

I - B.H.M.S. (2015 Course) : WINTER - 2018
SUBJECT : PHYSIOLOGY – II

Day : Tuesday
Date : 16/10/2018

W-2018-3981

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

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) Name hormones released by Posterior pituitary.
 - b) Enlist types of sleep.
 - c) What is normal sperm count?
 - d) What is colour blindness?
 - e) What is rickets?
 - f) What is menarche?
- Q.2** Write short notes on **ANY FOUR** of the following: [20]
- a) Pregnancy tests
 - b) Reflex action
 - c) Growth hormone
 - d) Functions of middle ear
 - e) Contraceptive measures
- Q.3** Answer **ANY TWO** of the following: [20]
- a) Describe structure and functions of synapse with neat labeled diagram.
 - b) Describe synthesis of thyroid hormone and explain action of thyroid hormone.
 - c) Describe female sex hormone in detail.

SECTION – II

- Q.4** Answer in one or two sentences (**ANY FIVE**): [10]
- a) What is Vitamin?
 - b) What is Polysaccharides?
 - c) Name different salivary glands.
 - d) Define Gluconeogenesis.
 - e) Define balanced diet.
 - f) Name various glands present in stomach mucosa.
- Q.5** Write short notes on **ANY FOUR** of the following: [20]
- a) Functions of bile
 - b) Scurvy
 - c) Functions of liver
 - d) Deglutition
 - e) Basal Metabolic Rate
- Q.6** Answer **ANY TWO** of the following: [20]
- a) Describe classification, digestion and absorption of carbohydrates in detail.
 - b) Describe fat soluble vitamins.
 - c) Describe movements of GIT.

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