

# 2013 Scheme

Q.P. Code. 214005

Reg. No:.....

## Second Professional B.S.M.S Degree Supplementary Examinations March 2020

### Udal Thathuvam - Paper II (Physiology)

Time: 3 Hrs

Max. Mark: 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*

#### Essays:

(2x10=20)

1. Explain cardiac cycle in detail.
2. Explain the mechanism of urine formation.

#### Short Notes:

(10x5=50)

3. Venous return.
4. Functions of liver.
5. Menstrual cycle.
6. CSF and its applied physiology.
7. Mitochondria.
8. Enterohepatic circulation.
9. Acid base balance.
10. Foetal circulation.
11. Semen.
12. Sweat glands.

#### Answer Briefly:

(10x3=30)

13. Pituitary dwarfism.
14. Vasopressin.
15. Higher intellectual functions.
16. Alkalosis.
17. Homeostasis.
18. Tympanic reflex.
19. Phagocytosis.
20. Transport of carbon dioxide (CO<sub>2</sub>).
21. Aplastic anemia.
22. Basal ganglia.

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