

# 2012 Scheme

QP CODE: 114006

Reg. No: .....

## First Year B. Pharm Degree Supplementary Examinations January 2023 Human Anatomy and 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

(3x10=30)

1. Define Erythropoiesis, write the stages involved in erythropoiesis
2. Explain the mechanism of respiration with a neat diagram
3. Describe about physiology of urine formation

### Short notes

(14x5=70)

4. Explain cell junction
5. Discuss about types of movement in joints
6. Explain about blood grouping and its significance
7. Define Electro Cardio Gram
8. Enumerate structure and functions of pancreas
9. Describe fertilization
10. Enumerate the list and functions of hormones secreted by pituitary gland
11. Explain the anatomy and functions of cerebellum
12. Write the difference between sympathetic and parasympathetic nervous system
13. Explain the anatomy of eye
14. Discuss resuscitation methods
15. Write transport mechanism in cell
16. Define arrhythmia, nephritis, asthma, cirrhosis, anaemia
17. Write composition and functions of cerebrospinal fluid

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