

[KX 803]

SEPTEMBER 2010

Sub. Code: 3803

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION
(Regulations 2008-2009)

(Candidates admitted from 2008-2009 onwards)

FIRST YEAR

PAPER III – MEDICINAL BIOCHEMISTRY

Q.P. Code: 383803

Time: Three Hours

Maximum: 70 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe the reaction, regulation and metabolic significance of citric acid cycle.
2. Discuss in detail about the metabolism of Cholesterol.

II. Write notes on:

(6 x 5 = 30)

1. Cyclic AMP and their biological significance.
2. Anaerobic dehydrogenases involved in biological oxidation.
3. Therapeutic and diagnostic applications of Coenzyme A.
4. Metabolic disorders of Amino acids.
5. DNA replication.
6. Kidney Function Tests.
