

SE (Biomed) (III) May 07
Human Anatomy & Physiology

19/7/07

2599-07.

(REVISED COURSE)
(3 Hours)

ND-989

[Total Marks : 100]

1. Question No. 1 is **compulsory**.
2. Attempt any **four** questions out of the remaining **six** questions.
3. **Figures** to the **right** indicate **full** marks.
4. Illustrate with **sketches** wherever **required**.
5. Write **legibly**.

- Describe the special conducting tissues of the heart. 20
- Describe how the cardiac impulse spreads through the heart.
- How is the sound wave conducted in the ear? 20
- Describe the various types of blood cells and their functions. 20
- Describe the anatomy of the Liver and the functions of bile. 20
- What are the functions of ovaries and testicles. 20
- Describe the mechanism of the formation of urine. 20
- Write short notes on : 20
- a. C. S. F. (cerebro-spinal fluid)
 - b. Lens of the eye
 - c. Vital capacity.
