

[LG 113]

APRIL 2015

Sub. Code: 2010

**M.D. DEGREE EXAMINATION**

**BRANCH III – PATHOLOGY**

**PAPER I – GENERAL MEDICAL AND SURGICAL PATHOLOGY  
INCLUDING APPLIED ASPECTS IN PATHOLOGY**

*Q.P. Code :202010*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Essay:**

**(2 x 10 = 20)**

1. Etiologic classification of jaundice. Describe the lab tests done in the evaluation of jaundice.
2. What are the causes of cardiomyopathy? Describe the etiopathogenesis and morphology of various types of cardiomyopathy.

**II. Write short notes on:**

**(8 x 5 = 40)**

1. H. Pylori in gastro duodenal disease.
2. Macrophages in health and disease.
3. Acute renal failure.
4. Perinatal autopsy.
5. Biological waste disposal and its significance.
6. Ethical aspects in pathology.
7. Current concepts of obesity.
8. Chemokines.

**III. Reasoning Out:**

**(4 x 5 = 20)**

1. 35 / M was brought to ICU with core body temperature of 42 degree Celsius,
  - A. What are the clinical features?
  - B. What is the pathogenesis?
2. 45 / M was complaining of chest pain for 30 minutes and was not relieved by rest.
  - A. What is your diagnosis?
  - B. What is the pathogenesis and clinical course?

3. 40 / M who was a sand miner by occupation developed cough and breathlessness for 2 months.
  - A. What is your probable diagnosis?
  - B. What is the pathogenesis?
  - C. What is the morphology?
4. 35 / F was on intrauterine device and was forgotten for 10 years . She was complaining of foul smelling vaginal discharge.
  - A. What are the complications?
  - B. What are the common organisms?

**IV. Very Short Answers:**

**(10 x 2 = 20)**

1. Cystic neoplasms in pancreas.
2. Serrated adenoma.
3. Struvite stone.
4. Durck granuloma.
5. Lardaceous spleen.
6. Argentaffin reaction.
7. Formalin pigment.
8. Museum mounting fluid.
9. Trace elements and their deficiency states.
10. Proteases in tumor cell invasion.

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