

First Professional B.S.M.S Degree Regular/Supplementary Examinations
March 2025
Udal Thathuvam (Physiology) - Paper I

(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

- i. Analyzing capacity is

a) Manam	b) Bhudhi	c) Ahankaram	d) Siddham
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- ii. God of Air element

a) Brahma	b) Vishnu	c) Ruthran	d) Maheswaran
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- iii. Oliguria is.....

a) Increased feature of Enbu	b) Decreased feature of Enbu
c) Increased feature of Moolai	d) Decreased feature of Moolai
- iv. The state of sensory inhibition

a) Pratyakaram	b) Dharanai	c) Dhyanam	d) Pranayamam
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- v. Growth of the Foetus on fifth day is like that of

a) Coriander	b) Pepper	c) Bean seed	d) Bubble
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- vi. Examples of Rajo guna food substance find the odd one

a) Unripe Jack fruit	b) Turmeric	c) Ground nut	d) Cashew
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- vii. Synergistic taste of Pungent

a) Bitter	b) Astringent	c) Sour	d) Nil
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- viii. Hemiplegia will be seen in which Naadi

a) Kaba Vaatham	b) Vatha kabam	c) Pitha vatham	d) Kaba pitham
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- ix. Respiration in Visuththi/ day

a) 600/per day	b) 6000/per day	c) 1000/per day	d) 21600/per day
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- x. It is responsible for 14 Natural Urges is natural characters of

a) Vaatham	b) Pitham	c) Kabam	d) Mukkutram
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- xi. Loss of taste is suppressive feature of

a) Sneezing	b) Suvasam	c) Illaipu	d) Vomiting
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- xii. Find the correct statement

1) According to Thirumoolar there are ten important sites of Naadi			
2) Frog movement is seen in Pitha Naadi			
a) 1 and 2 are correct	b) 1 is correct	c) 2 is correct	d) 1 and 2 are false
- xiii. Visudhi Chakra is associated with

a) Thymus	b) Thyroid gland	c) Pituitary gland	d) Pineal gland
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- xiv. Shrinking of face is suppressive feature of.....

a) Sneezing	b) Yawning	c) Vomiting	d) Cough
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(PTO)

Short Answer Questions

$$(8 \times 5 = 40)$$

2. Dasha Naadi
3. Relationship between Five elements and three Humours (Uyir thathus)
4. Explain the different stages of fetal growth according to siddhar's concept
5. Explain the Envagai Thervu Niram, Mozhi, Vizhi
6. Write about Suppression of Kanneer (Tears), Kottavi (Yawning)
7. Explain about muggunangal based on Annamayakosam
8. Define Kayakarpam
9. Explain about different names of Varmam

Long Answer Questions

$$(4 \times 10 = 40)$$

10. Explain the features of Pitha temperament, location and functional varieties
11. Define Naadi and explain siddhars concept of Naadi, formation, Ten important sites of Naadi
12. Derangement of seven physical constituents and their signs and symptoms in Saram, Chenneer, Ooun
13. Explain about Pranayama Thathuvam and its importance
