

B. TECH. SEM – III (BIOMEDICAL ENGG.) (2014 COURSE)

(CBCS) : SUMMER - 2018

SUBJECT: HUMAN BIOLOGY

Day: **Friday**
Date: **25/05/2018**

S-2018-2266

Time: **02.30 PM TO 05.30 PM**
Max. Marks: 60

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw the diagrams **WHEREVER** necessary.

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- Q.1** a) Name the bones of axial skeleton. (05)
b) What is a Connective tissue? Write its different types with example. (05)

OR

- Q.1** a) Write a note on Nucleus of a cell. (05)
b) Write the names of the bones of upper extremity. (05)

- Q.2** a) Write a note on ovary. (05)
b) What is nephron? Explain role of nephron in excretory system. (05)

OR

- Q.2** Draw a diagram of Gastrointestinal system and explain the function of each part. (10)

- Q.3** What are the different parts of brain? Explain each part with functions. (10)

OR

- Q.3** Explain parts of ear with relevant labeled diagram. (10)

- Q.4** Define blood pressure. Describe the sphygmomanometer method used for B.P. monitoring. (10)

OR

- Q.4** Explain in detail physiology of respiration. (10)

- Q.5** Explain pituitary gland and suprarenal gland. (05)

OR

- Q.5** Draw the diagram of excretory system and functioning of urinary bladder. (10)

- Q.6** Differentiate between myopia and hypermetropia with neat diagram. (10)

OR

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

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