

Q.P. Code: 223005

Reg. No: .....

**Second Professional B.S.M.S Degree Regular/Supplementary Examinations  
March 2021**

**Udal Thathuvam Paper – I (Physiology)**

**(2016 Scheme)**

**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 the development of embryo, role of five elements during fertilization and intrauterine life, stages of fetal growth according to Siddha concept.
2. Explain about the seven physical constituents, their nature and functions.

**Short notes:**

**(10x5=50)**

3. Characteristics of sathuva, rajasa and thamasa food with examples.
4. Name the five Vatham (Vayu) which acts on digestive system and explain its functions.
5. Features of Kapha temperament.
6. Ten vital channels.
7. Five states of consciousness.
8. Longevity of life according to Siddha principles.
9. Location, properties and physiological role of the humour Vatham.
10. Examination of Nadi in En vagai thervu.
11. Properties of six tastes.
12. Six vital centers (Atharas) of the soul.

**Answer Briefly:**

**(10x3=30)**

13. Formation of vatha, pitha and kabha naadi
14. Avalambakam.
15. Pranayamam.
16. Thontha naadi and its types.
17. Five elements and three humours.
18. Impact of suppressing the natural urge malam.
19. Four intellectual faculties (Karanam)
20. Anantha maya kosam.
21. Antagonistic and Synergetic taste.
22. Properties of the humour Pitham.

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