tests of CSF & discuss their role in Tuberculous meningitis. (2+2+6)
- b) Define infertility, Enumerate causes of male infertility. Discuss the significance of semen analysis in diagnosing male infertility. (2+3+5)

6. Case based scenario/Applied short notes (Any 2 out of 3)

- a) What is exfoliative cytology? (12)
Discuss the role of PAP smear test in screening Cervical cancer.
- b) Write clinical features and complications of acute viral hepatitis.
- c) Enumerate the differences between nephritic and nephrotic syndrome.

7. Write short notes (Any 3 out of 4) (18)

- a) Barrett's esophagus.**
- b) Wilms tumor.**
- c) Hashimoto's thyroiditis.**
- d) Types of leiomyomas.**

8. Answer only in 2-3 sentences (Any 5 out of 6) (10)

- a) Name two diseases associated with α -1-antitrypsin deficiency.**
- b) Mention three pre-malignant lesions of skin.**
- c) Differences between lobar pneumonia and bronchopneumonia.**
- d) Differences between typhoid ulcer and tuberculoid ulcer-**
- e) List out four complications of Diabetes Mellitus.**
- f) What is Sequestrum?**

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