

QP. CODE: MB2019106

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MBBS FIRST YEAR EXAMINATIONS: FEBRUARY, 2023

PHYSIOLOGY PAPER II

Time: 3 Hours

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation whenever necessary

Write an essay on the following:

2x15=30

1. A 50-year-old male presented with resting tremor, slowness of movement, pill rolling movement of fingers, muscular rigidity in limbs with joint pain.

- What is the diagnosis?
- Which part of the Brain is involved, what are the connections.
- Describe signs and Symptoms in detail.
- what is the treatment.

(2+4+7+2)

2. A patient of 8 feet height presented to outpatient department with large hands and feet, loss of libido, bilateral gynaecomastia.

- What is the diagnosis?
- What is the underlying hormonal abnormality?
- Write in detail about functions of the above hormone.
- Describe regulation of the above hormone?

(2+2+8+3)

Write a Short Essays on the Following:**8x5=40**

3. Pain pathway.
4. Role of Hypothalamus in food intake.
5. Actions of Insulin.
6. What do you think are the privileges and the responsibilities of the profession?
7. Properties of Skeletal Muscle.
8. Classification of nerve fibres.
9. Spermatogenesis.
10. Puberty.

Write briefly on the following:**10X3=30**

11. Difference between UMNL and LMNL
12. Formation of CSF.
13. Synaptic delay.
14. Milk ejection reflex.
15. Myopia.
16. Male Contraception.
17. Cryptorchidism.
18. Motor Unit.
19. Muscular Dystrophy.
20. REM Sleep
