



GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI
(An Autonomous Institute of Govt. Of Maharashtra)

Department of Physics
Class Test 2 (Sem I 2016-17)

Course: Living System (SHU 104)
Time: 40 Min

09 Nov 2016
Max. Marks: 08

Solve the following questions (02 marks each)

- Explain glycolysis on of the major step of carbohydrate metabolism.
- Discuss in detail Watson and crick model of DNA.
- Draw well labelled diagram of Mitochondria
- Discuss in detail fluid mosaic model of plasma membrane.

OR

- Write a comment on Structure of Eye



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B.TECH. FIRST YEAR

Living Science

CLASS TEST-II

SHU-104

Marks -08

Time: - 1 Hrs.

Q1-Write a short note on

- a) Structure of Human Eye.
- b) Glycolysis.
- c) Cerebrum.

(2 marks each)

Q2-Explain Osmosis.

OR

Q2-Discuss in short weak bonds in Biological system.

(2 marks)



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Time: 1 Hr

March 2017
Max. Marks: 08

Solve the following questions (02 marks each)

- a) Define mutation with characters of mutant
- b) Comment on vector plasmid
- c) Explain the auditory pathway
- d) Write about stem cells

OR

- d) Explain central dogma of protein synthesis