

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[BAMS 0322]**

**MARCH 2022  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 1354**

**FIRST PROFESSIONAL B.A.M.S. DEGREE EXAMINATION**

**(For the candidates admitted from 2012-2013 to 2015-2016 and**

**New Regulation 2016-2017 onwards)**

**PAPER IV – KRIYA SHARIR I – PAPER I**

***Q.P. Code : 641354***

**Time: Three Hours**

**Answer ALL questions**

**Maximum : 100 Marks**

**I. Essay Questions:**

**(2 x 15 = 30)**

1. Write about Tridoshas on following aspects, mirukthi, sthana, guna, samanya karma, vridhi and kshaya.
2. Write mechanism of propagation of nerve impulse. Physiology of sensory and motor nervous system.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Write about deha prakruthi.
2. Ashta aahara vidhi vishesha aayathanas.
3. Concepts of Kriyakala.
4. Avastha paka and nishta paka.
5. Shwasana prakriya according to Ayurveda.
6. Physiology of sleep and dream.
7. Transportation of various substances across cell membrane.
8. Explain acid base balance.
9. Function of salivary gland and stomach.
10. Mechanism of respiration.

**III. Short Answers on:**

**(10 x 2 = 20)**

1. Write about Agni.
2. Write pachaka pitta.
3. Define koshta.
4. Vyana vata dosha.
5. Avalambaka kapha.
6. Properties of nerve.
7. Homeostasis – explain.
8. Electrolyte balance.
9. Hyper and Hypo vitamins.
10. Composition of pancreatic juice.

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