

149-NR

M.D. DEGREE EXAMINATION – APRIL, 2014

BIOCHEMISTRY

Paper-II : Chemistry and Metabolism.

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) What is substrate level Phosphorylation? Give one example.
- 2) Classification and characteristics of lipoproteins.
- 3) Pasteur effect.
- 4) Describe the biochemical basis and control of atherosclerosis.
- 5) Discuss biochemistry of ageing.
- 6) Describe by flow diagram the reactions of glycolysis giving names of enzymes involved.
- 7) Importance of SDA of food.
- 8) Digestion and absorption of lipids.
- 9) Metabolic changes after 24 hours of starvation.
- 10) Alcohol metabolism.

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