

B.TECH SEM - III (2007 COURSE) (BIOMEDICAL ENGG.) :

SUMMER - 2018

SUBJECT: HUMAN BIOLOGY

Day: **Wednesday**
Date: **23/05/2018**

S-2018-2593

Time: **02.30 PM TO 05.30 PM**
Max Marks: 80

N.B:

- 1) Question No. 1 and 5 are **COMPULSORY**. Out of remaining attempt any **TWO** questions from each section.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Both the sections should be written in **SEPARATE** answer book.
 - 4) Draw neat and labeled diagram **WHEREVER** necessary.
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SECTION-I

- Q.1** a) Write a note on middle ear. (05)
b) Explain with diagram different parts of respiratory system. (05)
c) Write a note on functions of tongue. (04)
- Q.2** a) Write the names of bones of lower extremity. (07)
b) What are the six parts of the body? (06)
- Q.3** a) Write a note on testes. (06)
b) Write a note on large intestine. (07)
- Q.4** a) Draw the diagram of spinal cord & explain each part? (07)
b) Write Anatomy of cerebrum. (06)

SECTION-II

- Q.5** a) Functions of pleura. (05)
b) Mechanism of urine formation. (05)
c) Write note on brain stem. (04)
- Q.6** a) Explain the use of Spirometer with basic diagram. (07)
b) Explain physiology of nephron. (06)
- Q.7** a) Write short note on ECG. (07)
b) Explain the physiology of endocrine system. (06)
- Q.8** a) Functions of skin. (06)
b) Draw a labeled diagram of eyeball and explain about IRIS. (07)

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