

No. 2686-09.

(REVISED COURSE)

VR-3345

(3 Hours)

[Total Marks : 100

B. : (1) Question No.1 is **compulsory**.(2) Attempt any **four** questions out of the remaining **six** questions.(3) Illustrate answers with **sketches** wherever **required**.

(a) What are the different types of tissues ? Give examples. 10

(b) Compare the voluntary muscle with cardiac muscle. 10

(a) Explain the cardiac cycle. Define stroke volume and cardiac output. 10

(b) Explain how to measure the Blood pressure. 10

(a) Describe the anatomy of the Small Intestine. What are the functions of the Pancreatic juice ? 10

(b) Write short notes on :- 10
(i) Functions of Liver
(ii) Peristalsis.

(a) Describe the anatomy and functions of kidney. 10

(b) Describe the formation of urine. 10

(a) Describe the various respiratory volumes and capacities. 10

(b) Explain how the gases are carried in the blood. 10

(a) Describe the ovarian cycle. 10

(b) Describe the ventricles of the Brain and circulation of cerebrospinal fluid. 10

Write short notes (any four) :-

(a) Functions of Skin 20

(b) Structure of Middle Ear

(c) Testosterone

(d) Placenta

(e) Rods and Cones.
