

QP CODE: 102022

Reg. No:

**First Year Bachelor of Occupational Therapy Supplementary
Examinations May 2023**

Physiology

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay

(2x20=40)

1. Mechanism of excitation contraction coupling in skeletal muscle. Explain sliding filament theory and resting length for muscle
2. Which are the ascending tracts. Trace the pathway for pain from lower limbs

Short Essays

(8x5=40)

3. Glucose reabsorption by kidney
4. Cardiac conduction pathway
5. Chemical regulation of respiration.
6. Coagulation of blood.
7. Milk ejection reflex
8. Spermatogenesis
9. Functions of liver
10. Efficiency of aerobic muscular activity

Short Notes

(10x2=20)

11. Pallor
12. Peristalsis
13. Micturition reflex.
14. Glomerular filtration membrane.
15. Nephron
16. Cellular immunity
17. Hemophilia
18. Trace and label visual pathway.
19. Vital capacity
20. Prolactin
