



- 2) Oxytocin is a hormone of -----.
- |                  |                    |
|------------------|--------------------|
| a) Thyroid gland | b) Pancreas        |
| c) Thymus gland  | d) Pituitary gland |
- 3) ----- ion is responsible for muscle contraction.
- |                    |                    |
|--------------------|--------------------|
| a) Na <sup>+</sup> | b) Ca <sup>+</sup> |
| c) Cl <sup>+</sup> | d) Mg <sup>+</sup> |
- 4) Vital capacity of lung is -----.
- |           |           |
|-----------|-----------|
| a) 1200ml | b) 4800ml |
| c) 6000ml | d) 3100ml |
- 5) ----- is not a characteristic of heart muscle.
- |                  |                 |
|------------------|-----------------|
| a) Excitability  | b) Conductivity |
| c) Contractility | d) Irritability |

**Q. 2 Answer the following questions. (Any One) (15)**

- 1) Explain female reproductive system -its organs structure & functions in detail.
- 2) Explain protein & fat metabolism in detail.

**Q. 3 Write a Short note. (Any two) (10)**

- 1) Structure & Function of Spinal cord
  - 2) Menstrual cycle
  - 3) Functions of Liver
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