



RE-1507-08
First Year D. Pharm. Examination
April / May – 2010
Biochemistry & Clinical Pathology

Time : 3 Hours]

[Total Marks : 80

RE-1507

Instructions :

(1)

<p>नीचे दृशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : F. Y. D. PHARM.</p> <p>Name of the Subject : BIOCHEMISTRY & CLINICAL PATHOLOGY</p> <p>Subject Code No. : 1 5 0 7 Section No. (1, 2,.....): 1</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; height: 60px; display: flex; align-items: center; justify-content: center; margin-top: 10px;">Student's Signature</div>
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- (2) Answer each section in a separate answer book.
 - (3) Tie and submit each section separately.
 - (4) Attempt any four questions from each section.
 - (5) Each question carries 10 marks.
 - (6) Figure to the right indicate marks.
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- 1 Write in detail on fatty acid oxidation.
 - 2 Write a short note on protein biosynthesis.
 - 3 Define and classify amino acids with structures
 - 4 Explain the terms rancidity, iodine value, saponification value and acid value with example.
 - 5 Give an account on biosynthesis of cholesterol.
 - 6 Give structure and functions of fat soluble vitamins.

RE-1508

Instructions :

(1)

नीचे दशांशों में निशानीवाणी विगतो उत्तरवही पर अवश्य लिखनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
F. Y. D. PHARM.

Name of the Subject :
BIOCHEMISTRY & CLINICAL PATHOLOGY

Subject Code No. : 1 5 0 8 Section No. (1, 2,.....) : 2

Seat No. :

Student's Signature

- (2) Answer each section in a separate answer book.
 - (3) Tie and submit each section separately.
 - (4) Attempt any four questions from each section.
 - (5) Each question carries 10 marks.
 - (6) Figure to the right indicate marks.
- 1 Define coenzyme and give the factors affecting enzyme action.
 - 2 Describe important aspects of cholesterol synthesis and metabolism.
 - 3 Write in short on Iron.
 - 4 (a) Justify "Vitamin D is hormone, not a vitamin".
(b) Write a short note on pyridoxine.
 - 5 Write a short note on Glycolysis.
 - 6 Describe in short pathophysiology of a few infective disorders.