

AQ-917

**M.Sc. (Part—I) Semester—II (CBCS Scheme)
Examination**

**BIOCHEMISTRY
(Clinical Biochemistry)**

Paper—V

Time : Three Hours]

[Maximum Marks : 80

Note :— ALL questions are compulsory and carry equal marks.

1. (a) Discuss in detail Malabsorption Syndrome. 8
- (b) Discuss Pancreatic diseases. 8

OR

- (p) Explain Peptic ulcers. 8
- (q) What is Steatorrhoea ? 8
2. (a) Discuss in detail blood coagulation mechanism. 16

OR

- (b) Describe in detail Urine analysis and Faecal analysis. Enlist some tests. 16
3. Describe in brief :
 - (a) Role of isoenzymes in health and disease. 6
 - (b) Jaundice. 5

- (c) Renal Function Tests. 5

OR

- (p) Diagnosis by enzymatic assay method. 6

- (q) Fatty liver. 5

- (r) Renal disorders. 5

4. Discuss the following :

- (a) Polymorphism. 6

- (b) Human genome. 5

- (c) Genetic heterogeneity. 5

OR

- (p) Chromosomal disorder. 6

- (q) Autosomal recessive X-linked diseases. 5

- (r) Allelic heterogeneity. 5

5. (a) Discuss in detail mechanism and treatment of gout. 16

OR

- (b) Describe in detail metabolic disorders. 16