

C.U.SHAH UNIVERSITY**Summer Examination-2018****Subject Name:** Human Anatomy and Physiology II - Theory**Subject Code:** BP201T**Branch:** B. Pharm**Semester:** 2**Date:** 23/04/2018**Time:** 10:30 To 01:30**Marks:** 75**Instructions:**

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-I Explain the following: (20)

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|-------------------------|----------------------------------------|
| a. Peristalsis movement | b. Sperm |
| c. Parturition | d. Write the name of stomach secretion |
| e. HCG | f. Write Function of Nose |
| g. Spinal cord | h. Cerebrospinal fluid |
| i. Uterus | j. Pancreatic Islets |

Q-II Attempt the following: (Any two) (20)

- a. Draw the label diagram of digestive system. Write physiology of stomach and small intestine and give the name of GI diseases. (10)
- b. Draw the label diagram of respiratory system. Write the physiology of respiration and give the name of respiratory diseases. (10)
- c. Give an Explain about spermatogenesis and Oogenesis in details (with flow chart) (10)

Q-III Attempt the following: (Any Seven) (35)

- a. Write the functions of cerebrum brain stem and cerebellum. (5)
- b. Give in details about menstrual cycle with its phases. (5)
- c. Give in details about thyroid gland and give the name of its disease (5)
- d. Draw labeled diagram of kidney and give in details about glomerular filtration. (5)
- e. Give in details about male reproductive system with labeled diagram. (5)
- f. Write in details about genetic pattern of inheritance. (5)
- g. Classification of hormones and give in details about oxytocin (5)
- h. Write the classification and properties of nerve fiber. (5)
- i. Draw labeled diagram of pituitary gland and give its functions. (5)

