

B. Tech. Sem – III (Biomedical Engg.) (2014 COURSE) (CBCS) :
WINTER - 2018
SUBJECT: HUMAN BIOLOGY

Day: Monday
Date: 03/12/2018

Time: 10.00 AM TO 01.00 PM
Max. Marks: 60

W-2018-2322

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

Q.1 What is cell? Draw the diagram of cell and explain its parts. (10)

OR

What is axial skeleton? Write names of the bones of axial skeleton. Give the importance of upper and lower extremity bones. (10)

Q.2 Enlist the parts of excretory system. Draw the neat diagram of excretory system and explain. (10)

OR

Describe in detail conduction system of the heart. (10)

Q.3 Write a note on: (10)
i) Cerebellum ii) Tongue

OR

Explain the anatomy of ear with labeled diagram. (10)

Q.4 Give details of blood composition and blood groups. (10)

OR

Discuss the physiology of respiration. (10)

Q.5 Describe urine formation and functions of kidney. (10)

OR

Explain the physiology of gastrointestinal system in detail. (10)

Q.6 Discuss the functions of inner ear and its importance. (10)

OR

What are the parts of skin? Give functions of each in detail. (10)

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