**TUTOR AYO**

**NCS223**

**TMA SOLUTION FOR EXAM STUDY**

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1. The molar concentration of HPO23- in 50 mM phosphate buffer o pH 65 given the pka of phosphate is 68

Ans. 333

1. Glycolysis and pentose phosphate pathway forms which of the following metabolic intermediates of sugars in the pathway?

Ans. All of the above

1. Sperm cells have a lifespan of about……………..,

Ans. 3 days

1. Techniques of protein purification based on size and charge

Ans. Polyacrylamide gel electrophoresis

1. Cell was accidentally discovered in 1665 by ………………….,

Ans. Robert hooke

1. Carboxylic acid derivatives of glucose include which of the following:

Ans. All of the above

1. Which of the following is not an example of RNA

Ans. MiRNA

1. the chemical structure of amino acid consist of the following

Ans. All of the about

1. amino acids are linked by

Ans. Peptide bonds

1. Techniques of protein purification based on affinity of the protein for its substrate

Ans. Affinity chromatography