

**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 80**

**SAMSKRUT**

**Q.P. Code: 4003 (RS)  
4403 (RS2)**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number** **Marks**  
1. M.C.Q. **20 X 1 = 20**

**LONG ESSAY QUESTIONS:** **2 X 10 = 20**

2. Translate and explain हिताहितं सुखमदुःखमायुस्तस्य हिताहितं । मानं च तस्य यत्रोक्तम् आयुर्वेदः स उच्यते ॥ (5+5)
3. Describe वर्णोत्पत्तिस्थान's with formulas. (5+5)

**SHORT ESSAY QUESTIONS:** **5 X 5 = 25**

4. Define गुणसन्धि and explain with examples. (2+3)
5. Define सवर्णदीर्घसन्धि with proper examples. (3+2)
6. Define समास and describe द्वंद्व समास and its kinds of with examples. (2+2+1)
7. Explain the importance of "चत्वारिदानानि". (5)
8. Describe a detailed note on the concept of व्यायाम. (5)

**SHORT ANSWER QUESTIONS:** **5 X 3 = 15**

9. Describe माहेश्वरसूत्र-. (3)
10. Explain forms of भू in लट्लकार. (3)
11. Explain कर्तृकारक with examples. (3)
12. Explain निदाने माधवः श्रेष्ठः सूत्रस्थाने तु वाग्भटः । शरीरे सुश्रुतः श्रेष्ठः चरकस्तु चिकित्सिते ॥ (3)
13. Explain हंसोदक (3)

**MULTIPLE CHOICE QUESTIONS**

<b>Course:</b> BAMS 1 <sup>st</sup> Professional (RS & RS 2), January 2021	<b>Max. Marks:</b> 20 Marks
<b>Subject :</b> Samskrut,	<b>Time:</b> 30 Minutes
<b>RS QP Code: 4003, RS-2 QP Code: 4403</b>	

**Instructions :**

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

1. व्यायाम should be done  
(A) Continuously (B) Slowly  
(C) Rapidly (D) Hastily
2. माधव is best in  
(A) शारीर (B) सूत्र  
(C) विमान (D) निदान
3. द्वन्द्व is -----  
(A) पूर्वपदार्थप्रधान (B) उभयपदार्थप्रधान  
(C) अन्यपदार्थप्रधान (D) उत्तरपदार्थप्रधान
4. रजस्तमः is  
(A) विसर्गसन्धि (B) अच्सन्धि  
(C) हल्सन्धि (D) स्वरसन्धि
5. विकार is  
(A) धातु वैषम्यम् (B) समदोषः  
(C) धातुसमानता (D) समाग्निः
6. Types of कारक in number  
(A) 3 (B) 6  
(C) 7 (D) 2
7. उत्पत्तिस्थान of व् is  
(A) दन्तोष्ठ (B) कण्ठोष्ठ  
(C) दन्त (D) ओष्ठ
8. First कारक is  
(A) करण (B) सम्प्रदान  
(C) अपादान (D) कर्तृ
9. Everything on this earth gets purified by  
(A) Sun (B) Moon  
(C) Wind (D) Akasha

10. शिवसूत्र s from  
 (A) दुर्गा (B) सूर्य  
 (C) विष्णु (D) शिव
11. Total -----chapters are in the अष्टाध्यायी  
 (A) 88 (B) 44  
 (C) 8 (D) 4
12. All consonants are represented by  
 (A) अल् (B) हल्  
 (C) यर् (D) अच्
13. Most prominent (मुख्य) शौच is  
 (A) कर्मशौच (B) शरीरशौच  
 (C) कुलशौच (D) मनःशौच
14. Water purified by the arise of अगस्त्य star is  
 (A) कूपोदक (B) हंसोदक  
 (C) शुद्धोदक (D) विमलोदक
15. Types of bathing  
 (A) 5 (B) 8  
 (C) 7 (D) 10
16. देवविषजौ are  
 (A) अश्विनौ (B) सूर्यदेव  
 (C) इन्द्र (D) ब्रह्मा
17. व्ययाम gives  
 (A) Weight (B) Unhealthy  
 (C) Good health (D) Unhappiness
18. Taking bath daily increases  
 (A) श्री, आरोग्य, पुष्टि (B) Unhappiness  
 (C) Laziness (D) Disease
19. अजीर्णे -- वारि  
 (A) भेषजम् (B) बलप्रदम्  
 (C) अमृतम् (D) विषप्रदम्
20. Types of आयुः  
 (A) 4 (B) 5  
 (C) 6 (D) 7

**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 100**

**SAMSKRUT**

**Q.P. Code: 4503 (RS2)**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

<b>Question Number</b>	<b>Marks</b>
1. M.C.Q.	<b>20 X 1 = 20</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 10 = 20</b>
2. Translate and explain हिताहितंसुखमदुःखम्आयुस्तस्यहिताहितं । मानं च तस्ययत्रोक्तम्आयुर्वेदः स उच्यते ॥.	(5+5)
3. Describe वर्णोत्पत्तिस्थान's with formulas.	(5+5)
<b>SHORT ESSAY QUESTIONS:</b>	<b>5 X 5 = 25</b>
4. Describe form of वनम्शब्द in all विभक्ति(5)	
5. Explain the shloka सर्वेषामेवस्नानानांविशिष्टं तत्रवारुणम्।(5)	
6. Describe the moral of ब्राह्मणी नकुलकथा(5).	
7. Define समास and describe द्वंद्व समास and its kinds of with examples. (2+2+1)	
8. Define सवर्णदीर्घसन्धि with proper examples. (3+2)	
<b>SHORT ANSWER QUESTIONS:</b>	<b>5 X 3 = 15</b>
9. What is karaka? Explain with example(1+2)	
10. Explain गुणसन्धि with one example(2+1)	
11. Explain अकुहविसर्जनीयानांकण्ठः(3)	
12. Explain benefits of व्यायाम(3)	
13. Explain पञ्चविधशौच(3)	
14. Describe हितायु(3)	
15. Do पदविभग of this shoka अग्निवेशकृते तन्त्रे चरकप्रतिसंकृते । यदिहास्तितदन्यत्रयन्नेहास्तिनतत्क्वचित्॥(3)	
16. Translate समदोषःसमाग्निश्चसमधातुमलक्रियाः । प्रसन्नात्मेन्द्रियमनाः स्वस्थइत्यभिधीयते ॥ (३)	
17. Explain forms of भू in लट्लकार. (3)	
18. Explain any 3 विभक्ति forms of the word चिकित्सा (स्त्री). (3)	

# KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, BELAGAVI.

[ Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956 ]

Placed in 'A' Category by MHRD (GoI)

Accredited 'A' Grade by NAAC (2<sup>nd</sup> Cycle)

## MULTIPLE CHOICE QUESTIONS

Course: BAMS 1 <sup>st</sup> Professional (RS & RS 2), January 2021	Max. Marks: 25 Marks
Subject : Samskrut, RS-2 QP Code: 4503	Time: 30 Minutes

### Instructions :

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

- Number of माहेश्वरसूत्रs –  
(A) 12 (B) 20  
(C) 14 (D) 10
- हल् प्रत्याहार refers to –  
(A) all vowels (B) all consonants  
(C) अनुस्वार (D) अनुनासिक
- पञ्चमीविभक्ति एकवचन form of जलशब्द –  
(A) जलात् (B) जलेन  
(C) जलाय (D) जलस्य
- अदेङ्गुणः this is a पाणिनिसूत्र of \_\_\_\_\_.  
(A) गुणसंज्ञा (B) वृद्धिसंज्ञा  
(C) सवर्णसंज्ञा (D) अत्संज्ञा
- Identify प्रत्यय here -'गत्वा'–  
(A) ल्यप् (B) क्त्वा  
(C) तुमुन् (D) णिच्
- क्रियासम्बन्धि \_\_\_\_\_ ।  
(A) समासः (B) सूत्रम्  
(C) सन्धिः (D) कारकम्
- सीताम् is a \_\_\_\_\_ विभक्ति form of सीताशब्द.  
(A) प्रथमा (B) द्वितीया  
(C) तृतीया (D) चतुर्थी
- पाणिनिसूत्र for सवर्णदीर्घसन्धि –  
(A) अदेङ्गुणः (B) आद्गुणः  
(C) अकःसवर्णदीर्घः (D) वृद्धिरेचि
- रामेण is \_\_\_\_\_ विभक्ति form of रामशब्द.  
(A) प्रथमा (B) द्वितीया  
(C) तृतीया (D) चतुर्थी

10. षष्ठीविभक्ति एकवचन form of हरिशब्द –  
 (A) हरिः (B) हरिम्  
 (C) हरिणा (D) हरेः
11. Number of कारकs –  
 (A) 4 (B) 6  
 (C) 7 (D) 8
12. Identify प्रत्यय here - 'ज्ञातुम्' –  
 (A) ल्यप् (B) क्त्वा  
 (C) तुमुन् (D) णिच्
13. सङ्ख्यापूर्वः \_\_\_\_\_ समासः ।  
 (A) द्विगुः (B) नञ्  
 (C) द्वन्द्वः (D) तत्पुरुषः
14. Types of आयुः  
 (A) 4 (B) 5  
 (C) 6 (D) 7
15. Types of स्नान  
 (A) 8 (B) 9  
 (C) 7 (D) 4
16. In सिंहकारकमूर्खब्राह्मणकथा all the three ब्राह्मणs planned to give a life to  
 (A) Lion (B) Cow  
 (C) Parrot (D) King
17. Name of the 1<sup>st</sup> Chapter in वैद्यकीयसुभाषितसाहित्यम् –  
 (A) जलविज्ञानीयम् (B) स्नानविज्ञानीयम्  
 (C) वैद्यकशास्त्रविज्ञानीयम् (D) प्राणायमविज्ञानीयम्
18. The division of पञ्चतन्त्र are -  
 (A) 3 (B) 4  
 (C) 6 (D) 5
19. निदाने \_\_\_\_\_ श्रेष्ठः ।  
 (A) चरकः (B) माधवः  
 (C) सुश्रुतः (D) वाग्भटः
20. Example for अव्यय –  
 (A) च (B) एकः  
 (C) रामाय (D) जलम्
21. How many vowels are there in Devanagari script?  
 (A) 25 (B) 9  
 (C) 43 (D) 5

22. \_\_\_\_\_ is refers to क ख ग घ ड.  
(A) चवर्ग (B) पवर्ग  
(C) कवर्ग (D) यवर्ग
23. कादयो मावसाना: \_\_\_\_\_  
(A) अन्तस्था: (B) स्पर्शा:  
(C) ओष्ठौ (D) नासिका
24. Deceases related to body are cured by \_\_\_\_\_.  
(A) मीमांसाशास्त्र (B) व्याकरणशास्त्र  
(C) चिकित्साशास्त्र (D) अध्यात्मशास्त्र
25. Identify पञ्चमीविभक्ति form of वनशब्द  
(A) वनस्य (B) वनम्  
(C) वनात् (D) वनेन

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**KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, BELAGAVI.**

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**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 80**

**KRIYA SHARIR  
PAPER – I**

**Q.P. Code: 4004 (RS)  
4404 (RS2)**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

<b>Question Number</b>	<b>Marks</b>
1. M.C.Q.	<b>20 X 1 = 20</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 10 = 20</b>
2. Explain vatadosha guna, sthan, karma, vridhhi and kashya laxanas.	
3. Define respiration and write about the lung volumes and capacities.	
<b>SHORT ESSAY QUESTIONS:</b>	<b>5 X 5 = 25</b>
4. Define agni, explain Jatharagni functions.	(2+3)
5. Write a note on Vitamin c, its sources, daily requirements, functions and its hypovitaminosis.	(1+1+1+1+1)
6. Define dhatu poshana nyaya, its types and importance.	(1+1+3)
7. Explain artificial respiration and its mechanism.	(1+4)
8. Prakrutastu balam sleshma vikrito mala ucchyate....” Explain and justify. (5)	
<b>SHORT ANSWER QUESTIONS:</b>	<b>5 X 3 = 15</b>
9. Vridhhi lakshana of kapha.	
10. Define sthanasamsraya and its importance	(1.5+1.5)
11. Explain astha vidha ahara vishesha ayatana.	
12. Define madhura rasa and its importance.	(1.5+1.5)
13. Define surfactant and its importance.	(1.5+1.5)

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**MULTIPLE CHOICE QUESTIONS**

<b>Course:</b> BAMS 1 <sup>st</sup> Professional (RS & RS2), January 2021	<b>Max. Marks:</b> 20 Marks
<b>Subject :</b> Kriya Sharira, Paper – I, QP Code: 4004 & 4404	<b>Time:</b> 30 Minutes

**Instructions:**

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

1. Total number of Mansika Doshas  
(A) 3 (B) 1  
(C) 2 (D) 4
2. Karmendriyas are how many in number  
(A) 5 (B) 3  
(C) 2 (D) 8
3. Main function of Vata dosha is  
(A) Nourishment (B) Metabolic activities  
(C) All movements (D) Growth
4. Synonym of Ayu is  
(A) Dhari (B) Jivita  
(C) Nityaga (D) All
5. What is the main guna of pruthvi  
(A) Shabda (B) Rupa  
(C) Rasa (D) Gandha
6. Which is function of vyana vayu  
(A) Sweda-sravana (B) Stivana  
(C) Varna (D) Ujra
7. Alochaka pitta is which in nature  
(A) Laghu (B) Guru  
(C) Ruksha (D) Snigda
8. Main site of sadhaka pitta is  
(A) Hridaya (B) Aamashya  
(C) Kloma (D) Shira
9. Kledaka kapha exists in  
(A) Amashya (B) Pakwashaya  
(C) Kloma (D) Ura
10. Prakopavastha is called as  
(A) Stage of accumulation (B) Stage of aggravation  
(C) Stage of spread (D) Stage of localization
11. There are how many doshaj prakriti  
(A) 5 (B) 3  
(C) 7 (D) 6
12. Athisveda is found in where  
(A) Vataya (B) Pittaja  
(C) Vataja (D) None of the above

13. Avastha paka is also called as  
(A) Prapaka (B) Vipaka  
(C) Apaka (D) Paka
14. The ribosomes contain \_\_\_\_\_% RNA  
(A) 35 (B) 28  
(C) 65 (D) 10
15. The power house of cell is  
(A) Golgi apparatus (B) Lysosomes  
(C) Peroxisomes (D) Mitochondriya
16. Homeostasis refers to maintenance of  
(A) Constant internal environment of the body (B) Constant external environment of the body  
(C) Body temperature (D) Both a and b
17. The diffusion of H<sub>2</sub>O across semipermeable membrane is termed as \_\_\_\_\_  
(A) Active transport (B) Diffusion  
(C) Osmosis (D) Endocytosis
18. Surfactant is secreted from alveolar cells  
(A) Type-II (B) Type-I  
(C) Both (D) None
19. Loss of water through lungs/day  
(A) 100ml (B) 300ml  
(C) 600ml (D) None
20. Normal tidal volume is  
(A) 100ml (B) 500ml  
(C) 2.0l (D) None

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## FIRST PROFESSIONAL BAMS DEGREE EXAMINATION (RS &amp; RS2) JANUARY 2021

Time: 3 Hours

Kriya Sharira – I Q.P. Code: 4505

Max. Marks: 100

<u>Objective Instructions</u>	<u>Subjective Instructions</u>
<ul style="list-style-type: none"> <li>• Each question is followed by four options.</li> <li>• Pick up single best option and darken appropriate circle in OMR Sheet</li> <li>• Each question carries one mark. No negative marking</li> </ul>	<ul style="list-style-type: none"> <li>• Answers should be specific to the Questions asked.</li> <li>• Draw neat, labeled diagrams wherever necessary.</li> </ul>

**M.C.Q 25 x 1 = 25**

1. Total number of Mansika Doshas
 

(A) 3	(B) 1
(c) 2	(D) 4
2. Main function of Vata dosha is
 

(A) Nourishment	(B) Metabolic activities
(c) All movements	(D) Growth
3. Number of Dhatus
 

(A) 5	(B) 3
(c) 6	(D) 7
4. Loka–Purisha samya in this Loka is compared to
 

(A) Kala	(B) Body – tridosha
(c) Nature	(D) Taste
5. Pitta relation with Panchamahabhuta is
 

(A) Aakasa+ pruthvi	(B) Aakasa + vayu
(c) Agni + jala	(D) Agni+ vayu
6. What is the function of prtvimahabhuta during development of embryo
 

(A) Cell division	(B) Cellular metabolism
(c) Promote growth	(D) Maintains fluid
7. Synonym of Ayu is
 

(A) Dhari	(B) Jivita
(c) Nityaga	(D) All
8. What is the main guna of jala
 

(A) Shabda	(B) Rupa
(c) Rasa	(D) Gandha
9. Bhodaka is type of which dosha
 

(A) Kapha	(B) Pitta
(c) Vata	(D) None of above
10. Mobility increases due to \_\_\_\_\_ guna in vata
 

(A) Laghu	(B) Khara
(c) Chala	(D) Vishada
11. Which is main site for the vyana vayu
 

(A) Hridya	(B) Kuppusa
(c) Shira	(D) Nasika
12. Which pitta is related to vision
 

(A) Pachaka	(B) Ranjaka
(c) Alochaka	(D) Sadhaka
13. Which pitta is related to intelligence
 

(A) Sadhaka	(B) Alochaka
(c) Ranjaka	(D) Pachaka
14. Which is not a property of kapha
 

(A) Snigda	(B) Shetta
(c) Guru	(D) Chala
15. Which of the following does not comes under shat kriyakala
 

(A) Sancaya	(B) Vyakti
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- (c) Prashamana (D) Bheda
16. Which is the 3rd stage of shat kriyakala  
 (A) Vyakti (B) Prasara  
 (c) Sthana samshraya (D) Bheda
17. Which is a factor which is not responsible for prakriti  
 (A) Nature of season (B) Food  
 (c) Condition inside the uterus (D) Temperature
18. Raktavarna padatal is found in which Prakriti  
 (A) Vataya (B) Pittaya  
 (c) Kaphaya (D) Both A and D
19. Role of Pachaka pitta is  
 (A) Increase in saliva (B) Digestion and absorption  
 (c) Complexion (D) Defecation
20. According to Sushruta, Pittadhara Kala is \_\_\_\_\_ in number  
 (A) 5 (B) 6  
 (c) 3 (D) 4
21. Number of Panchagni are  
 (A) 4 (B) 2  
 (c) 3 (D) 5
22. Which RNA contains the genetic code of amino acid \_\_\_\_\_  
 (A) Transfer RNA (B) Messenger RNA  
 (c) Ribosomal RNA (D) Only RNA
23. The diffusion of H<sub>2</sub>O across semipermeable membrane is termed as \_\_\_\_\_  
 (A) Active transport (B) Diffusion  
 (c) Osmosis (D) Endocytosis
24. The term used to determine cell eating is \_\_\_\_\_  
 (A) Exocytosis (B) Phagocytosis  
 (c) Pinocytosis (D) Diffusion
25. Normal tidal volume is  
 (A) 100ml (B) 500ml  
 (c) 2.0l (D) None

### LONG ESSAY QUESTIONS: 10 X 2 = 20

- Define Ahara, its classification and explain avasthapaka & its stages and its significance
- Explain the composition and functions of gastric juice and give an account of hormonal regulation of gastric secretion

### SHORT ESSAY QUESTIONS: 5 X 5 = 25

- Explain the nirukti, guna and karma of vata dosha in detail (1+2+2)
- Discuss Praan Vata function in relation with respiration (2+3)
- Explain Sanchaya, its types and its importance (1+2+2)
- Define Kriyakalait's types and importance in detail (2+1+2)
- Define Prakriti, its classification and explain details about types of Satvika Prakriti. 1+2+2

### SHORT ANSWER QUESTIONS: 10X 3 = 30

- Define purusha and its importance (1.5+1.5)
- Mention the pitta sthana and its types 1+2
- Explain in detail the functions of Kapha and discuss Kledaka kapha functions in relation with digestion
- Explain Khalekapota nyaya
- Define the concept of aharavisheshayatana and its significance (1.5+1.5)
- Define katu rasa and its importance (1.5+1.5)
- Describe the action potential
- What is osmosis (3)
- Define respiration and its functions (1.5+1.5)
- Define Neuron and explain axon (1+2)

**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS 2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 80**

**RACHANA SHARIR  
PAPER – I**

**Q.P. Code: 4006 (RS)  
4406 (RS2)**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number**

**Marks**

1. M.C.Q.

**20 X 1 = 20**

**LONG ESSAY QUESTIONS:**

**2 X 10 = 20**

2. Define garbha. Explain masasnumasikagarbhavrudhikrama.
3. Write definition classification and importance of asthi.

**SHORT ESSAY QUESTIONS:**

**5 X 5 = 25**

4. Describe about kurcha and kandara.
5. Explain beeja, beejabhaga and bhejabagaavayavayava.
6. Mention asthisankya and its prakara.
7. Define ossification, explain the parts of long bone.
8. Name the shat chakra and explain manipura chakra.

**SHORT ANSWER QUESTIONS:**

**5 X 3 = 15**

9. Explain dhatubedapurusha.
10. Explain jala and asthisanghat.
11. Define artava and write shuddhaartavalaxana.
12. Define ossification.
13. Define artery and vein.

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**MULTIPLE CHOICE QUESTIONS**

<b>Course:</b> BAMS 1 <sup>st</sup> Professional (RS & RS 2), January 2021	<b>Max. Marks:</b> 20 Marks
<b>Subject :</b> Rachana Sharira, Paper – I, RS QP Code: 4006, RS-2 QP Code: 4406	<b>Time:</b> 30 Minutes

**Instructions :**

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

1. Which mahabhutha helps in samhanana?  
(A) Vayu (B) Aap  
(C) Pruthvi (D) Akasha
2. The sharira divisions into 6 regions is called as  
(A) Shadangatvam (B) Panchangatvam  
(C) Astangatvam (D) Sptangatvam
3. How many ASHAYA are there in female?  
(A) 7 (B) 8  
(C) 9 (D) 6
4. From where does yakrut and pleeha takes origin?  
(A) Matruja bhava (B) Pitruja bhava  
(C) Aatmaja bhava (D) Rasaja bhava
5. According to masanumasika garbha vrudhi, buddhi ddevelopes in which month?  
(A) 1<sup>st</sup> month (B) 2<sup>nd</sup> month  
(C) 5<sup>th</sup> month (D) 6<sup>th</sup> month
6. Which of the following Asthi is found in danta?  
(A) Tarunasthi (B) Kapalasthi  
(C) Valayasthi (D) Ruchakasthi
7. What is the anguli pramana of sampurna shareera (whole body)?  
(A) 120 (B) 121  
(C) 122 (D) 123
8. What is the total number of sandhis present in the body?  
(A) 200 (B) 210  
(C) 220 (D) 230
9. How many number of dhamani are present in body?  
(A) 20 (B) 25  
(C) 24 (D) 30
10. Hrudaya is a mulasthanana of which srotas?  
(A) Pranavaha (B) Annavaha  
(C) Rassavaha (D) Udakavaha
11. What are 500 in number?  
(A) Sandhi (B) Peshi  
(C) Asthi (D) Sira

12. How many number of Aashaya in males according to sushruta?  
(A) 6 (B) 7  
(C) 8 (D) 9
13. Which is the prathama kala?  
(A) Mamsadhara (B) Raktadhara  
(C) Pittadhara (D) Medhodhara
14. How many petals of moolaadhara chakra are present  
(A) 4 (B) 5  
(C) 6 (D) 9
15. What is the total number of indriyas present in the body?  
(A) 5 (B) 6  
(C) 10 (D) 11
16. Which of the following is ubhayendriya?  
(A) Paani (B) Srotendriya  
(C) Manas (D) Sparshendriyas
17. Which of the anatomical term to denote the, back of the trunk, neck and face?  
(A) Anterior (B) Posterior  
(C) Superior (D) Inferior
18. What is called for the study of bones?  
(A) Osteology (B) Arthrology  
(C) Angiology (D) Mycology
19. What is the study of muscular system is called as?  
(A) Osteology (B) Arthrology  
(C) Angiology (D) Mycology
20. Ovulation occurs on which day of Menstrual cycle?  
(A) 12<sup>th</sup> day (B) 14<sup>th</sup> day  
(C) 16<sup>th</sup> day (D) 20<sup>th</sup> day

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## FIRST PROFESSIONAL BAMS DEGREE EXAMINATION (RS &amp; RS2) JANUARY 2021

Time: 3 Hours

Rachana Sharira – I Q.P. Code: 4506

Max. Marks: 100

Objective Instructions	Subjective Instructions
<ul style="list-style-type: none"> <li>Each question is followed by four options.</li> <li>Pick up single best option and darken appropriate circle in OMR Sheet</li> <li>Each question carries one mark. No negative marking</li> </ul>	<ul style="list-style-type: none"> <li>Answers should be specific to the Questions asked.</li> <li>Draw neat, labeled diagrams wherever necessary.</li> </ul>

**M.C.Q. 25 X 1 = 25**

- Sharira is the combination of which of the following?
  - Panchamahabhuta + manas
  - Manas+ atma
  - Panchamahabhuta+ atma
  - Panchamahabhuta+atma+ manas
- Which mahabhutha helps in vibhajana of cells?
  - Vayu
  - Aap
  - Teja
  - Akasha
- The sharira divisions into 6 regions is called as
  - Shadangatvam
  - Panchangatvam
  - Astangatvam
  - Saptangatvam
- Preservation and dissection of the body was explained by which acharya?
  - Acharya vagbhata
  - Acharya charaka
  - Acharya shushruta
  - Acharya harita
- Injection of the formaldehyde can be done through which vessel?
  - Carotid artery
  - Ulnar artery
  - Femoral vein
  - Cephalic vein
- Who is the First person to conduct dead body dissection?
  - Vagbhata
  - Charaka
  - Sushruta
  - Harita
- What is the type of Shoulder joint?
  - Hinge joint
  - Ball & socket joint
  - Pivot joint
  - Saddle joint
- Where does the superior venacava opens?
  - Right atrium
  - Left atrium
  - Right ventricle
  - Left ventricle
- How many ASHAYA are there in Female?
  - 7
  - 8
  - 9
  - 6
- According to Masanumasika garbha vrudhi,Asthira Oja is seen in which month ?
  - 1st Month
  - 2nd Month
  - 5th Month
  - 8th Month
- How many types of asthi are explained in Sushruta samhita?
  - 4
  - 5
  - 6
  - 7
- What is the Anguli pramana of sampurna Shareera (whole body)?
  - 120
  - 121
  - 122
  - 123
- What is the total Number of Sandhis present in the body?
  - 200
  - 210
  - 220
  - 230
- How many number of dhamani are present in body?
  - 20
  - 25
  - 24
  - 30
- What are 520 in female?
  - Sandhi
  - Peshi

- (c) Asthi (D) Sira
16. How many number of Aashaya in males According to Sushruta?  
 (A) 6 (B) 7  
 (c) 8 (D) 9
17. How many number of kala present in body?  
 (A) 6 (B) 7  
 (c) 8 (D) 10
18. How many Petals of Moolaadhara chakra are present?  
 (A) 4 (B) 5  
 (c) 6 (D) 7
19. How many number of Sadhyopranahara marma are present?  
 (A) 8 (B) 19  
 (c) 33 (D) 44
20. What is the total number of indriyas present in the body?  
 (A) 5 (B) 6  
 (c) 10 (D) 11
21. What is called for the Process of Formation of Mature Spermatozoa?  
 (A) Spermatogenesis (B) Spermiogenesis  
 (c) Spermatid (D) Sperm
22. Which is the largest sesamoid bone ?  
 (A) Calcaneous (B) Talus  
 (c) Scaphoid (D) Patella
23. Which of the following joint is ball and socket type?  
 (A) Shoulder joint (B) Elbow joint  
 (c) Wrist joint (D) Inferior radio ulnar joint
24. From what myocardium is made of?  
 (A) Skeletal muscle. (B) Smooth muscle.  
 (c) Endothelium (D) Cardiac muscle
25. Which of the following muscle is the Longest Muscle ?  
 (A) Sartorius (B) Adductor longus  
 (c) Iliacus (D) Pectenius

### LONG ESSAY QUESTIONS: 10 X 2 = 20

- Define shareera and write preservation of body according to modern science
- Define Garbha. Explain masasnumasikagarbhavrudhikrama

### SHORT ESSAY QUESTIONS: 5 X 5 = 25

- Define Asthi ,write classification with examples
- Define sandhi. Write structural classification of sandhi.
- Explain articulating bones, ligaments and movements of Hip joint
- Explain the abduction , adduction, flexion, extension and circumduction movements
- Name the anatomical planes and explain the median plane

### SHORT ANSWER QUESTIONS: 10 X 3 = 30

- Define Shukra and Write Shudhashukralaxana.
- Define artery and vein
- Define srotas
- Write the types of kala
- Define the Ligaments and Tendon with example
- Name the Branches of Modern Anatomy and explain the surface anatomy
- Define the radiological anatomy and living anatomy with example
- Name carpal bones and tarsal bones
- Explain Musculature of Heart.
- Write Three differences between Artery and Vein.

**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS 2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 80**

**RACHANA SHARIR  
PAPER – II**

**Q.P. Code: 4007 (RS)  
4407 (RS2)**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

<b>Question Number</b>	<b>Marks</b>
1. M.C.Q.	<b>20 X 1 = 20</b>
<b>LONG ESSAY QUESTIONS:</b>	<b>2 X 10 = 20</b>
2. Explain external features and internal features of large intestine with its applied anatomy.	
3. Digestive glands and explain stomach in detail.	
<b>SHORT ESSAY QUESTIONS:</b>	<b>5 X 5 = 25</b>
4. Explain about parts of sternum and its attachments.	
5. Explain in detail about types of pleura.	
6. Write external features of spinal cord with clinical anatomy.	
7. Name the cranial nerves and write clinical anatomy of olfactory nerve.	
8. Explain in detail about layers of the skin and functions of the skin.	
<b>SHORT ANSWER QUESTIONS:</b>	<b>5 X 3 = 15</b>
9. Name the coverings kidney and its clinical anatomy.	
10. Write about the location, parts and constrictions of Ureter.	
11. Explain about parts of uterus.	
12. Describe functional classification of neurons.	
13. Explain surface anatomy of heart.	

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**MULTIPLE CHOICE QUESTIONS**

<b>Course:</b> BAMS 1 <sup>st</sup> Professional (RS & RS 2), January 2021	<b>Max. Marks:</b> 20 Marks
<b>Subject :</b> Rachana Sharira, Paper – II, RS QP Code: 4007, RS-2 QP Code: 4407	<b>Time:</b> 30 Minutes

**Instructions :**

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

1. What is the length of left principle bronchus?  
(A) 5 cm (B) 4 cm  
(C) 6 cm (D) 7 cm
2. What is the length of trachea in female cadaver.  
(A) 7 cm (B) 10 cm  
(C) 12 cm (D) 5 cm
3. Lungs are covered by which layer?  
(A) Peritoneum (B) Pericardium  
(C) Pleura (D) Omentum
4. How many surfaces are present in lungs?  
(A) 2 (B) 3  
(C) 1 (D) 4
5. The stomach is having how many curvatures?  
(A) 2 curvatures (B) 3 curvatures  
(C) 4 curvatures (D) 5 curvatures
6. What is the length of the duodenum?  
(A) 25 cm (B) 25 inch  
(C) 45 cm (D) 45 inch
7. Taeniae coli are present in which part  
(A) Small intestine (B) Large intestine  
(C) Stomach (D) Appendix
8. The average length of which part is 2 to 20 cm?  
(A) Small intestine (B) Rectum  
(C) Caecum (D) Appendix
9. Bacterial flora is present in which part?  
(A) Small intestine (B) Rectum  
(C) Large intestine (D) Appendix
10. Tail of the pancreas is related to which organ  
(A) Spleen (B) Kidney  
(C) Stomach (D) Left suprarenal gland
11. Uncinate process is part of which organ?  
(A) Spleen (B) Liver  
(C) Left kidney (D) Pancreas
12. Spleen is related to which part of the pancreas?  
(A) Head of the pancreas (B) Neck of the pancreas  
(C) Body of the pancreas (D) Tail of the pancreas

13. What does the Pectinate line related to?  
(A) Rectum (B) Anal canal  
(C) Caecum (D) Urethra
14. What is the length of Ureter?  
(A) 25 cm (B) 35 cm  
(C) 45 cm (D) 55 cm
15. What is the length of male urethra?  
(A) 4cm (B) 14cm  
(C) 20cm (D) 45cm
16. What is the length of the ductus deference?  
(A) 45cm (B) 46cm  
(C) 47cm (D) 48cm
17. Ovulation occurs at which day of 28 days?  
(A) 16<sup>th</sup> day (B) 18<sup>th</sup> day  
(C) 14<sup>th</sup> day (D) 20<sup>th</sup> day
18. What is called for the removing the part of fallopian tube?  
(A) Vasectomy (B) Tuboactomy  
(C) Laprotomy (D) Lobactomy
19. What is the colour of ovaries in living person  
(A) Whitish (B) Reddish  
(C) Grayish-pink (D) Grayish-yellow
20. What is the function of the olfactory nerve?  
(A) Smell (B) Chewing  
(C) Vision (D) Chemoreceptor

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## FIRST PROFESSIONAL BAMS DEGREE EXAMINATION (RS &amp; RS2) JANUARY 2021

Time: 3 Hours

Rachana Sharira – II Q.P. Code: 4507

Max. Marks: 100

Objective Instructions	Subjective Instructions
<ul style="list-style-type: none"> <li>• Each question is followed by four options.</li> <li>• Pick up single best option and darken appropriate circle in OMR Sheet</li> <li>• Each question carries one mark. No negative marking</li> </ul>	<ul style="list-style-type: none"> <li>• Answers should be specific to the Questions asked.</li> <li>• Draw neat, labeled diagrams wherever necessary.</li> </ul>

**M.C.Q. 25 X 1 = 25**

1. How much Right lung weighs about?
 

(A) 800gms	(B) 600gms
(c) 700gms	(D) 900gms
2. Which of the following is NOT a subdivision of the parietal pleura?
 

(A) Cervical	(B) Diaphragmatic
(c) Mediastinal	(D) Visceral
3. What is the Mirror image of lower part of azygous vein?
 

(A) Portal vein	(B) Pulmonary vein
(c) Intercostal vein	(D) Hemizygous vein
4. Which among these is palpable in the suprasternal notch midway between the two clavicle ?
 

(A) Larynx	(B) Trachea
(c) Esophagus	(D) Apex of the heart
5. What does occumulation of blood in the pleural cavity is called as?
 

(A) Hemothorax	(B) Pneumothorax
(c) Pleurisy	(D) Hydropneumothorax
6. What is the tongue shape projection of left lung below the cardiac notch?
 

(A) Hilum	(B) Base
(c) Lingula	(D) Apical
7. Oesophageal opening in diaphragm at which level?
 

(A) Level of vertebra Thoracic 10	(B) Level of vertebra Thoracic 11
(c) Level of vertebra Thoracic 9	(D) Level of vertebra Thoracic 8
8. The stomach is having how many curvatures?
 

(A) 2 curvatures	(B) 3 curvatures
(c) 4 curvatures	(D) 5 curvatures
9. What is the length of the Duodenum?
 

(A) 25 cm	(B) 25 inch
(c) 45 cm	(D) 45 inch
10. Taeniae coli are present in which part?
 

(A) Small intestine	(B) Large intestine
(c) Stomach	(D) Appendix
11. The average length of which part is 2 to 20 cm?
 

(A) Small intestine	(B) Rectum
(c) Caecum	(D) Appendix
12. Which part of the pancreas present in the concavity of the duodenum?
 

(A) Head of the pancreas	(B) Neck of the pancreas
(c) Body of the pancreas	(D) Tail of the pancreas
13. Foss for gall bladder present in which part of the liver?
 

(A) Anterior surface of the liver	(B) Posterior surface of the liver
(c) Superior surface of the liver	(D) Inferior surface of the liver
14. What is the shape of Full Bladder?
 

(A) Tetrahedral	(B) Wedge
(c) Ovoid	(D) Pyriform
15. What is the length of the Ductus deference?
 

(A) 45 cm	(B) 46 cm
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- (c) 47cm (D) 48 cm
16. What is the Venous drainage of testis?  
 (A) Batson's plexus (B) Podental plexus  
 (c) Sacral plexus (D) Panniform plexus
17. Ovulation occurs at which day of 28days?  
 (A) 16th day (B) 18th day  
 (c) 14th day (D) 20th day
18. What does Salpingites is related to?  
 (A) Blood vessel (B) Fallopian tube  
 (c) Ovules (D) Prostate gland
19. What is the Shape of uterus?  
 (A) Oval (B) Pyriform  
 (c) Cuboid (D) Pyramid
20. What is called for the removing the part of Fallopian tube?  
 (A) Vasectomy (B) Tuboactomy  
 (c) Laprotomy (D) Lobactomy
21. What is the colour of ovaeries in living person?  
 (A) Whitish (B) Reddish  
 (c) Greyish–pink (D) Greyish– yellow
22. Oxytocin hormone is secreted by which gland?  
 (A) Pituitary gland (B) Thyroid gland  
 (c) Supra renal gland (D) Testes
23. Largest cranial nerve is ?  
 (A) Facial nerve (B) Vagus  
 (c) Optic (D) Trigeminal nerve
24. CSF is secreted from  
 (A) Choroid plexus (B) Acetabalum  
 (c) Meissentric plexus (D) None of the above
25. Apex Beat of the Heart is felt at  
 (A) 2nd Intercostal Space (B) 3rd Intercostal Space  
 (c) 4th Intercostal Space (D) 5th Intercostal Space

### LONG ESSAY QUESTIONS: 10 X 2 = 20

2. Explain External features and internal features of stomach with its applied anatomy  
 3. Name the organs of Urinary System. Draw a neat labelled diagram of kidney and Explain relations of right and left kidney.

### SHORT ESSAY QUESTIONS: 5 X 5 = 25

4. Explain in detail about right lung  
 5. Write the parts of small intestine , Blood supply & mesentery  
 6. Explain the peritoneum & features and its applied anatomy  
 7. Name the abdominal quadrant and abdominal layers  
 8. Name the external and internal male genital organs

### SHORT ANSWER QUESTIONS: 10 X 3 = 30

9. Explain the structure of testis  
 10. What is the situation, position & features of ovaries  
 11. Explain the layers of eye ball & describe the cornea  
 12. Anatomical Features and clinical anatomy of the middle ear  
 13. Anatomical Features & nerve supply of the tongue  
 14. Explain lateral wall of the nose and nerve supply  
 15. Name the sense organ and parts of external nose  
 16. Explain Surface Anatomy of Lungs  
 17. Name the types of meninges and write the types of Duramater.  
 18. What is neuroglia cell and write its classification.

**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS 2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 80**

**MAULIKA SIDDHANTA EVUM ASHTANG HRIDAYA**

**Q.P. Code: 4008 / 4408**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

**Question Number**

**Marks**

1. M.C.Q.

**20 X 1 = 20**

**LONG ESSAY QUESTIONS:**

**2 X 10 = 20**

2. Explain srsti utpatti karma in detail and expound ashta prakruti.

3. Write in detail about Vamana-Virechana Vidhi Adhyaya.

**SHORT ESSAY QUESTIONS:**

**5 X 5 = 25**

4. What are Dashavidha Papa karmas, explain them in detail.

5. Explain the concept of Asraya Aasrayi Bhava.

6. Explain Sapta dhatu along with its Kshaya Lakshana in detail.

7. Explain Santarpana Janya Roga and write about its Nidhana's.

8. Mention the types of Basti and describe Matra Basti in detail.

**SHORT ANSWER QUESTIONS:**

**5 X 3 = 15**

9. What is Brahma Muhurta?

10. Shukra Vega Rodha Lakshana.

11. Explain about 'Madya Varga' (Group of wines).

12. Short Note: Tarpana Vidhi

13. Define Tantra Yukti and explain any two.

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**MULTIPLE CHOICE QUESTIONS**

<b>Course:</b> BAMS 1 <sup>st</sup> Professional (RS & RS 2), January 2021	<b>Max. Marks:</b> 20 Marks
<b>Subject :</b> Maulika Siddhanta Evum Ashtang Hridaya, <b>QP Code:</b> 4008 / 4408	<b>Time:</b> 30 Minutes

**Instructions:**

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

1. Lakshana of yogya aushadha are  
(A) Bahukalpam (B) Bahulakshanam  
(C) Bahudravya (D) Bahudrava
2. Use of Ushnambu over head affects  
(A) Eyes and hairs (B) Eyes and ears  
(C) Hair and ears (D) Hair and nose
3. Samudra jala can be used for drinking in the month of  
(A) Ashada (B) Asvauja  
(C) Pravrit (D) Magham
4. Triphala does not include  
(A) Aamalaki (B) Aksha  
(C) Haritaki (D) Trijata
5. Food neither gets expelled through upper or lower orifice and not get digested this condition is called as  
(A) Alasaka (B) Vishuchika  
(C) Ama (D) Ajirna
6. Prithvi guna does not produces  
(A) Upachya (B) Vilayana  
(C) Sanghata (D) Sthairya
7. Amla rasa has  
(A) Agni and vayu (B) Agni and akash  
(C) Agni and pruthvi (D) Pruthvi and apa
8. Marmas takes part in formation of  
(A) Bahyaroga marga (B) Madhyam roga marga  
(C) Abhyantara roga marga (D) None of these
9. Bramhana is synonym of  
(A) Santarpana (B) Apatarpana  
(C) Langhana (D) Guruta
10. This gana is capable of pacifying pitta  
(A) Durvadi gana (B) Nikumbhadi gana  
(C) Madanadi gana (D) Mandanakutajadi gana
11. Ideal season to use taila for snehana is  
(A) Varsha (B) Vasanta  
(C) Sharat (D) Hemanta

12. Svedana with rukshana can be given to those who are suffering from vitiation of  
(A) Vata (B) Pitta  
(C) Kapha (D) All
13. Nishtiva kandu jwara are caused due to \_\_\_\_\_ of Vamana  
(A) Ati yoga (B) Samyak yoga  
(C) Ayoga (D) None
14. Which of the following is not the type of trividha nasya  
(A) Virechana (B) Brmhana  
(C) Shodhana (D) Shamana
15. Holding of medicinal preparations in mouth is known as  
(A) Nasya (B) Dhuma  
(C) Kabala (D) Shodhana
16. Which among the following is not the type of Gandusha  
(A) Snigdha (B) Shamana  
(C) Tikсна (D) Shodhana
17. Which of the following yantra are constructed with its mouth resembling the mouth of rskasimha kaka et  
(A) Svasthika (B) Sandamsa  
(C) Mucuti (D) None of the above
18. Which among the following yantra is used to inspect foreign body in srotas  
(A) Svasthika (B) Sandamsa  
(C) Mucuti (D) Naliyantra
19. Presence of foreign body in the vrana is represented by which of the following symptom  
(A) Shopha (swelling) (B) Sravantamsonitam (bleeding frequently)  
(C) Rujavanta (causing pain) (D) None of the above
20. In which of the following conditions ksara is used in form of a drink  
(A) Arsa (B) Agnisada  
(C) Asma (D) All of the above

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## FIRST PROFESSIONAL BAMS DEGREE EXAMINATION (RS &amp; RS2) JANUARY 2021

Time: 3 Hours

Maulik Siddhant Evum Ashtang Hridaya

Q.P. Code: 4508

Max. Marks: 100

Objective Instructions

- Each question is followed by four options.
- Pick up single best option and darken appropriate circle in OMR Sheet
- Each question carries one mark. No negative marking

Subjective Instructions

- Answers should be specific to the Questions asked.
- Draw neat, labeled diagrams wherever necessary.

**M.C.Q 25 X 1 = 25**

- One among the following age Kapha is dominated
 

(A) Childhood	(B) Youth
(c) Old age	(D) Middle age
- The procedure of Udvartana includes
 

(A) Upward massage with coorn	(B) Downward massage with bhasm
(c) Massage with oil.	(D) Head massage
- Digestive power increases during following ritu
 

(A) Hemanta	(B) Varsha
(c) Shishira	(D) Vasanta
- Samudra jala can be used for drinking in the month of
 

(A) Ashada	(B) Asvauja
(c) Pravrit	(D) Magham
- Select the option having increasing order of guruta in krutanna varga
 

(A) Manda < vilepi < peya < odana
(c) Manda < peya
(B) Manda > peya > vilepi > odana
(D) Manda > vilepi > peya > odana
- those suffers from mandaniha should take
 

(A) Abhyanga	(B) Nasya
(c) Vamana	(D) Virechana
- The main treatment for ama is
 

(A) Langhana	(B) Bhramana
(c) Stambana	(D) Snehana
- Vaishadhya is produced by
 

(A) Agni	(B) Jala
(c) Prithvi	(D) Vayu
- Kashaya rasa pacifies :
 

(A) Vata and pitta	(B) Pitta
(c) Kapha	(D) Kapha and pitta
- increase of shukra dhatu causes \_\_
 

(A) Gauravam	(B) Aatopa
(c) Atistikamata	(D) Kandu
- mala located in urdhva jatru is expled through:
 

(A) Oral route	(B) Nasal route
(c) Anal route	(D) Any one
- Bramhana is synonym of:
 

(A) Santarpana	(B) Apatarpana
(c) Langhana	(D) Guruta
- Types of shaman are :
 

(A) 10	(B) 4
(c) 5	(D) 7
- Ati-bhruhana lakshana are:
 

(A) Apaci	(B) Meha
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- (c) Udara (D) Arochka
15. Jivaniya gana does not include:  
 (A) Kakoli (B) Jivaka  
 (c) Mudga (D) Vasha
16. Eladi gana includes:  
 (A) Elayugma (B) Kushatha  
 (c) Jala (D) All of these
17. Snehapana is indicated for  
 (A) Chintaka (B) Durbala  
 (c) Sthula (D) One who has atisaara
18. Svedana is contraindicated for  
 (A) Shvasa (B) Kasa  
 (c) Anila vyadhi (D) Ati sthula
19. Vamana is indicated for those suffering from  
 (A) Arsha (B) Udavarta  
 (c) Rajayakshma (D) Timira
20. Virechana should be with \_\_\_\_\_ rasa in Pitta  
 (A) Kashaya madhura (B) Katu  
 (c) Lavana (D) Amla tikta
21. What is the length of the Uttaravastinetra for females  
 (A) Twelve angula (B) Ten angula  
 (c) Eight angula (D) Six angula
22. Which of the following is not the type of Trividha nasya  
 (A) Virechana (B) Brmhana  
 (c) Shodhana (D) Shamana
23. Type of Dhumapana Length of Dhumanetra  
 (A) 1-b 2-c 3-a (B) 1-a 2-b 3-c  
 (c) 1-c 2-b 3-a (D) None of the above
24. Drugs having following tastes are used in ropana type of gandusha  
 (A) Madhuraamlavana (B) Lavanakashaya  
 (c) Katu, Tikta and Kashaya (D) Kashaya and Tikta
25. The type of anjana prepared from kashaya amla patu and usna dravya among the following is  
 (A) Lekhana (B) Brmhana  
 (c) Drstiprasadana (D) Ropana

### LONG ESSAY QUESTIONS: 10 x 2 = 20

- Define Hetu and Explain the Chaya-Prakopa-Prashama of the Tridosha in detail.
- Explain indication and contraindication for Asthapana and Anuvasana Basti. Describe Matra Basti.

### SHORT ESSAY QUESTIONS: 5 x 5 = 25

- Write about the classifications of Vyadhi and explain Sukha sadya Vyadi.
- Write about Dharaniya Vegas in detail and write its importance.
- Explain the concept of Asraya Aasrayi Bhava
- What is Snehana, write the indications for Chaturvidha Sneha,
- Explain Aparpana janya roga and explain its management

### Short Answer Questions: 10 X 3 = 30

- Define Manas Dosha
- Define Tyajya rogi
- Describe the Varsha Ritucharya (rainy season regimen).
- Types of Jala described in Drava-Dravya Vijnaniya Adhyaya
- Short note : Anupana
- Factors responsible for roaming of Doshas from Shakha to Koshta
- Write about uses of yantras.
- Write about Kavala and mukha lepa.
- Write about Vasanta Ritucarya.
- Shape of Basti Netra and its size for different ages.

**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 80**

**PADARTHA VIGYAN  
PAPER – I**

**Q.P. Code: 4001 (RS)  
4401 (RS2)**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number**

**Marks**

1. M.C.Q.

**20 X 1 = 20**

**LONG ESSAY QUESTIONS:**

**2 X 10 = 20**

2. Explain samaana-Vruddhi Siddhanta and its importance in Ayurveda.

3. Define Ayu and Ayurveda. Write the synonyms of Ayu and explain its types.

**SHORT ESSAY QUESTIONS:**

**5 X 5 = 25**

4. Describe Sankhya Darshana and its principles.

5. Write about Dik and explain its lakshana and significance in Ayurveda.

6. Classify dravya according to Charaka & explain importance of dravya.

7. Explain the process of evolution of panchamahabhuta.

8. Write Lakshana and Qualities of Mana Atma and Dik.

**SHORT ANSWER QUESTIONS:**

**5 X 3 = 15**

9. Explain the branches of Ayurveda in short.

10. Define Karya-Karana siddhanta with examples.

11. Write Pramana according to nyayadarshana & brief pratyaksha.

12. Explain triguna.

13. Write the lakshanas of Abhava

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**MULTIPLE CHOICE QUESTIONS**

<b>Course:</b> BAMS 1 <sup>st</sup> Professional (RS & RS2), January 2021	<b>Max. Marks:</b> 20 Marks
<b>Subject :</b> Padartha Vigyan Paper – I, <b>RS QP Code: 4001, RS-2 QP Code: 4401</b>	<b>Time:</b> 30 Minutes

**Instructions :**

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

1. Ayu is also known as  
(A) Sharir (B) Satva  
(C) Indriya (D) Dhari
2. Types of Aadyatmika rogas are  
(A) Five (B) Three  
(C) Two (D) Four
3. Types of laya yoga are  
(A) Two (B) Three  
(C) Four (D) Five
4. Following is the karma of Singdha guna  
(A) Prasadana (B) Kledana  
(C) Swedhana (D) Lekhana
5. Panchamahabhuta predominance in Tikshnatva guna  
(A) Agni (B) Vayu  
(C) Prithwi (D) Akash
6. The cause of bringing one end of a substance nearer to its main body is also known a  
(A) Akunchana (B) Gamana  
(C) Apakshepana (D) Prasaran
7. One of the following is NOT synonyms of samanya  
(A) Tulyarthata (B) Aneka-samavetatvam  
(C) Vriddhibhava (D) Avibhaktabhava
8. The effect of Vishesha is as follows  
(A) Aggravation (B) Depletion  
(C) Maturation (D) Elevation
9. One among the following is not example of Darvya Vishesha  
(A) Reduction of pitta by madhura (B) Reduction of kapha by madhura  
(C) Reduction of Vata by Sneha (D) Reduction of pitta by Amala
10. The sthana of Samavaya as per Ayurveda is as follows  
(A) Five (B) Six  
(C) Seven (D) Two
11. The eternal relation present between Avayavi and Avayava is  
(A) Vishesha (B) Abhava  
(C) Samanya (D) Samavaya

12. The inseparable relation of guna and karma is due to  
(A) Samavayi karana (B) Abhav karana  
(C) Dravya karana (D) Vishesha karana
13. The term Ashraya means:  
(A) Components (B) Base  
(C) Quality (D) Number
14. Chetana dravya is divided into  
(A) Sthaavara and Jangama (B) Khanija and Kritrima  
(C) Murta and Amurta (D) Aushadha and Ahara
15. Jarayuja comes under the category of  
(A) Kuchetanadravya (B) Achetanadravya  
(C) Antashchetandravya (D) Bhahirantashchetandravya
16. Atma is a  
(A) Nitya dravya (B) Anitya dravya  
(C) Murta dravya (D) Sthira dravya
17. The example of sparsha Siddhi is  
(A) Movement of sunflower in the direction of sun (B) Fragrance of bija-puraka plants  
(C) Contraction of Lajjalu plant (D) Relishing the taste of animals by Nepenthes
18. Madhura rasa constitutes of  
(A) Prithvi and jala (B) Agni and prithvi  
(C) Prithvi and vayu (D) Jala and vayu
19. The adistana of Aap is  
(A) Jihwa (B) Nasika  
(C) Karna (D) Twacha
20. The Chaya of pitta takes place in the following ritu  
(A) Grishma (B) Varsha  
(C) Sharad (D) Shishira

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## FIRST PROFESSIONAL BAMS DEGREE EXAMINATION (RS &amp; RS2) JANUARY 2021

Time: 3 Hours

Padartha Vigyan – I Q.P. Code: 4501

Max. Marks: 100

Objective Instructions	Subjective Instructions
<ul style="list-style-type: none"> <li>Each question is followed by four options.</li> <li>Pick up single best option and darken appropriate circle in OMR Sheet</li> <li>Each question carries one mark. No negative marking</li> </ul>	<ul style="list-style-type: none"> <li>Answers should be specific to the Questions asked.</li> <li>Draw neat, labeled diagrams wherever necessary.</li> </ul>

**M.C.Q. 25 X 1 = 25**

- Synonym of Ayu
 

(A) Sharir	(B) Satva
(c) Indriya	(D) Jeevitam
- The causes of Dukkha is said as
 

(A) Dukkha marga	(B) Dukkha traya
(c) Dukkha karma	(D) Dukkha karana
- In Raja Yoga how many sutras are there
 

(A) Two hundred	(B) One hundred ninty five
(c) One hundred twenty one	(D) One hundred thirty five
- Mantra yoga mainly helps to
 

(A) Achieve the supernatural powers	(B) To get happines
(c) Atma gyana	(D) To fulfil desires
- As per Charaka the number of Buddhi Prayatnanta Gunas are
 

(A) Four	(B) Six
(c) Seven	(D) Eight
- One among the following is true about Ushna guna dravya
 

(A) Pittahara	(B) Kaphakara
(c) Vatakara	(D) Pittakara
- Milk products is the example of the guna
 

(A) Sandra	(B) Drava
(c) Sukshma	(D) Vishada
- One among the following is not true about Sara guna
 

(A) Jala mahabhuta predominant	(B) Have anulomana efficacy
(c) Gati is main action	(D) Causes Kapha vridhhi
- Sukshma guna examples include the following
 

(A) Curd	(B) Sweet
(c) Guda	(D) Madya
- The elimination of doshas via nose is known as
 

(A) Mansa karma	(B) Sharira karma
(c) Adhatmika karma	(D) Shirovirechana
- The sthana of Vaishesha as per philosophy is as follows
 

(A) Five	(B) Four
(c) Seven	(D) Three
- PRAVRITTIRUBHAYASYA explains about the following Padartha
 

(A) Abhava	(B) Vishesha
(c) Samavaya	(D) Samayoga
- One among the following is true about Samanya
 

(A) Jatibodhaka	(B) Vyaktibhodhaka
(c) Vaisadrishya	(D) Viparitabhava
- One among the following is the synonym of Abhava
 

(A) Nityasambandha	(B) Prithaktwa
(c) Bheda buddhi	(D) Anupasthiti
- The dravya with Indriya is known as
 

(A) Achetana	(B) Chetana
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- (c) Khanija (D) Kritrima
16. Virudha comes under the category of  
 (A) Kuchetanadravya (B) Achetanadravya  
 (c) Antashchetanadravya (D) Bhahirantashchetanadravya
17. The agni produced by the earth is a type of  
 (A) Bhauma agni (B) Divya agni  
 (c) Udharya agni (D) Akaraja agni
18. One among the following is the quality of Paramatma  
 (A) Alpajna (B) Nitya  
 (c) Anitya (D) Alpa shaktivan
19. Satya is the lakshana of  
 (A) Hitayu (B) Ahitayu  
 (c) Sukhayu (D) Dukhayu
20. Yuva Avastha is a feature of the following Ayu  
 (A) Hitayu (B) Ahitayu  
 (c) Sukhayu (D) Dukhayu
21. Shareera is basically composed of  
 (A) Panchanga (B) Panchamahabhuta  
 (c) Panchaindriya (D) Panchabuddhi
22. The number of siddhantas are mentioned in Ayurveda are  
 (A) Four (B) Two  
 (c) Five (D) Six
23. One of the following siddhnata is palced last .  
 (A) Pratitantra (B) Sarvatantra  
 (c) Abhyupagama (D) Adhikkara
24. Acceptance of Upamana pramana by Sushruta is considered as  
 (A) Pratitantra (B) Sarvatantra  
 (c) Abhyupagama (D) Adhikkara
25. ENT & Optholomology in Ashtanaga Ayurveda is correlated to  
 (A) Rasayana (B) Vajikarana  
 (c) Urdhwanga (D) Kaya chikitsa

### LONG ESSAY QUESTIONS: 10 X 2 = 20

- Define Ayu, its Lakshanas and classification of Ayu in detail.
- Define Darshana and explain its classification in detail.

### SHORT ESSAY QUESTIONS: 5 x 5 = 25

- Mention tridosha & explain tridosha siddhanta.
- Describe Charvaka Darshana and its principles.
- Name the constituents of shad-dhatvatmak Purusha and its importance.
- Karana Dravyas and Karya Dravyas. .
- Write a note on Prithvi Dravya & bheda. .

### SHORT ANSWER QUESTIONS: 10 X 3 = 30

- Define Ayurveda and explain Kashyapa Sampradaya
- Pancheekarana siddhanta
- Define Nastika Darshana and enlist its types
- Write classification of Chetana dravya with examples
- Write the classification of vayu mahabhoota
- Explain Chikitsa purusha
- Enumerate Gurvadi gunas
- Write the difference between Snigdha and Ruksha guna
- Write the Clinical application of Karma in Ayurveda
- Write the importance of Samavaya in Ayurveda

**1<sup>st</sup> PROFESSIONAL BAMS DEGREE EXAMINATION (RS & RS2)  
JANUARY 2021**

**Time: 3 Hours**

**Max. Marks: 80**

**KRIYA SHARIR  
PAPER – II**

**Q.P. Code: 4005 (RS)  
4405 (RS2)**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number**

**Marks**

1. M.C.Q.

**20 X 1 = 20**

**LONG ESSAY QUESTIONS:**

**2 X 10 = 20**

2. Define Ojas and explain utpatti guna and Ojavisramsa in detail.
3. Define erythropoiesis and write factors affecting it.

**SHORT ESSAY QUESTIONS:**

**5 X 5 = 25**

4. Define asthi dhatu, its formation and its function.
5. Explain kedarakulya nyaya and its applied physiology.
6. Define rtuchakra (menstrual cycle) and its phases.
7. What is mana? Write the functions of mind.
8. What is sleep and explain mechanism of sleep.

**SHORT ANSWER QUESTIONS:**

**5 X 3 = 15**

9. Explain physiology of vision and its pathway.
10. Explain atma and its gunas.
11. What is sleep and explain types of sleep.
12. Define Renin-angiotenin mechanism.
13. Name the hormones of adrenal cortex.

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**MULTIPLE CHOICE QUESTIONS**

**Course: BAMS 1<sup>st</sup> Professional (RS & RS2), January 2021**

**Max. Marks: 20 Marks**

**Subject : Kriya Sharira, Paper – II, QP Code: 4005 & 4405**

**Time: 30 Minutes**

**Instructions:**

- Each question is followed by four options.
- Pick up the single best option and darken the appropriate circle in the OMR Sheet provided.
- Each question carries one mark. No negative marking.

1. According to charaka the number of bones is  
(A) 206 (B) 460  
(C) 360 (D) 160
2. Upadhatu of asthi is  
(A) Teeth (B) Hair  
(C) Nails (D) None of the above
3. The rasavaha srotas moola is  
(A) Hrudaya (B) Pleeha  
(C) Yakrit (D) Twacha
4. Which is the site of vata  
(A) Aamashaya (B) Pakvashaya  
(C) Urah (D) Jivha
5. Upadhatu of rakta is \_\_\_\_\_  
(A) Hrudaya (B) Snayu  
(C) Srotas (D) Kandara
6. Mala of rakta dhatu is  
(A) Kapha (B) Vata  
(C) Pitta (D) Both a and b
7. Para ojas is \_\_\_\_\_  
(A) Astabindu (B) ½ anjali  
(C) Saptbindu (D) 5 anjali
8. Which dosha is also being called as ojas?  
(A) Vata (B) Pitta  
(C) C kapha (D) C vata – kapha
9. Kesha is a Upadhatu of which dhatu?  
(A) Medha (B) Asthi  
(C) Majja (D) Mamsa
10. Volume of breast milk is  
(A) 3 anjali (B) 1 anjali  
(C) 2 anjali (D) C 2.5 anjali
11. Volume of raja is \_\_\_\_\_anjali  
(A) 1 (B) 2  
(C) 3 (D) 4
12. According to charaka there are \_\_\_\_\_ layers of skin?  
(A) 5 (B) 4  
(C) 6 (D) 8

13. Waste product of rasa dhatu are  
(A) Vata (B) Pitta  
(C) Kapha (D) Swadha
14. Volume of urine is \_\_\_\_\_Anjali  
(A) 2 (B) 1  
(C) 4 (D) 7
15. Normal varna of mutra is \_\_\_\_\_  
(A) Shyama (B) Aruna  
(C) Peeta (D) Raktabha
16. Functions of purisha  
(A) Avashambha (B) Vayu-dharana  
(C) Agni-dharana (D) All of the above
17. How many karmendriyas are there?  
(A) 3 (B) 9  
(C) 5 (D) 4
18. Which type of pitta is related to mind?  
(A) Sadhaka pitta (B) Ranjaka pitta  
(C) Pachaka pitta (D) Alochaka pitta
19. How many types of sleep are there?  
(A) 6 (B) 5  
(C) 9 (D) 2
20. Sleep during day time leads to \_\_\_\_\_vridhi  
(A) Vata (B) Pitta  
(C) Kapha (D) Kapha and vata

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## FIRST PROFESSIONAL BAMS DEGREE EXAMINATION (RS &amp; RS2) JANUARY 2021

Time: 3 Hours

Kriya Sharira – II Q.P. Code: 4505

Max. Marks: 100

Objective Instructions	Subjective Instructions
<ul style="list-style-type: none"> <li>Each question is followed by four options.</li> <li>Pick up single best option and darken appropriate circle in OMR Sheet</li> <li>Each question carries one mark. No negative marking</li> </ul>	<ul style="list-style-type: none"> <li>Answers should be specific to the Questions asked.</li> <li>Draw neat, labeled diagrams wherever necessary.</li> </ul>

**M.C.Q 25 X 1 = 25**

- According to charaka the number of bones is
 

(A) 206	(B) 460
(c) 360	(D) 160
- The appearance of Shukra dhatu is
 

(A) Sphatika	(B) Taila
(c) Kshudra	(D) Ksheer
- Functions of shukra dhatu is
 

(A) Firmness, ejaculation, happiness, weakness	(B) Firmness, ejaculation, happiness, strength, conception.
(c) Ejaculation, happiness, weakness, conception	(D) Firmness, sadness, ejaculation, weakness.
- Uttama Majja sarata has
 

(A) Soft skin	(B) Rough skin
(c) Dark skin	(D) Cold skin
- Upadhatu of rakta is \_\_\_\_\_
 

(A) Hrudaya	(B) Snayu
(c) Srotas	(D) Kandara
- Quantity of Aparajala is -----
 

(A) 2Anjali	(B) 1/2anjali
(c) 8drops	(D) 5 anjali
- A person has beautiful and delicate skin because it is endowed with \_\_\_\_\_ sarata?
 

(A) Mamsa	(B) Meda
(c) Rasa	(D) Rakta
- Is not a synonyme of purisha
 

(A) Shakrit	(B) Vit
(c) Gutha	(D) Prasarava
- Vastinistoda lakshana is seen in ----- mala
 

(A) Mutra	(B) Purisha
(c) Sweda	(D) Both b and c
- Normal varna of mutra is -----
 

(A) Shyama	(B) Aruna
(c) Peeta	(D) Raktabha
- What will cause if we suppress the Nidra
 

(A) Roga avastha	(B) Vata vridhhi
(c) Kapha kshaya	(D) Pitta vridhhi
- There are ----- types of swapna
 

(A) 3	(B) 4
(c) 7	(D) 6
- The shape of the RBC is
 

(A) Biconcave	(B) Biconvex
(c) Circular	(D) Oval
- Erythropoiesis is -----
 

(A) Formation RBC	(B) Bformation WBC
(c) Cells	(D) Dnone

15. Normal size of RBC-----microns  
 (A) 6 (B) 7.2  
 (c) 9 (D) 2
16. Normal Hb level in male -----gram%  
 (A) 25 (B) 10  
 (c) 15 (D) 5
17. Skeletal muscle are -----  
 (A) Involuntary (B) Voluntary  
 (c) Striated (D) Both B and C
18. Heart is regulated CNS by -----  
 (A) Hypothalamus (B) Vasomotor centre  
 (c) Both (D) None
19. The P-wave in ECG represents  
 (A) Ventricular depolarization (B) Atrial depolarization  
 (c) Atrial repolarization (D) None
20. The AV node is located in  
 (A) Right atrium (B) Left atrium  
 (c) Interatrial septum (D) None
21. Sweat gland contains  
 (A) Water (B) Sodium chloride  
 (c) Lactic acid (D) All the above
22. Volume of semen per ejaculation is  
 (A) 2-4ml (B) 3-6ml  
 (c) 2-6 ml (D) 10-15ml
23. Ovulation occurs on -----  
 (A) 15th day (B) 13thday  
 (c) 12th day (D) 14th day
24. Each kidney consists of ?.... Nephrons  
 (A) One (B) One lac  
 (c) One million (D) None
25. The normal blood glucose level is  
 (A) 100% (B) 180%  
 (c) 60% (D) None

### LONG ESSAY QUESTIONS: 10 x 2 = 20

- Define rakta dhatu, its synonyms, gunas, karma, vriddhi and kshaya lakshanas
- Define Urine, its contents, describe the process of urine formation

### SHORT ESSAY QUESTIONS: 5 X 5 = 25

- Define Artvav and its karma
- Explain vriddhi and kshaya of mutra and purisha
- What is Mala, types and Write a short note on the dhatu mala
- Explain physiology of taste and its pathway
- Write the mechanism of actions and functions of hormone of posterior pituitary.

### SHORT ANSWER QUESTIONS: 10 X 3 = 30

- Explain ksheeradadhi nyaya and its applied physiology
- What is Ojas and explain Ojas guna
- Define suddha stanya lakshanas and its importance
- Define suddha Shukra lakshanas and its importance
- What is mana? Write the functions of mind.
- Define atma, its synonyms, and explain types in detail
- What is sleep and explain sleep apnea
- Classify white blood cells explain each type in short.
- Define adreomedullin and write its functions.
- Write the endocrine functions of kidney.