DMM-3087

Second Year B. Sc. (Sem. IV) Examination
March / April - 2016
Human Anatomy & Physiology : Paper - II

Time : 2 Hours] [Total Marks : 50

Instructions :
(1) Fill up strictly the details of signs on your answer book.
(2) Question No. 1 is compulsory.
(3) Figures to the right indicate full marks of the question.
(4) Draw labeled diagram wherever necessary.

1 Answer the following : 8
   (a) Enlist valves of heart.
   (b) Why Pancreas is also called exocrine and endocrine gland ?
   (c) Which is the largest part of brain ? Enlist the sulcus of it.
   (d) State functions of seminal vesicles.

2 Answer any two of the following : 14
   (a) Discuss the function of ovary and explain how the ovarian hormones play important role in development of secondary sexual growth?
   (b) Explain : Spleen as a lymphatic organ.
   (c) Describe the different types of cells which are present in alveoli and write its function.
3. Answer any two of the following:

(a) Explain: Histology of ovary.

(b) Discuss in detail hematopoiesis process.

(c) Justify: Membranous labyrinth is a site of hearing and maintain equilibrium.

4. Write short notes on any two of the following:

(a) Testis.

(b) Structure of eye.

(c) ECG.

(d) Thyroid Gland.