

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES WARANGAL,
TELANGANA STATE – 506 002**

FIRST M.B.B.S. INSTANT DEGREE EXAMINATION: November 2020

PHYSIOLOGY PAPER -II

2½ Hours Max.

Marks: 50

Note: Answer all questions: Illustrate your answer with suitable diagrams.

I ANSWER THE FOLLOWING QUESTIONS [2×10=20]

1. Classify Sensory Receptors. Explain their properties.
2. Describe optic pathway with neat labelled diagram. What are the effects of lesions at various levels of optic pathway?

II WRITE SHORT NOTE ON THE FOLLOWING [5×4=20]

3. Oral contraceptive pills.
4. Differentiate upper motor neuron (UMN) lesion and lower motor neuron (LMN) lesion.
5. Gigantism and acromegaly.
6. Function of middle ear.
7. Electrical changes and ionic basis of nerve action potential.

III WRITE BRIEFLY ON THE FOLLOWING [5×2=10]

8. Mention the features of REM sleep.
 9. What is Aphasia? What are its types?
 10. Aldosterone escape
 11. Olfactory pathway.
 12. Mention 4 neuromuscular blockers.
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