

F.Y.B.PHARM. SEMESTER-II (CBCS - 2015 COURSE) :

WINTER - 2017

SUBJECT: HUMAN ANATOMY & PHYSIOLOGY – II

Day : **Tuesday**
Date : **21/11/2017**

W-2017-3787

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 60

N.B.:

- 1) **Q.No.1 and Q.No.5 are COMPULSORY.** Out of the remaining questions attempt **ANY TWO** questions from each section.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Answer **ANY FIVE** of the following: [10]
- a) Define renal failure.
 - b) Enlist the renal function tests.
 - c) Define muscular dystrophy.
 - d) Enlist the functions of skin.
 - e) What is diabetes insipidus?
 - f) Enlist the functions of thyroid hormones.
 - g) Define Vertigo and tinnitus.
- Q.2** Explain in detail the anatomy of urinary system. Add a note on anatomy of nephron. [10]
- Q.3**
- a) Explain in detail the anatomy of eye. [06]
 - b) Write a brief note on pituitary gland. [04]
- Q.4** Write short notes on **ANY TWO** of the following: [10]
- a) Insulin
 - b) Mineralocorticoids
 - c) Physiology of Hearing

SECTION – II

- Q.5** Answer **ANY FIVE** of the following: [10]
- a) What are meninges?
 - b) What is reflex arc?
 - c) Draw a neat labeled diagram of brain.
 - d) What is the effect of parasympathetic stimulation on:
i) Eyes ii) various secretions
 - e) What is somatic nervous system?
 - f) What is function of FSH and LH?
 - g) What is menopause?
- Q.6** Enlist the organs of male reproductive system. Explain in detail structure and functions of testes. Add note on structure of sperm cell. [10]
- Q.7**
- a) Explain the structure and functions of cerebrum. [06]
 - b) What is oogenesis? [04]
- Q.8** Write short notes on **ANY TWO** of the following: [10]
- a) Spinal cord
 - b) Structure and functions of ovaries
 - c) Effect of exercise on muscles

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