

I - B.H.M.S. (2015 COURSE) : SUMMER - 2018

SUBJECT : PHYSIOLOGY – II

Day : **Monday**
Date : **06/08/2018**

Time : **10.00 A.M. TO 01.00 P.M.**
Max. Marks : 100

S-2018-3813

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.
- 4) Answers written in inappropriate sections will not be assessed.

SECTION – I

- Q.1** Answer in one or two sentences (**ANY FIVE**): **[10]**
- a) List the refractory errors.
 - b) List the hormones secreted by ovary.
 - c) Name diabetogenic hormones.
 - d) Components of reflex arc.
 - e) Anatomical classification of autonomic nervous system.
 - f) Hormones of adrenal cortex.
- Q.2** Write short notes on **ANY FOUR** of the following: **[20]**
- a) Pregnancy test.
 - b) Myxedema
 - c) Rods and cones
 - d) Knee reflex
 - e) Extra pyramidal tract.
- Q.3** Answer **ANY TWO** of the following: **[20]**
- a) Describe the hormones of posterior pituitary gland in detail.
 - b) Describe the menstrual cycle in detail.
 - c) Describe the structure and function of neuron in detail.

SECTION – II

- Q.4** Answer in one or two sentences (**ANY FIVE**): **[10]**
- a) Name two bile pigments.
 - b) Normal serum calcium level.
 - c) Hormones secreted by pancreas.
 - d) Function of intestinal juice.
 - e) What is a calorie?
 - f) List the water soluble vitamins.
- Q.5** Write short notes on **ANY FOUR** of the following: **[20]**
- a) Function of stomach.
 - b) Composition and function of pancreatic juice.
 - c) Basal metabolic rate.
 - d) Pellagra
 - e) Functions of liver.
- Q.6** Answer **ANY TWO** of the following: **[20]**
- a) Describe the enzymes in detail.
 - b) Describe the digestion and absorption of protein in detail.
 - c) Describe the hormones of gastrointestinal tract in detail.

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