

**Time: Three Hours**

**Max. Marks: 100 Marks**

**PATHOLOGY - PAPER – II (RS2 & RS3)**

**QP Code: 1082**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. 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.
  - d) Enumerate the complications associated with this condition.
2. Define diabetes mellitus. Discuss the types, pathogenesis and pathology of diabetes mellitus.

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Cirrhosis of liver.
4. Compare (in a tabular format) ulcerative colitis and Crohn's disease
5. Malignant melanoma
6. Osteosarcoma
7. Paget's disease of bone
8. Classification of ovarian tumors
9. Renal cell carcinoma
10. Emphysema
11. Hashimoto's thyroiditis
12. Pathogenesis of acute pancreatitis

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Morphology of bronchiectasis
14. Fibroadenoma
15. Precancerous lesions of esophagus
16. Types of meningioma
17. Causes of lymphadenitis.
18. Benign prostate nodular hyperplasia
19. Warthin's tumor
20. Hydronephrosis
21. Classify Hodgkin's lymphoma. Name the characteristic neoplastic cells seen in this condition.
22. Enumerate the risk factors of atherosclerosis.

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