

BACHELOR OF HOMOEOPATHIC MEDICINE & SURGERY (2015 COURSE)

First B.H.M.S. : WINTER :- 2021

SUBJECT: PHYSIOLOGY PAPER-II

Day : Tuesday

Date 1/2/2022

W-14271-2-2021

Time : 10:00 AM-01:00 PM

Max. Marks:- 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Answers to both the section should be written in **SEPARATE** answer book.

SECTION – I

- Q.1** Answer in one or two sentences: (ANY FIVE) [10]
- a) Hormones released by Anterior Pituitary.
 - b) Normal calcium count.
 - c) Ishihara Chart.
 - d) Types sleep.
 - e) Hormones of Thyroid Gland
 - f) Menopause
- Q.2** Write short notes on **ANY FOUR** of the following: [20]
- a) Progesterone
 - b) Pregnancy tests
 - c) Middle ear
 - d) Reflex arc
 - e) Endocrine functions of pancreas
- Q.3** Attempt **ANY TWO** of the following: [20]
- a) Explain menstrual cycle in detail.
 - b) Define and classify hormones. Add a note on its functions.
 - c) Describe synthesis of Anterior Pituitary Hormones.

SECTION – II

- Q.4** Answer in one or two sentences: (ANY FIVE) [10]
- a) Define Vitamins.
 - b) Obesity.
 - c) What are Isoenzymes?
 - d) Name GIT Hormones.
 - e) Define Gluconeogenesis.
 - f) Vitamin C.
- Q.5** Write short notes on **ANY FOUR** of the following: [20]
- a) Essential amino acids
 - b) Glycolysis
 - c) Pancreatic juice
 - d) Functions of bile
 - e) Water soluble vitamins
- Q.6** Attempt **ANY TWO** of the following: [20]
- a) Explain Balance Diet in detail.
 - b) Explain Digestion absorption and metabolism of carbohydrates.
 - c) Describe functions of large intestine and add a note on its applied physiology.

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