

BACHELOR OF AYURVEDIC MEDICINE & SURGERY (2021 COURSE)  
I-B.A.M.S. : SUMMER : 2024  
SUBJECT: RACHANA SHARIRA PAPER-I

Day : Monday  
Date : 29/07/2024

S-26519-1-2024

Time : 10:00 AM-01:00 PM  
Max. Marks : 20

N.B.

- 1) All questions are **COMPULSORY**.

There is no negative marking.

Q. 1 Multiple Choice Questions (M.C.Q.)

- 01] Dwidhatvatmaka purush includes \_\_\_\_\_
- |  |   |
|--|---|
| a) <input type="checkbox"/> Soumya & Agneya  | b) <input type="checkbox"/> Raja and Tama       |
| c) <input type="checkbox"/> Sharir and Aatma | d) <input type="checkbox"/> Mahat and Aahankara |
- 02] Total number of Sevani \_\_\_\_\_
- |                               |                               |
|-------------------------------|-------------------------------|
| a) <input type="checkbox"/> 8 | b) <input type="checkbox"/> 6 |
| c) <input type="checkbox"/> 5 | d) <input type="checkbox"/> 7 |
- 03] Which of the following structures represents the terminal end of Greeva and Hrudayagata Kandara?
- |                                    |  |
|------------------------------------|--|
| a) <input type="checkbox"/> Medhra | b) <input type="checkbox"/> Bimb       |
| c) <input type="checkbox"/> Nakha  | d) <input type="checkbox"/> Ansa pinda |
- 04] Which of the following structures involved in Peshi nibandhan?
- |                                    |   |
|------------------------------------|---|
| a) <input type="checkbox"/> Kurcha | b) <input type="checkbox"/> Mamsa rajju |
| c) <input type="checkbox"/> Sevani | d) <input type="checkbox"/> Jala        |
- 05] Total number of Sirajala \_\_\_\_\_
- |                                |                               |
|--------------------------------|-------------------------------|
| a) <input type="checkbox"/> 16 | b) <input type="checkbox"/> 8 |
| c) <input type="checkbox"/> 6  | d) <input type="checkbox"/> 4 |
- 06] Drushtant (Metaphor) of Sankuchita Ambujam is given for \_\_\_\_\_
- |                                     |  |
|-------------------------------------|--|
| a) <input type="checkbox"/> Hrudaya | b) <input type="checkbox"/> Yoni                   |
| c) <input type="checkbox"/> Nabhi   | d) <input type="checkbox"/> None of above a, b & c |
- 07] Veeryam is attribute of \_\_\_\_\_ bhava.
- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| a) <input type="checkbox"/> Rasaja  | b) <input type="checkbox"/> Matruja |
| c) <input type="checkbox"/> Pitruja | d) <input type="checkbox"/> Satmaja |
- 08] The nature of Aartava is \_\_\_\_\_
- |                                    |                                     |
|------------------------------------|-------------------------------------|
| a) <input type="checkbox"/> Sheeta | b) <input type="checkbox"/> Ruksha  |
| c) <input type="checkbox"/> Sthula | d) <input type="checkbox"/> Aagneya |

P.T.O.

- 09] The appendix of testis is a remnant of \_\_\_\_\_
- a) ☐ Mesonephric duct      b) ☐ Cloaca  
c) ☐ Hind duct      d) ☐ Mullerian duct
- 10] All the following are derived from ectoderm except
- a) ☐ Epidermis      b) ☐ Erector pili  
c) ☐ Nails      d) ☐ Hair follicle
- 11] The \_\_\_\_\_ is known as growing area of the bone.
- a) ☐ Diaphyses      b) ☐ Epiphyses  
c) ☐ Metaphyses      d) ☐ Chondrophyses
- 12] Nerve supply to Coracobrachialis is by the \_\_\_\_\_ Nerve
- a) ☐ Median      b) ☐ Radial  
c) ☐ Ulnar      d) ☐ Musculocutaneous
- 13] The elbow joint is classified as \_\_\_\_\_ type of joint
- a) ☐ Condylod Synovial      b) ☐ Saddle Synovial  
c) ☐ Ball and Socket Synovial      d) ☐ Hinge
- 14] Snayu which is present in Shakha and Sandhi is \_\_\_\_\_
- a) ☐ Vritta      b) ☐ Pratanvat  
c) ☐ Pruthula      d) ☐ Sushira
- 15] Radial Nerve emerges from the \_\_\_\_\_ cord of the Brachial plexus
- a) ☐ Lateral      b) ☐ Medial  
c) ☐ Posterior      d) ☐ Superior
- 16] Medial geniculate bodies are related with \_\_\_\_\_
- a) ☐ Visual pathway      b) ☐ Olfactory pathway  
c) ☐ Gustatory pathway      d) ☐ Auditory pathway
- 17] Which of the following structure found in diencephalon?
- a) ☐ Basal ganglia      b) ☐ Cerebral cortex  
c) ☐ Olfactory bulb      d) ☐ Hypothalamus
- 18] Lateral ventricles communicate with third ventricle through a \_\_\_\_\_
- a) ☐ Aqueduct of Sylvius      b) ☐ Foramen of Magendie  
c) ☐ Foramen of Monro      d) ☐ Foramen of Luschka
- 19] Which of the following sinuses lies inferiorly to the Pituitary gland?
- a) ☐ Frontal      b) ☐ Sphenoidal  
c) ☐ Ethmoid      d) ☐ Maxillary
- 20] The Pineal gland secretes \_\_\_\_\_
- a) ☐ Melatonin      b) ☐ Serotonin  
c) ☐ Melanin      d) ☐ Nor - Epinephrine



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Time : 10:00 AM-01:00 PM  
Max. Marks : 80

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right side indicate **FULL** marks.

- Q. 2 Short Answer Questions (S.A.Q.) 8X5 (40) Marks**
- 2A) Define sharir and explain Karma purusha. (05)
- 2B) Umbilical cord (05)
- 2C) Explain upper end of femur (05)
- 2D) i) Write classification of Peshi. (05)  
ii) Write origin and insertion of Pectoralis major
- 2E) Write clinical importance of examination of Kesh, Danta and Nakha (05)
- 2F) Describe types of Snayu according to Sushruta. (05)
- 2G) Describe Thoracic duct – structures and applied anatomy (05)
- 2H) Thyroid gland – external features and blood supply. (05)
- Q. 3 Long Answer Questions (L.A.Q.) 4X10 (40) Marks**
- 3A) Define Garbha and write Avayava utpatti according to Sushruta. (10)
- 3B) Describe anatomy of Radius in detail with neat labeled diagram. (10)
- 3C) Describe anatomy of Knee joint in detail with neat labeled diagram. (10)
- 3D) Explain Cerebellum in detail with neat labeled diagram. (10)

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हिंदी रूपांतर

सूचना: -

- १) सभी प्रश्न अनिवार्य हैं।
- २) दाहिने ओर दिए हुए अंक गुणों का निर्देश करते हैं।
- ३) आवश्यकता के अनुसार उचित आकृति बनाईए।

प्र. २	लघुत्तरीय प्रश्न। (8x5=40 marks)	(40 marks)
2 A)	शारीर एवं कर्मपुरुष की परिभाषा लिखिए।	(05)
2 B)	गर्भनाभी नाडी।	(05)
2 C)	ऊर्वास्थि के उर्ध्वाग्र का वर्णन कीजिए।	(05)
2 D)	i) पेशी का वर्गीकरण लिखिए।	(03)
	ii) पेक्टोरलीस मेजर पेशी का उगम एवं निवेश लिखिए।	(02)
2 E)	केश, दंत एवं नख का नैदानिक महत्त्व का वर्णन कीजिए।	(05)
2 F)	सुश्रुतोक्त स्नायू के प्रकार का वर्णन कीजिए।	(05)
2 G)	वक्षप्रणाली - संरचना एवं व्यवहारशारीर का वर्णन कीजिए।	(05)
2 H)	अवटुका ग्रंथी - का बाह्य संरचना एवं रक्त आपूर्ति का वर्णन कीजिए।	(05)
प्र. ३	दीर्घउत्तरीय प्रश्न। (4x10=40 marks)	(40 marks)
3 A)	सुश्रुतोक्त गर्भ परिभाषा एवं अवयव उत्पत्ति का सविस्तर वर्णन कीजिए।	(10)
3 B)	बहिःप्रकोष्ठास्थि का आकृति के साथ सविस्तर वर्णन कीजिए।	(10)
3 C)	जानुसंधि शारीर का आकृति के साथ सविस्तर वर्णन कीजिए।	(10)
3 D)	अनुमस्तिष्क (निमस्तिष्क) का आकृति के साथ सविस्तर वर्णन कीजिए।	(10)

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BACHELOR OF AYURVEDIC MEDICINE & SURGERY (2021 COURSE)  
I-B.A.M.S. : SUMMER : 2024  
SUBJECT: RACHANA SHARIRA PAPER-II

Day : Tuesday  
Date : 30/07/2024

S-26519-2-2024

Time : 10:00 AM-01:00 PM  
Max. Marks : 20

N.B.

- 1) All questions are **COMPULSORY**.

**Q. 1 Multiple Choice Questions (M.C.Q.)**

- 01] The sixth kala is \_\_\_\_\_  
a) ☐ Pitta dhara  
b) ☐ Purisha dhara  
c) ☐ Rakta dhara  
d) ☐ Mansa dhara
- 02] Utpatti of Hrudaya is from \_\_\_\_\_ as per Sushrut.  
a) ☐ Shonita Kitta  
b) ☐ Shonita phena  
c) ☐ Shonita - kapha  
d) ☐ Mansa - Rakta
- 03] \_\_\_\_\_ lies between external opening to vagina and internal opening to uterus.  
a) ☐ Cervical canal  
b) ☐ Fomix  
c) ☐ Fundus  
d) ☐ Isthmus
- 04] \_\_\_\_\_ does not have its impression on the spleen.  
a) ☐ Duodenum  
b) ☐ Left Kidney  
c) ☐ Pancreas  
d) ☐ Stomach
- 05] Length of the Ureter is \_\_\_\_\_  
a) ☐ 15 cm  
b) ☐ 25 cm  
c) ☐ 35 cm  
d) ☐ 45 cm
- 06] \_\_\_\_\_ is also known as Pouch of Douglas  
a) ☐ Vesico - Uterine Pouch  
b) ☐ Cervico - Uterine Pouch  
c) ☐ Recto - Uterine Pouch  
d) ☐ Pudendo - Uterine Pouch
- 07] Apex of the Heart is formed by \_\_\_\_\_  
a) ☐ Left Ventricle  
b) ☐ Left Atrium  
c) ☐ Right Ventricle  
d) ☐ Right Atrium
- 08] Average capacity of Urinary Bladder is \_\_\_\_\_  
a) ☐ 200 ml to 400 ml  
b) ☐ 400 ml to 600 ml  
c) ☐ 600 ml to 800 ml  
d) ☐ 900 ml to 1200 ml
- 09] Drushtanta (Metaphor) of drumpatra sevani is given for \_\_\_\_\_  
a) ☐ Dhamani  
b) ☐ Srotasa  
c) ☐ Sira  
d) ☐ Kala

P.T.O.

- 10] Dhatu Pooranam, Varna are the functions of \_\_\_\_\_ Sira.
- a) ☐ Vatavaha                      b) ☐ Pittavaha  
c) ☐ Raktavaha                      d) ☐ Kaphavaha
- 11] According Sushruta, Hridaya and Rasavahi Dhamani are the Moolasthan of \_\_\_\_\_ Srotasa
- a) ☐ Pranavaha                      b) ☐ Rasavaha  
c) ☐ Both A & B                      d) ☐ Raktavaha
- 12] Which of the following is the shortest part of male urethra?
- a) ☐ Membranous                      b) ☐ Bulbar  
c) ☐ Penile                      d) ☐ Prostatic
- 13] Structure not lying anterior to the left ureter is \_\_\_\_\_
- a) ☐ Gonadal artery                      b) ☐ Left colic artery  
c) ☐ Pelvic colon                      d) ☐ Left internal iliac artery
- 14] There are \_\_\_\_\_ Mandal present in Netra.
- a) ☐ 5                      b) ☐ 6  
c) ☐ 4                      d) ☐ 8
- 15] All germ layers ectoderm, mesoderm and endoderm are present in \_\_\_\_\_
- a) ☐ Heart                      b) ☐ cornea  
c) ☐ Tympanic membrane                      d) ☐ Urachus
- 16] The Anjali pramana of Meda is \_\_\_\_\_
- a) ☐ 2                      b) ☐ 4  
c) ☐ 5                      d) ☐ 8
- 17] Charnadala is vyadhi of \_\_\_\_\_ layer of twacha
- a) ☐ Sirweta                      b) ☐ Tamra  
c) ☐ Mansadhara                      d) ☐ Rohini
- 18] \_\_\_\_\_ moola sira are present in the body.
- a) ☐ 700                      b) ☐ 40  
c) ☐ 10                      d) ☐ 175
- 19] \_\_\_\_\_ Papillae are the most numerous amongst the Lingual papillae.
- a) ☐ Filiform                      b) ☐ Fungiform  
c) ☐ Vallate                      d) ☐ Foliate
- 20] Pleeha is moolasthan of \_\_\_\_\_ srotasa
- a) ☐ Rasavaha                      b) ☐ Raktavaha  
c) ☐ Medovaha                      d) ☐ Mansavaha

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- 1) All questions are **COMPULSORY**.
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**Q. 2 Short Answer Questions (S.A.Q.) 8X5 (40) Marks**

- 2A) i) Write definition of Koshtha and Ashaya. (05)  
ii) Describe clinical anatomy of stomach (Any Two)
- 2B) Define Srotasa and explain Annavaaha srotasa according to Charaka and Sushruta Samhita. (05)
- 2C) Pleura (05)
- 2D) Shrungataka Marama (05)
- 2E) Explain anatomy of Larynx (05)
- 2F) Ureter (05)
- 2G) i) Define Kala and explain Shukradhara Kala (05)  
ii) Define twacha and explain Vedini twacha in detail.
- 2H) Describe anatomy of testis with its applied anatomy. (05)

**Q. 3 Long Answer Questions (L.A.Q.) 4X10 (40) Marks**

- 3A) i) Write definition and classification of Sira according to Sushruta (10)  
ii) Describe external and internal features of right atrium with neat labelled diagram and explain applied anatomy of heart.
- 3B) i) Write definition of Marma. (10)  
ii) Explain classification of Marma according to Shadanga in detail.  
iii) Describe Apasthambha, Basti, Kshipra and Indrabasti Marma in detail with diagram.
- 3C) Explain the anatomy of Liver – External features, relations, blood supply, Applied Anatomy with neat labelled diagram (10)
- 3D) Describe anatomy of the Eye ball in detail with a neat labelled diagram. (10)

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हिंदी रूपांतर

सूचना: -

- १) सभी प्रश्न अनिवार्य हैं।
- २) दाहिने ओर दिए हुए अंक गुणों का निर्देश करते हैं।
- ३) आवश्यकता के नुसार उचित आकृति बनाईए।

प्र.२	लघुत्तरीय प्रश्न। (8x5=40 marks)	(40 marks)
2 A)	i) कोष्ठ एवं आशय की परिभाषा लिखिए।	(03)
	ii) आमाशय के व्यवहार शरीर का वर्णन कीजिए। (कोई भी दो)	(02)
2 B)	स्त्रोतस की परिभाषा लिखकर अन्नवह स्त्रोतस का चरक एवं सुश्रुत के अनुसार वर्णन कीजिए।	(05)
2 C)	फुफुसावरण की आकृति निकालिए।	(05)
2 D)	शृंगाटक मर्म	(05)
2 E)	स्वरयंत्र (काकिल) की संरचना लिखिए।	(05)
2 F)	गविनी	(05)
2 G)	i) कला की परिभाषा लिखकर शुक्रधरा कला का वर्णन कीजिए।	(03)
	ii) त्वचा की परिभाषा लिखकर वेदिकी त्वचा का सविस्तर वर्णन कीजिए।	(02)
2 H)	वृषण की संरचना लिखकर उसके व्यवहार शरीर का वर्णन कीजिए।	(05)
प्र.३	दीर्घउत्तरीय प्रश्न। (4x10=40 marks)	(40 marks)
3 A)	i) सुश्रुतोक्त सिरा की परिभाषा एवं वर्गिकरण लिखिए।	(03)
	ii) दक्षिण आलिंद के बाह्य एवं आंतरिक संरचना का आकृति के साथ वर्णन लिखकर हृदय व्यवहार शरीर का वर्णन लिखिए।	(07)
3 B)	i) मर्म की परिभाषा लिखिए।	(01)
	ii) षडङ्ग के अनुसार मर्म का वर्गिकरण सविस्तर वर्णन लिखिए।	(04)
	iii) अपस्तम्भ, बस्ति, क्षिप्र एवं इंद्रबस्ति मर्म का आकृति के साथ सविस्तर वर्णन कीजिए।	(05)
3 C)	यकृत शरीर - बाह्य संरचना, संबन्ध, रक्तआपूर्ति, व्यवहार शरीर का आकृति के साथ सविस्तर वर्णन कीजिए।	(10)
3 D)	नेत्रगोलक शरीर का आकृति के साथ सविस्तर वर्णन कीजिए।	(10)

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