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DR BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE
Supplementary Examination-Supplementary Winter-2023
Date: 03.01.2024

Course

: B.Pharmacy

II

Subject Name: Human anatomy and physiology II

Sem:

Subject Code: BP201T

Max Marks : 75

Duration

:3Hr.

Instructions:

1. All questions are compulsory
2. Draw diagrams/figures wherever necessary
3. Figures to right indicate full marks

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1. Solve the following. (Answer all the questions)

(10 x 2) = 20

- i. Draw neat labeled diagram structures representing digestive system.
- ii. Define the term tidal volume and vital capacity?
- iii. Define the term Hyperchlorhydria and Peristalsis?
- iv. Draw well labeled diagram of Neuron.
- v. Define Diabetes mellitus and give its types.
- vi. Mention different types of meninges present in brain.
- vii. Enlist different phase's menstrual cycle.
- viii. Enlist the parts of Urinary system.
- ix. Mention different hormones released by Pituitary gland.
- x. Write the composition of gastric juice.

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(2 x 10) = 20

2. Long Answers (Answer 2 out of 3)

- i. Explain physiology of Urine formation with neat labeled diagram.
- ii. Discuss in detail male reproductive system and explain the process of spermatogenesis.
- iii. Explain the hormones released from pituitary gland with their role.

(7 x 5) = 35

3. Short Answers (Answer 7 out of 9)

- i. Explain the process chemical transmission of nerve impulses.
- ii. Explain the process of oogenesis.
- iii. Give the role of kidney in acid base balance.
- iv. Explain the process of absorption of food from small intestine.
- v. Explain the role of RAs in Kidney.
- vi. Explain what is BMR?
- vii. Explain Reflex action with neat labeled diagram.
- viii. Write the hormones released from pancreas and explain how they control blood glucose level.
- ix. What is Cardio Pulmonary Resuscitation? Why CPR is called as kiss of life?

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