



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examination (December 2019)

School: School of Engineering

Program: B.Tech Biotechnology (Medical)

Course: Clinical Biochemistry

Course Code: BTE306

Semester: V

Max Marks : 40

Duration (mins): 90

Answer any FIVE questions. (Each carries 8 Marks)

[40]

Q1. What is Glucose tolerance test? How does it help in detection of diabetes?

Q2. What is liver function test? How does it help in detection of liver ailments?

Q3. What are inherited genetic disorders? Explain the methods to detect genetic disorder in fetus.

Q4. What is BMR? What is Protein Energy Malnutrition? Discuss in details.

Q5. Explain the blood clotting factors and role of vitamin K in coagulation.

Q6. Why do the doctors advise vitamin D3 blood test? Discuss its role in human physiology.

Q7. Describe in details the role of folic acid in humans.

Q8. Discuss the deficiency of following vitamins – B12 & Vitamin A.