

Q.P. Code: 135005

Reg. No.....

**First Professional B.S.M.S Degree Supplementary Examinations  
January 2024**

**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

- What comes under 'Muthar porul'
  - Belongings of people
  - Animals and instruments
  - Land and time
  - Feelings of people
- Thirumoolar defined 'Uyir' is.....
  - Perarivvu
  - Arivuu
  - Sirrarivvu
  - Aruvam
- 'Thaththuvam'- means
  - Confident
  - Principle
  - Philosophy
  - Truth
- 'Porul' is classified into how many types
  - Two
  - Five
  - Three
  - Four
- 'Which one of the following is *not* a character of '*Rasogunam*'
  - Faithfulness
  - Protect others
  - Love every one
  - Dominant in speaking
- Who taught 'Pathi, Pasu, Paasam' to Thirumoolar
  - Sivan
  - Nanthi thevar
  - Agathiyar
  - Parvathi
- 'Avathaigal' classified into how many types
  - Three
  - Two
  - Five
  - Eight
- How many places '*Nadi*' can be felt in human body according to Thirumoolar
  - 7 places
  - 8 places
  - 10 places
  - 3 places
- Which is the time period (in a day) 'Pitha nadi' will be dominant
  - 6 am to 10 am
  - 2 pm to 6 pm
  - 10 am to 1 pm
  - throughout the day time10
- Total number of breath per day
  - 21600
  - 26100
  - 26000
  - 71200.
- Which one of the following is defined as 'Jothi marunthu'
  - Hormones secreted by the endocrine gland
  - Hormones secreted by the stomach
  - Hormones secreted by the hypothalamus
  - Bile secreted by the liver
- Slurring of speech is seen in suppression of
  - sleep
  - cough
  - yawning
  - elaippu (fatigue).
- Which one of the following is 'Rajoguna' dominant vegetable
  - Mango
  - Coconut
  - Drumstick
  - Pumpkin

**(PTO)**

- xiv. Which one of the following is best rice to have in diet  
 a) Boiled rice            b) Raw rice            c) Hand pounded rice            d) Brown rice
- xv. How much the concentration of *Pranavayu* in arterial blood  
 a) 16 – 18 %            b) 12 – 14 %            c) 15 – 17 %            d) 18 – 21%
- xvi. Which one of the following is 'Natppu suvai' for Salt  
 a) Sweet            b) Sour            c) Bitter            d) Hot
- xvii. Which is the best part of the tongue to feel Sour taste  
 a) At the sides of the tongue            b) At the back of the tongue  
 c) At the tip of the tongue            d) Just behind the tip of the tongue
- xviii. Colour of element of fire  
 a) Person who has "Two malam"            b) Person who has "Three malam"  
 c) Person who has "One malam"            d) All the above
- xix. Colour of element of fire  
 a) white            b) crystal  
 c) red            d) black.
- xx. Siddhar's define 'Guru nadi' is  
 a) A special type of nadi felt between all the three nadi  
 b) A nadi felt between Vatha and Piththa  
 c) A special type of nadi felt between Piththa and Kapha  
 d) Nothing but Piththa nadi

**Short Answer Questions**

**(8x5=40)**

2. Dasa Naadi
3. Abaanan and Piranan
4. Time duration, felting time, areas of pulse
5. Astanga Yogam
6. Sathvagunam and foods influence Sathvagunam
7. Udal Thathukkal
8. Tastes and five elements
9. Three humors

**Long Answer Questions**

**(4x10=40)**

10. Fourteen natural urges
11. Ninety-six fundamental principles
12. Explain about Vatham, its types, location, properties and physiological functions
13. Kosangal and their functions

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