

Biyani girls colleges

M.Sc. previous chemistry

General biology (2015-2016)

Time:3hr

Max marks: 25

Question one is compulsory. Attempt any five question.

1. Write answer in one or two line
 - a) Write polysaccharide examples.
 - b) Which mode of replication present in eukaryotes?
 - c) What is genetic code?
 - d) Which organell known as power house of cell?
 - e) Where krebs cycle occur?
(1/2x5)
2. Fill in the blank
 - a) Three stop codon name—
 - b) — Factor recognize promoter region.
 - c) Hydrolytic enzyme present in—
 - d) Hemoglobin is example of—
 - e) Genetic code discovered by
(1/2x5)
3. Write short notes on any two-
 - a) Genetic code b) Lipoprotein c) Protein sequencing
(2.5x2)
4. Explain DNA replication in prokaryotes.
(5)
5. Explain following
 - a) Beta oxidation b) lysosome
(2.5x2)
6. Explain post transcriptional process of m RNA.
(5)