

## First Professional B.S.M.S Degree Regular Examinations August 2023

## Udal Thathuvam (Physiology) - Paper I (Sidug-Ut)

## (2021 Scheme)

Time: 3 hrs

Max. 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

## 1. Multiple Choice Questions

(20x1=20)

The Answers to MCQ questions (Q.No.i to Q.No.xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- Colour of the elements of Air \_\_\_\_\_  
a) Red                      b) Blue                      c) Black                      d) Yellow
- Manifestation of earth element in our body  
a) Nerve                      b) Blood                      c) Sleep                      d) Walk
- Growth of the foetus on third day is like that of  
a) Mustard                      b) Pepper                      c) Coriander                      d) Bean seed
- Which one is responsible for the movements of all parts of the body  
a) Pranana                      b) Abhaya                      c) Samana                      d) Vyana
- Kandamalai (Tumour or extra growth around the neck) is caused by increased condition of  
a) Saaram                      b) Semen                      c) Oon                      d) Kozhuppu
- Meikuri niramthani vizhinaa irumalam kaikuri said by  
a) Thirumoolar                      b) Theraiyar                      c) Agathiyar                      d) Sivavaakiyar
- The colour of the body in vatham  
a) Black                      b) Red                      c) Yellow                      d) White
- Thadippu kuttam (Urticaria) is found in the condition of suppression of  
a) Vomiting                      b) Lacrimation                      c) Sneezing                      d) Cough
- Kosangal \_\_\_\_\_  
a) 3                      b) 4                      c) 5                      d) 2
- Vignanamayakosam \_\_\_\_\_  
a) Manomayakosam + Vaayu                      b) Annamayakosam + appu  
c) Pranamayakosam + Theei                      d) Manamayakosam + sogam
- Synergistic taste of sweet is \_\_\_\_\_  
a) Sour, Astringent                      b) Salt, sour  
c) Bitter, Pungent                      d) Pungent, sour
- Vatha naadi is formed by  
a) Idakalai + Abhaya                      b) Pinkalai + Pranana  
c) Suzhumunai + Samana                      d) Idakalai + Udhana
- "Thathu muraikele thanithakuthich santhodu" Author name  
a) Yugi                      b) Thirumoolar                      c) Agathiyar                      d) kannusaamiyam
- Synonym for varmam  
a) Eedu                      b) Vaayu                      c) Maathirai                      d) Naadi

(PTO)

- xv. Pooragam Kumbagam Resagam Ratio  
 a) 1:4:2                      b) 1:2:1                      c) 2:2:1                      d) 1:2:4
- xvi. Unthikamalam  
 a) Swaathittanam    b) Manipooragam    c) Anagatham    d) Visuthi
- xvii. Kaanthari  
 a) Right eye                      b) Left eye                      c) Right ear                      d) Left ear
- xviii. Thinking capacity  
 a) Manam                      b) Siddham                      c) Bhuthi                      d) Ahankaram
- xix. Aananathamaya kosam  
 a) Avathai                      b) Anthakaranam    c) Aadharam                      d) Arivu
- xx. Sivakudilai neer  
 a) Vaatha muppu                      b) Vaithiya muppu  
 c) Yogamuppu                      d) All of the above

**Short Answer Questions**

**(8x5=40)**

2. Avathaigal.
3. Properties of Five Elements.
4. Kapha temperament.
5. Envagai thervu - Naadi.
6. Fourteen natural Urges – Sukilam (semen), Neer (Micturition).
7. Properties of Six Taste.
8. Importance of varmam.
9. Explain about Aadharas.

**Long Answer Questions**

**(4x10=40)**

10. Explain in detail about predominant location, properties, physiological role, functional varieties of Pitham.
11. Write in detail about Nature and Functions of Seven Physical Constituents.
12. Explain Guru naadi and Boothha naadi
13. Explain in details about Pranayama thathuvam.

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