

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – SEPTEMBER 2015

Time: 3 Hours

Max. Marks: 30 Marks

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Biochemistry

Q.P. Code: 1756

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

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Describe sources, RDA, biochemistry, functions and deficiency manifestation of vitamin D.
2. Enumerate the reactions of Glycolysis. Add a note on its energetics.

SHORT ESSAYS (Answer any Two)

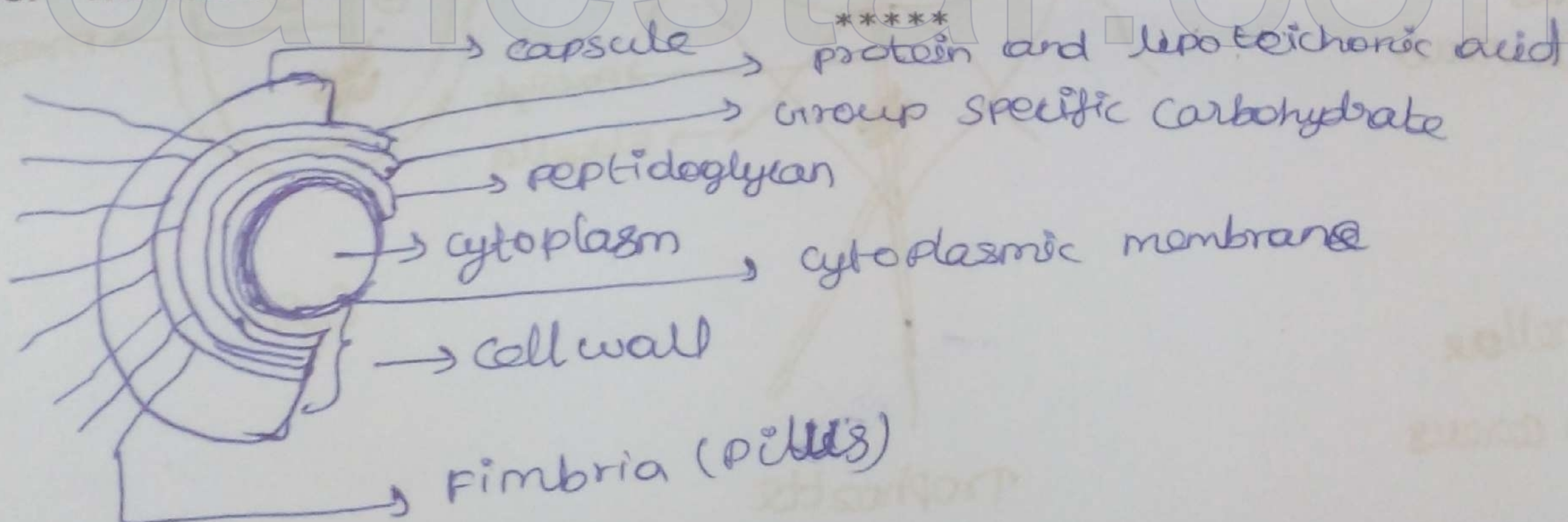
2 x 5 = 10 Marks

3. Polysaccharides
4. Renal regulations of blood pH
5. Define and classify lipoproteins. Mention their significance.

SHORT ANSWERS

5 x 2 = 10 Marks

6. Benedict's test
7. Name the Ketone bodies. - acetone, acetoacetic acid, β -hydroxybutyric acid
8. Pellagra
9. Name bile salts and its role in digestion.
10. Normal serum level of Sodium and Total Cholesterol



Antigen Structure of Streptococcus pyogenes

Jesus Never Fails me