

**M. D. (KRIYA SHARIR) : SUMMER - 2018**  
**SUBJECT: PAPER – IV – MODERN PHYSIOLOGY AND ITS APPLIED ASPECT**

**Day: Sunday**  
**Date: 24/06/2018**

**S-2018-3723**

**Time: 10.00 AM TO 01.00 PM**  
**Max. Marks: 100**

**N.B.:**

- 1) Draw diagrams **WHEREVER** necessary.

**Long Answers Questions (Any 3 X 20 Marks Each = 60 marks)**

- Q.1** Describe Histology, Hormones Functions of Thyroid Gland with its applied Physiology.
- Q.2** Write Functional Anatomy of Respiratory System and Explain Mechanism, Exchange and Transport of Gases in detail.
- Q.3** Describe Menstrual cycle and Ovarian Hormones in detail.
- Q.4** Write Functions of Kidneys and Explain Formation of Urine.

**Short Answers Questions (Any 2 X 10 Marks Each = 20 marks)**

- Q.5** Write Anterior Pituitary gland in detail.
- Q.6** Explain Renal Functional Test in detail.
- Q.7** Write definition, mechanism of maintenance of Homeostasis.

**Q.8 Write Short Notes (Any 4 X 5 Marks Each = 20 marks)**

- a) Pulse.
- b) Heart Sounds.
- c) Immunity.
- d) Cerebrum.
- e) Skin.

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