

**U.G. 2nd Semester Examination - 2021****FOOD & NUTRITION****[HONOURS]****Course Code : F&N-H-CC-T-03**

Full Marks : 20

Time : 1 Hour

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***GROUP-A**1. Answer any **five** from the following questions:

1×5=5

- a) What is myxedema?
- b) Name the hormones secreted by adrenal glands.
- c) What is Sertoli cell?
- d) What is myelin sheath?
- e) Name two neurotransmitters.
- f) What is colour blindness?
- g) What do you mean by menarch?
- h) What is spermatid?

**GROUP-B**2. Answer any **one** from the following questions:

5×1=5

- a) Briefly describe the mechanism of dark adaptation. 5
- b) Describe briefly the role of thyroid hormone on metabolism. 5
- c) Describe the function of cerebellum in postural control of human body. 5

**GROUP-C**3. Answer any **one** from the following questions:

10×1=10

- a)
  - i) What is diabetes mellitus?
  - ii) Describe the role of glucagon in blood sugar regulation. 3+7=10
- b)
  - i) What is oogenesis?
  - ii) Describe the life cycle of a Graafian follicle with a diagram.
  - iii) What do you mean by LH surge? 2+5+3=10
- c) Discuss the mechanism of urine formation in human. 10