

APRIL 2011

[KY 1507]

Sub. Code: 3009

DIPLOMA IN CLINICAL PATHOLOGY (DCP)

EXAMINATION

BIOCHEMISTRY AND MICROBIOLOGY

Q.P. Code : 343009

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

(Answer Section A & B Separately)

SECTION A

(BIOCHEMISTRY)

I. Elaborate on :

1. Describe in detail how ammonia is detoxified in liver. Add a note on hyperammonemias.

Pages (Max.)	Time (Max.)	Marks (Max.)
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11	35	15
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II. Write notes on :

1. Urinary Buffers.
2. Galactose metabolism.
3. Fatty liver.
4. Gout.
5. Electrophoresis.

4	10	7
4	10	7
4	10	7
4	10	7
4	10	7

SECTION B

(MICROBIOLOGY)

III. Elaborate on :

1. Enlist the sexually transmitted diseases. Write in detail the morphology, pathogenesis and lab diagnosis of HIV.

11	35	15
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IV. Write notes on :

1. Taenia solium.
2. Dermatophytosis.
3. Lab diagnosis of leptospirosis.
4. Complement fixation test.
5. Biomedical waste management.

4	10	7
4	10	7
4	10	7
4	10	7
4	10	7
