

QP. CODE: MB2019106**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES****WARANGAL, TELANGANA STATE-506 002****MBBS FIRST YEAR SUPPLEMENTARY EXAMINATIONS: JUNE/JULY, 2022****PHYSIOLOGY (NEW REGULATION)****PAPER II****Time: 3 Hours****Max Marks: 100****Note: Answer all questions.****Give Diagrammatic representation whenever necessary**

Write a Long Answer Questions on the following**2x15=30**

1. A 45-year-old male was brought to clinic with complaints of unstable walking, shaking of hands when attempting to do any work. On examination patient had waddling gait, pendular knee jerk, overshooting of movements and dysdiadochokinesia.

a). What may be your provisional diagnosis?

b). Describe the physiological anatomy and connections of structures involved.

c). Discuss in detail about the layers of cerebellum.

d). what is the physiological function of cerebellum? (2+5+5+3)

2. A young couple recently married want to abstain from pregnancy for 1 year.

a). What do you suggest?

b). Write about temporary contraceptive methods in male and female

c). Write about permanent contraceptive methods in male and female

- d). Complications of contraceptive pills. What is maximum duration for usage of the pills?
- e) What is an IUCD and when do you suggest it? (2+3+5+2+3)

Write a Short Answer Questions on the following: **8x5=40**

3. Properties of spinal reflexes.
4. Features of hypothyroidism adults.
5. Physiological actions of growth hormone.
6. Regulation of food intake.
7. Functions of middle ear.
8. Physiological actions of Insulin.
9. Explain neuromuscular junction with a brief note on myasthenia gravis.
10. Spermatogenesis.

Write Very Short Answer on the following: **10X3=30**

11. Addison's disease.
12. Describe health care system and its delivery
13. Olfactory pathway with labelled diagram
14. Types of pain.
15. Difference between upper motor neuron lesion and lower motor neuron lesion.
16. Menopausal changes in female.
17. Kluver Bucy syndrome
18. Indicators of ovulation.
19. Taste pathways.
20. Classification of Hormones.
