

Atal Behari Vajpayee Medical University
Post Basic Nursing 1st Year
PAPER 3 – BIOCHEMISTRY & BIOPHYSICS
Paper code: 2211100203

Time allotted 3 hours

Max marks 75

Note: All questions are to be answered
Be to the point
No second copy shall be provided

Q. 1 Write long answers on: (2 + 3 + 15 = 20 marks)

- a) Glycolysis
- b) Importance of Glycolysis
- c) Explain in detail about steps of glycolysis

Q. 2 Write briefly about: (7 marks each = 35 marks)

- a) Phospholipids and its functions
- b) Essential amino acids
- c) Urea cycle
- d) Electrocardiogram (ECG)
- e) Difference between light waves and sound waves

Q. 3 Write short answers on: (4 marks each = 20 marks)

- a) Convert 98.4 degrees Fahrenheit to Celsius
- b) Radioactive pollution and health
- c) Presbyopia
- d) Ribosomes
- e) Transamination and deamination

10th March 2022