

## SECTION 'B' (Short-Answer Questions) (14)

NOTE: Attempt a SEVEN part questions in all. Select Four questions from Reasoning Questions and Three from Non-Reasoning Questions. All questions carry equal marks.

2. a) Reasoning Questions:

- i) Why moderate fever is necessary for health?
- ii) HOW sympathetic nervous system prepare the body for Fight or Flight response?
- iii) Why testes descends down in human male foetus before birth?
- iv) How growth is different from development? However in both processes mitosis occurs.
- v) „Write two reasons which disturb menstrual cycle.
- vi) Why cleavage in chick is called discoidal type?

2. b) Non-Reasoning Questions:

- vii) Write any four objections on Darwin's theory of Natural selection.
- viii) Write note on Huntington's Diseases.
- ix) Write the process of osmoregulation in terrestrial animal.
- x) State the functions of skeleton.
- xi) Write note on Reflex action.
- xii) Differentiate between skeletal muscles and cardiac muscles

## SECTION "C" (Detailed Answer Questions)(09)

NOTE: Attempt any One questions from this section. All questions carry equal marks.

3. (a) Write the structure and function of Human Brain (diagram is not required).

(b) Write the abnormal functions of Pituitary gland,

4. (a) Define Menstrual cycle and write its changes taking place in each phase.

(b) Drawn labelled diagram of female reproductive organs.

5. (a) State Physiological mechanisms of thermoregulation in cold temperature.

(b) Write the role of Brain in thermoregulation.

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