

**Q.P. CODE: 9181**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY****2 X 20 = 40 Marks**

1. Outline the uric acid pool mentioning the factors relating to crystal formation and tissue concentration at any onetime.  
Enumerate factors predisposing to hyperuricemia and gout and describe its long - term management
2. Describe the embryology of the heart and the anatomical basis of development of Ebstein's anomaly

**SHORT ESSAY****6 X 10 = 60 Marks**

3. Peripartum thyroiditis
4. Modes of action and side effects of anticonvulsants
5. Genetic counseling
6. Inheritance of hereditary spherocytosis and its pathogenesis at the molecular level
7. Gastric decontamination procedures in the management of acute poisoning
8. Ethical issues in the aged with respect to self determination and decision making in therapeutic options

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