

Q.P. CODE:M102A021**Dr YSR UNIVERSITY OF HEALTH SCIENCES: VIJAYAWADA- 520008****MBBS DEGREE EXAMINATION - MARCH, 2024****FIRST M.B.B.S. EXAMINATION****PHYSIOLOGY - PAPER-II****(Theory Questions)****Time: 2 Hour 40 Minutes****Max Marks: 80****Note: Answer all questions.****Draw diagrammatic representation wherever necessary**

SECTION-II (THEORY QUESTIONS - 80 MARKS)**STRUCTURED ESSAY QUESTIONS:****2 X15 = 30**

1. Discuss in detail about Parkinsonism. Add a note on diseases of the basal ganglion in humans.
2. What is diabetes mellitus? Discuss in detail about the hormone responsible for diabetes mellitus. Add a note on ketonuria.

SHORT ANSWER QUESTIONS:**10x5=50**

3. State the Bell-Magendie law and explain its physiologic significance.
4. Explain the differences between fast and slow pain.
5. List the main clinical uses of the EEG.
6. What is the tympanic reflex?
7. Define and explain dark adaptation.
8. Describe the changes that occur in the uterus during the menstrual cycle.

9. A 50-year-old woman came with complaints of heart flushes and irritability and stopped menstrual cycles for past six months. Outline the hormonal and other changes that occur at menopause.
10. Sequence of events in contraction and relaxation of visceral smooth muscle.
11. Name the various parts of a neuron and the functions of each.
12. Describe and discuss mechanisms of temperature regulation.

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