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(July)

ANATOMY & PHYSIOLOGY

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions

Answer **all** questions

Write the answers to the two Halves in separate books

FIRST HALF

1. Write an essay on liver with suitable diagram. 10
2. Describe the anatomy of female breast and mention its pathological conditions. 8 + 4 = 12
3. Write short notes on *any three* of the following: 5 × 3 = 15
 - a) Uterus
 - b) Histological structure of tongue
 - c) Skeletal muscle
 - d) Spleen
 - e) Thyroid gland

SECOND HALF

4. Fill in the blanks: 1 × 8 = 8
 - a) Glucose is normally in urine.
 - b) In allergic conditions eosinophil count in blood is
 - c) Pulse rate is in fever.
 - d) Deficiency of causes cretinism.
 - e) Ovulation occurs on the day in a 28 days menstrual cycle.
 - f) The normal GFR is per minute.
 - g) Systolic blood pressure is the pressure during systole.
 - h) Pepsinogen is present in the juice.

Turn Over

5. What is cardiac cycle? Describe the different events of cardiac cycle.

3 + 7 = 10

6. Write short notes on any four of the following:

5 × 4 = 20

- a) Haemoglobin
- b) Nephron
- c) Neuromuscular junction
- d) Reflex arc
- e) Gastric juice
