

First B.A.M.S. (2021) Examination, Summer - 2023 (Phase - III)
SAMHITA ADHYAYAN - I

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **black** ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for section B.

2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) चरकसंहितेनुसार चिकित्सा चतुष्पादाचे गुण संक्षेपाने वर्णन करा.

Describe the Gunas of Chikitsa Chatushpada as per Charak Samhita in brief.

- b) अष्टांगहृदयानुसार व्यायाम लाभ, ऋतुनुसार व्यायाम मात्रा व अतिव्यायामाचे दुष्परिणाम लिहा.

Write the benefits of Vyayama and quantity (matra) of Vyamama as per Ritu as mentioned in Ashtangahridaya and also describe the signs and symptoms produced due to excess exercise.

- c) चरकसंहितेनुसार धारणीय वेगांचे सविस्तर वर्णन करा.

Describe the Dharaniya Vegas as per Charak Samhita.

- d) वातकलाकलीय अध्यायानुसार पित्तदोष व कफदोष कर्म लिहा.

Write the Karmas of Pitta dosha & Kapha dosha as per Vatakalakaliya Adhyaya.

- e) चरकसंहितेनुसार आयुर्वेद व आयु परिभाषा लिहा.
Describe Ayurveda and Ayu terminologies as per Charaksamhita.
- f) टीप लिहा - नारीकेल-उदक, दधिसेवन नियम.
Write short note on Narikela-Udaka, Dadhisevan rules.
- g) विषदाता व्यक्तीची लक्षणे लिहा. सविष अन्नाची अग्निपरिक्षा लिहा.
Write the lakshanas of VishadataVyakti. Write Agni-Parikshya of Savisha Anna.
- h) वातदोष उपक्रम लिहा.
Write Vata-dosha Upakrama.

3. दीर्घोत्तरी प्रश्न :

[4 × 10 = 40]

- a) अष्टांगहृदयानुसार व्याधीचे साध्याअसाध्यत्व वर्णन करा.
Describe Vyadhi Sadhya-asadhyatva as per Ashtang Hridaya.
- b) चरकसंहितेनुसार विसर्ग व आदान काळभेद लिहून वर्षा ऋतुमधील वातावरण, शरीरबल, अग्निबल, दोषस्थिती लिहून वर्षा ऋतुचर्या मुद्देसूद लिहा.
Write difference among Visarga and adana kala as per Charak Samhita. Also write the environmental condition, Sharirabala, Agnibalala, Doshasthiti and describe "Varsharutucharya" pointwise.
- c) धातुंची श्रेष्ठकर्मे, धातुंच्या वृद्धीची लक्षणे लिहून, धातुदुष्टिजन्य रोगांची सामान्य चिकित्सा लिहा.
Describe Shreshtakarmas of Dhatus, Dhaturvruddhi lakshanas and treatment principles of diseases caused by Dhatudushti.
- d) चरकसंहितेनुसार धारणीय व अधरणीय वेगांची नावे लहून मल, क्षवथु, मूत्र, छर्दी, शुक्र या वेगांचे धारण केल्यास उत्पन्न होणारी लक्षणे व त्यांची चिकित्सा लिहा.
Write the names of Dharaniya & Adharaniya Vega as per Charakasamhita. Write the Lakshana and chikitsa of Mala, Kshavathu, Kasa, Chhardi, Shukra vegadharana.



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SANSKRITAM EVUM AYURVED ITIHAS - I

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SECTION - B

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2. लघुत्तरी प्रश्न : (Short Answer Questions)

[8 × 5 = 40]

- a) अधोदत्तानां पदानां सन्धिं छित्वा वा योजयित्वा लिखत।
 - i) रागादि
 - ii) क्वचित् + धर्मः
 - iii) निः + सार
 - iv) विष्णुस्त्राता
 - v) द्रव्याणि + उपस्थाता
- b) अधोदत्तानां पदानां विग्रहवाक्यं समस्तपदं वा लिखत।
 - i) पञ्चतन्त्रम्
 - ii) कृष्णस्य समीपम्
 - iii) न सत्यः
 - iv) लम्बोदरः
 - v) ज्वराय हितम्

- c) अधोदत्तैः अव्ययपदैः रिक्तस्थानम् पूरयत्।
(खलु, यथा - तथा, च, विना, इति)
- वायुः पित्तं कफः त्रयो दोषाः।
 - न हि तोयात् वृत्तिः स्वस्थस्य व्याधितस्य वा।
 - भूमिः तोयम्।
 - शरीरमाद्यं धर्मसाधनम्।
 - प्रथमोऽध्यायः।
- d) शब्दरूपाणि लिखत।
- धमन्यै
 - मात्रा
 - एतस्य
 - भिषजे
 - कलायाम्
- e) उपसर्गाः स्व-वाक्येषु योजयत्।
- अधि
 - परि
 - प्र
 - अनु
 - निस्
- f) अधोदत्तैः (स्व) वाक्येषु योजयत।
- लिख् + क्त्वा
 - कथ् + तुमुन्
 - चतुरा - बालिका
 - कृष्णः - सर्पः
 - नीलम् - कमलम्
- g) धातुरूपाणि वर्णयत।
- लेखिष्यामः
 - अकथयत्
 - जायते
 - वर्धस्व
 - पश्यतु

- h) अधोदत्ते रेखाङ्कितानां पदानां कारक संबंध विशदीकृत्वा निश्चयीकृत्वा तदनुसृत्य पदानां अर्थ लिखतु।
- ब्राह्मे मुहुर्ते उत्तिष्ठेत् स्वस्थः।
 - दोषाः कोष्ठात् शाखास्थिमर्माणि यान्ति।
 - रोगी औषधेन स्वास्थ्यं लभते।
 - स्वस्थः नरः नित्यम् अभ्यङ्गम् आचरेत्।
 - वैदयः रूग्णाय औषधं ददाति।

3. दीर्घोत्तरी प्रश्न : (Long Answer Questions)

[4 × 10 = 40]

- a) उचितं शब्दरूपं विलिख्य वाक्ये योजयेत्।
- अग्नि (इकारान्त पुल्लिङ्ग) चतुर्थी एकवचन
 - अस्मद् (सर्वनाम) षष्ठी एकवचन
 - स्त्रोतस् (स्कारान्त नपु.) प्रथमा बहुवचन
 - पितृ (ऋ कारान्त पुल्लिङ्ग) पंचमी एकवचन
 - भानु (उकारान्त पुल्लिङ्ग) तृतीया एकवचन
- b) अधोउत्तेषु समस्तपदानां विग्रहवाक्यं समस्तपदम् वा समासनाम्ना सह लिखत।
- माता च पिता च
 - कोष्ठगतः
 - दिने दिने
 - कुम्भकारः
 - पंचगङ्गम्
- c) अधोदत्तैः सन्धिं छित्वा वा योजयित्वा सन्धिः सूत्रम् च लिखत।
- अष्टौ + अङ्गानि।
 - महौषधीः
 - सद् + जनः
 - इत्युक्तम्
 - प्रति + एक

d) अ) अधेदत्तस्थ धातोः प्रत्ययरूपाणि लिखत।

- i) लिख् + शतृ
- ii) वद् + क्त्वा
- iii) रच् + तुमुन्
- iv) मन् + अनीयर्
- v) लभ् + शानच्

ब) प्रयोगं विपरितमयम्।

- i) ब्राह्मणः पुस्तकानि नयति।
- ii) तेन फलं खादते।
- iii) जनाः हसन्ति।
- iv) देवदत्तः वेदं पठति।
- v) वैद्येन औषधं दीयते।



First B.A.M.S. (2021) Examination, Summer - 2023 (Phase - III)

SANSKRITAM EVUM AYURVED ITIHAS - II

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SECTION - B

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2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) अधोदत्तस्य श्लोकस्य पदच्छेदं लिखित्वा ।
रेखाङ्गितानां पदानां शब्दरूपाणि धातुरूपाणि वा लिखत ।
तत्रायदयाः मारुतं घ्नन्ति त्रयस्तिकादयः कफम् ।
कषायतिक्तमधुराः पित्तमन्ये तु कुर्वन्ते ॥ **पित्तम्**
- b) अधोदत्तस्य श्लोकस्य अन्वयम् अर्थं च लिखत ।
प्राणायामेन युक्तेन सर्वरोगक्षयो भवेत् ।
अयुक्ताभ्यासयोगेन सर्वरोगस्य संभवः ॥
- c) अधोदत्तस्य श्लोकस्य अन्वयम् अर्थं च लिखत ।
रसे रौक्ष्यं श्रमः शोषो ग्लानिः शब्दासहिष्णुता ।
रक्तेऽम्लशिशिरप्रीतिशिराशैथिल्यरुक्षताः ॥

- d) i) प्रयोगं विपरिमयत ।
 ii) विद्याया उपार्जनं क्रियते ।
 iii) विकारेण दुःखः उच्यते ।
 iv) ब्राह्मणी तडागं गच्छति ।
 v) नकुलेन अबलोक्यते ।
 vi) चत्वारो ब्राह्मणपुत्राः नगरम् वसन्ति ।
- e) अधोदत्तानाम् टिप्पणिलिखत ।
 दूष्यम्
- f) निरुक्ति तथा पर्यायवचनानि लिखत ।
 प्रकृति
- g) संस्कृत भाषायां अनुवादयेत ।

कोण्या एका नगरात देवशर्मा नावाचा ब्राह्मण राहत होता. त्याच्या बायकोने एका मुलाला जन्म दिला. त्याच दिवशी एका मुंगूसीने मुंगूसाला जन्म देऊन मरण पावली. तेव्हा त्या ब्राह्मणीने स्वतःच्या मुलाप्रमाणे त्याला दूध पाजून, आंघोळ वगैरे घालून त्याचे चांगल्या प्रकारे पोषण केले. परंतु त्याचा ब्राह्मणीला विश्वास वाटत नसे.

Long long ago there was a brahmin called Deosharma lived in a village. His wife delivered and gave birth to a male child at the same time a mungoos (female) also delivered but unfortunately expired after delivery. The kid of mungoose was well nurtured by the wife of brahmin just like her own son, but one doubt was always in her mind.

- h) मातृभाषायां अनुवादयेत ।

स्नानं नाम मनःप्रसादजननं दुःस्वप्नविध्वंसनम् ।

शौचस्यायतनं मलापहरणं संवर्धनं तेजसः ॥

रुपद्योतकरं रिपुप्रमथनं कामाग्निसंदीपनम् ।

नारीणां च मनोहरं श्रमहरं स्नाने दशैते गुणाः ॥

3. दीर्घोत्तरी प्रश्नः

[4 × 10 = 40]

- a) परिच्छेद पठित्वा संस्कृत भाषायाम् उत्तराणि लिखत ।
 तथानुष्ठिते तैः मार्गाश्रितैः अटव्यां मृतसिंहस्य अस्थीनि दृष्टानि । ततः च एकेन अभिहितम्, 'अहो अद्य विद्याप्रत्ययः क्रियते । किञ्चिदेतत् सत्त्वं मृतं तिष्ठति । तद्विद्याप्रभावेण जीवनसंहितं कुर्मः । अहम् अस्थिसंचयं करोमि ।' ततः च एकेन औत्सुक्यात् अस्थिसंचयः कृतः । द्वितीयेन चर्ममांसरुधिरं संयोजितम् । तृतीयोऽपि यावत् जीवनं संचारयति, तावत्सुबुद्धिना निषिद्धः - 'भोः, तिष्ठतु भवान् । एषः सिंहो निष्पाद्यते । यद्येन सजीवं करिष्यासि ततः सर्वानपि व्यापादयिष्यति ।' इति तेनाभिहितः स आह, - 'धिङ् मूर्ख, नाहं विद्याया विफलतां करोमि ।' ततः तेन अभिहितम् - 'तर्हि प्रतीक्षस्व क्षणं, यावदहं वृक्षमारोहामि ।' तथानुष्ठिते, यावत्सजीवः कृतस्तावत्ते त्रयोऽपि सिंहेनोत्थाय व्यापादिताः । स च पुनर्वृक्षात् अवतीर्य गृहे गतः । अतोऽहं ब्रवीमि - वरं बुद्धिः न सा विद्या इति ।
- तैः मार्गाश्रितैः अटव्या कानि दृष्टानि ?
 - ब्राह्मणपुत्रः केन प्रभावेण जीवनसंहितं कुर्मः ?
 - प्रथम ब्राह्मणपुत्रः किं करोति ?
 - द्वितीय ब्राह्मणपुत्रः किं करोति ?
 - कः ब्राह्मणपुत्रः वृक्षम् आरोहति ।
- b) अधोदत्तानाम् टिप्पणि लिखत ।
- त्रिगुणम्
 - आमम्
- c) अ) प्रश्नानाम् पूर्णवाक्येन उत्तराणि लिखत ।
- स्नानं कदा न करणीयम् ?
 - कीं व्यायामः किर्तितः ?
 - शरीरजानां दोषाणां परमौषधम् लिखत ।
 - वात दोषस्य गुण लिखत ।
 - पित्त दोषस्य स्थानं वर्णयत ।
- ब) निरुक्ति तथा पर्यायवचनानि लिखत ।
- जलम् - द्वे पर्याय पदानि लिखत ।
 - पुरिषं - द्वे पर्याय पदानि लिखत ।
 - कफः - निरुक्ति लिखत ।
 - इन्द्रियम् - निरुक्ति लिखत ।
 - रक्तं - निरुक्ति लिखत ।
- d) अधोदत्तस्य श्लोकस्य पदच्छेद विग्रहवाक्यम् अन्वयः
 वाक्यार्थं शास्त्रार्थं च लिखत
 भीतेभ्यश्चाभयं देयं, व्याधितेभ्यस्तथौषधम् ।
 देया विद्यार्थिने विद्या देयमन्नं क्षुधातुरे ॥



[Total No. of Pages : 2

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First B.A.M.S. (2021) Examination, Summer - 2023 (Phase - III)

Padarth Vigyanam - I

Total Duration : Section A+B = 3 Hours

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SECTION - B

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2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) पदार्थ लक्षण व पदार्थ विज्ञानाचा आयुर्वेदात महत्व.

Characteristics of Padartha and Importance of Padartha Vigyanam in Ayurveda.

- b) सांख्य व योग दर्शन तुलना करा.

Comparison between Samkhya & Yoga darshan.

- c) तर्कसंग्रह व चरकोक्त आत्मा लक्षण.

Characteristics of Atma as per Tarka-sangrah and Acharya Charaka.

- d) सार्थ गुण.

Saartha Guna

- e) तर्कसंग्रहानुसार कर्म व्याख्या व प्रकार.

Definition & types of Karma according to Tarksangraha.

- f) काल लक्षण व महत्व
Characteristics and Importance of Kala.
- g) अभाव प्रकारासह स्पष्ट करा.
Explain Abhava & its types.
- h) मनाचे विषय व कर्म.
Objects and actions of Mana (Mind)

3. दीर्घोत्तरी प्रश्न :

[4 × 10 = 40]

- a) सिद्धांत व्याख्या लिहून, सिद्धांत प्रकार सविस्तर लिहा, लोकपुरुष साम्य सिद्धांत स्पष्ट करा.
Write definition, types of Siddhant & explain Lok - Purusha - Samya - Siddhanta.
- b) पृथ्वी महाभूत वर्णन करा.
Explain Prithvi Mahabhoota.
- c) परादी गुण सविस्तर लिहा.
Write Paradi Gunas in detail.
- d) सामान्य विशेष सिद्धान्त प्रकारानुसार सोदाहरण स्पष्ट करा.
Explain Samanya-Vishesha theory with their types and examples.

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[Total No. of Pages : 2

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First B.A.M.S. (2021) Examination, Summer - 2023 (Phase - III)

PADARTH VIGYANAM - II

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use **black** ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
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 - 7) Use a common answer book for all section.

2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) प्रमा - प्रमेय - प्रमाता
Prama - Prameya - Pramata
- b) वाक्यार्थ ज्ञान हेतु
Vakyartha Gyana Hetu.
- c) त्रयोदश करण व त्यांची वृत्ति.
Trayodasha Karana and their Instincts / Functions.
- d) सव्याभिचार हेत्वाभास
Savyabhichar Hetwabhasa.
- e) युक्ति प्रमाण लक्षण व उदाहरण
Describe Yukti Praman with its example.

- f) उपमान प्रमाण लक्षण व आयुर्वेद मे उपयोग.
Define Upamana Pramana and explain its utility in Ayurveda.
- g) कारण व्याख्या व त्याचे प्रकार
Define Karana and enumerate its types.
- h) प्रत्यक्ष बाधक भाव
Hindrances in Direct Perception.

3. दीर्घोत्तरी प्रश्न :

[4 × 10 = 40]

- a) चरकोक्त शब्द लक्षण व प्रकार लिहून शब्दार्थ बोधक वृत्ति स्पष्ट करा.
Define Shabda and enumerate its types as per Acharya Charaka and explain Shabdārtha bodhak Vrutti.
- b) प्रत्यक्ष प्रमाण लक्षण व प्रकार लिहून आयुर्वेदात महत्व स्पष्ट करा.
Define Pratyaksha Pramana and describe its types. Elaborate its importance in Ayurveda.
- c) अनुमान प्रमाणाची व्याख्या व स्वरूप स्पष्ट करून अनुमान प्रमाणात सहाय्यभूत घटकांचे सोदाहरण वर्णन करा.
Explain definition and Characteristics of Anumana Pramana and enlist various factors with examples to understand Anumana Pramana.
- d) सत्कार्यवादाचे मुद्दे सांगून आरंभवादाद्वारे त्याचे खण्डन करा.
Critically analyse Satkaryavada and negate it with the help of Arambhavada.



First B.A.M.S. (2021) Examination, Summer - 2023 (Phase - III)

KRIYA SHARIR - I

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 7) Use a common answer book for section B.

2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) त्रिगुण - पंचमहाभूत - त्रिदोष संबंध स्पष्ट करा.

Explain the mutual relationship between triguna - panchamahabhuta - tridosha.

- b) कफ दोषाच्या प्रकारांची नावे लिहून त्यांची स्थाने व कार्ये लिहा.

Write names, location & functions of types of kapha dosha.

- c) संचय अवस्थेची सुश्रुतोक्त व्याख्या लिहून दोष संचयाची लक्षणे वर्णन करा.

Write definition of Sanchay Avastha as per Sushrut. Describe dosha sanchay lakshane.

- d) आहार द्रव्याच्या आधारावर आहाराचे वर्गीकरण लिहून आहार परिणामकर भावाचे वर्णन करा.

Classify the types of Ahara on the basis of Ahardravaya. Describe Ahar parinamkar bhava.

- e) अवस्थापकाच्या तीन अवस्थेचे नावे लिहून कफाचे उदिरण होणाऱ्या अवस्थेचे वर्णन करा.
Write the name of three stages of Avasthapaka & describe in detail one of the Avasthapaka in which production of Kapha occur.
- f) पॉसिटिव व निगेटिव फीडबॅक यंत्रणेचे उदाहरणासह सविस्तर वर्णन करा.
Describe mechanism of positive & negative feedback system with example.
- g) आमाशय (स्टमक) च्या कार्याचे वर्णन करा.
Describe functions of Stomach.
- h) क्रेनियल नर्व्हस च्या कार्याचे वर्णन करा.
Describe functions of Cranial Nerves.

3. दीर्घोत्तरी प्रश्न :

[4 × 10 = 40]

- a) पित्त दोष उत्पत्ती, निरुक्ती, सामान्य स्थान, सामान्य गुण, सामान्य कार्ये वर्णन करून पित्त दोष प्रकारांची स्थाने व कार्ये वर्णन करा.
Describe Utpatti, Nirukti, General locations, General properties & General function of Pitta dosha. Explain location & functions of types of pitta dosha.
- b) प्रकृतिची व्याख्या लिहा. वात प्रकृतिचे सविस्तर वर्णन करून प्रकृति परिक्षणाचे महत्व थोडक्यात लिहा.
Define Prakruti. Describe features of vata prakruti in detail and write importance of prakruti parikshan in brief.
- c) श्वसन प्रक्रियेचे वर्णन करून कृत्रिम श्वसन आणि हायपोक्सिया वर्णन करा.
Explain process of respiration. Describe the artificial respiration and hypoxia.
- d) मस्तिष्काच्या खालील भागांची कार्ये सविस्तर वर्णन करा.
थॅलॅमस
हायपोथॅलॅमस
सेरेबेलम
सेरेब्रम
मेंडुला ऑब्लॉण्गेटा
Describe in detail functions of following parts of brain.
Thalamus
Hypothalamus
Cerebellum
Cerebrum
Mendula Oblangata



[Total No. of Pages : 2

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First B.A.M.S. (2021) Examination, Summer - 2023 (Phase - III)
KRIYA SHARIR - II

Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

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 - 7) Use a common answer book for section B.

2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) मांसधातूचे गुणधर्म व मांससार पुरूषाची लक्षणे लिहा.

Write down properties of mamsa dhatu and characteristics of mamsasara purusha.

- b) मज्जा धातु प्रमाण व क्षय वृद्धी लक्षणे वर्णन करा.

Write praman of majja dhatu, describe Kshaya vridhhi lakshanas of majja dhatu.

- c) सुश्रुतानुसार त्वचा प्रकार वर्णन करा.

Describe the types of Twacha according to Sushrut.

- d) मनाचे गुण, विषय व कार्ये लिहा.

Write Guna, Vishay & function of Mana.

- e) रक्ता (ब्लड) ची कार्ये वर्णन करा.

Describe functions of blood.

- f) पेशी संकोच (मसल कॉन्ट्रॅक्शन) प्रक्रिया वर्णन करा.
Describe mechanism of muscle contraction.
- g) ऊजेनेसिस प्रक्रिया वर्णन करा.
Describe process of Oogenesis.
- h) वृक्क (किडनी) ची कार्ये वर्णन करा.
Describe functions of kidney.

3. दीर्घोत्तरी प्रश्न :

[4 × 10 = 40]

- a) रसधातु – निरुक्ती, उत्पत्ती, प्रकार, क्षय वृद्धी व सार लक्षणे सविस्तर वर्णन करा.
Describe in detail, Nirukti, Utpatti, Types, Kshay Vriddhi & saar lakshanas of Rasa dhatu.
- b) ओज – निर्मिती, प्रकार, कार्ये लिहून ओजोविकृतीचे सविस्तर वर्णन करा.
Describe formation, types, functions of oja, explain in detail Ojovikruti.
- c) मूत्राचे गुणधर्म व मूत्रवह स्रोतसाचे वर्णन करून आयुर्वेदानुसार मूत्रोत्पत्ती प्रक्रिया सविस्तर लिहा.
Describe the properties of Mutra and Physiology of mutravaha strotas and write down Physiology of urine formation according to Ayurveda in detail.
- d) हृत्कार्यचक्र व हृदयध्वनीचे सविस्तर वर्णन करा.
Describe Cardiac cycle and physiology of heart sounds in detail.



First B.A.M.S. (2010 / 2012 / 2017) Examination, Summer - 2023
(Phase - III)
KRIYA SHARIR - I

Total Duration : 3 Hours

Total Marks : 90

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SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहा पैकी कोणतेही पाच) :

[5 × 3 = 15]

Short answer question (any five out of six) :

- a) पुरुष वर्गीकरण लिहा.
Write Classification of Purusha.
- b) तर्पक कफाचे कार्य लिहा.
Write Functions of Tarpaka Kapha.
- c) कफ वृद्धिक्षयाची लक्षणे लिहा.
Write Vriddhikshaya lakshane of Kapha.
- d) "दोष" शब्दाची व्याख्या लिहा.
Write definition of Dosha.
- e) तामस प्रकृतिची लक्षणे.
Write Tamas prakruti lakshane.
- f) पित्ताची सामान्य स्थाने लिहा.
Write Samanya Sthan of Pittadosha.

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[6 × 5 = 30]

2. लघुत्तरी प्रश्न (सात पैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- अवस्थापाक व विपाक यातील भेद स्पष्ट करा.
Write difference between Avasthapak and Vipak.
- सामान्य विशेष सिद्धांताचे थोडक्यात वर्णन करा.
Explain Samanya Vishesh siddhant in short.
- लालास्रावी ग्रंथीचे कार्य लिहा.
Write functions of salivary glands.
- अवलंबक कफाचे स्थान, गुण, कर्म लिहा.
Write Sthan, guna, karma of Avalambaka kapha.
- वातदोषाचे कार्य स्पष्ट करा.
Explain functions of Vata-dosha.
- पाचक पित्ता चे कार्य लिहा.
Write functions of Pachak Pitta.
- षट्क्रियाकाल वर्णन करा.
Explain Shatkriyakal in short.

SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चार पैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

- प्राणवायुचे कार्य लिहून, श्वसन प्रक्रिया आयुर्वेद शास्त्रानुसार विस्ताराने लिहा.
Write functions of Pranvayu and explain Swashan Prakriya as per Ayurveda.
- प्रकृतिची व्याख्या व भेद लिहून वात प्रकृतिचे वर्णन करा.
Write definition, types of Prakruti and describe Vata prakruti.
- अग्नि चे प्रकार लिहून, जाठराग्नि चे स्थान, कार्य व अग्निपरीक्षाचे चिकित्सेच्या दृष्टिकोनातून महत्त्व स्पष्ट करा.
Write types of Agni, Write location and functions of Jatharagni and write clinical importance of Agni parikshan.
- लघ्वान्त्रगत पचनप्रक्रिया सविस्तर लिहा.
Explain in detail Digestion process in small Intestine.



First B.A.M.S. (2010)/(2012)/(2017) Examination,
Summer - 2023 (Phase - III)
KRIYA SHARIR - II

Total Duration : 3 Hours

Total Marks : 90

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 - 7) Use a common answer book for all sections.

SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहा पैकी कोणतेही पाच) : [5 × 3 = 15]
Short answer question (any five out of six) :
- a) शुद्ध आर्तव स्वरूप लिहा
Write down the nature of Shuddha Aartav.
 - b) अस्थिधातुचे कार्य लिहा
Write down functions of Asthidhatu
 - c) स्वप्नांचे प्रकार लिहा
Write down types of swapna
 - d) 'मलांचे' कार्य लिहा
Write down functions of 'Mala'
 - e) स्वादांकुराच्या कार्याचे वर्णन करा
Write down functions of taste buds
 - f) सुश्रुतोक्त त्वचा प्रकार लिहा
Write down types of skin as per Sushrut

2. लघुत्तरी प्रश्न (सात पैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- हार्दिक पेशीची वैशिष्ट्ये लिहा
Write down the special properties of cardiac muscles.
- ओजोव्यापद थोडक्यात वर्णन करा
Describe Ojovyapada in short.
- ज्ञानेंद्रियाद्वारे ज्ञानग्रहण क्रिया आयुर्वेदानुसार थोडक्यात वर्णन करा.
Describe process of receiving knowledge through sense organs as per Ayurveda in short.
- “मसतुलुंगाचे” कार्य थोडक्यात लिहा
Write down in short functions of Brain.
- मुत्रोत्पत्ती आधुनिकमतानुसार थोडक्यात वर्णन करा
Describe formation of urine as per modern.
- ओज-बल-श्लेष्मा यांचा परस्पर सम्बन्ध लिहा
Write down Relation between Oja-bala shleshma.
- पश्चिम पोषणिका ग्रंथीच्या अन्तःस्त्रावाचे कार्य लिहा
Write down the function of posterior pituitary Hormones.

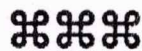
SECTION - “B” (45 Marks)

3. दीर्घोत्तरी प्रश्न (चार पैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

- शुक्रवहस्रोतस सांगुन शुक्रधातुस्वरूप, उत्पत्ति, गुण, कर्म शुद्धशुक्राची लक्षणे व शुक्रसारता व शुक्र वृद्धी व क्षय लक्षणे सविस्तर वर्णन करा.
Describe Shukravaha srotas and write in detail the consistency, formation site properties, functions suddashrukra’s Lakshanani shrukrasara and shukra vridhi kshaya Lakshanani.
- व्याधिक्षतत्व म्हणजे काय? व्याधिक्षमत्वाचे प्रकार व त्याची कार्यप्रणाली स्पष्ट करा.
What is Immunity? Explain the different types and mechanism of Immunity in detail.
- धातु व उपधातु भेद लिहून धातुचे उपधातु वर्णन करुन रसधातु च्या उपधातुचे सविस्तर वर्णन करा.
Write down difference between Dhatu and Upadhatu, write down Upadhatu of Dhatus and Describe Upadhatu of Rasa Dhatu in detail.
- हृदकार्यचक्र म्हणजे काय? हृदकार्यचक्र प्रणालीचे सविस्तर वर्णन करा.
What is cardiac cycle? Explain the mechanism of cardiac cycle in detail.



SECTION - B

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2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) शरीर व शारीर व्याख्या लिहा.
Write the definitions of Sharir and Shaarir.
- b) गर्भस्थ रक्तसंवहन आकृती.
Diagram of fetal circulation.
- c) आयुर्वेदानुसार अस्थिंची संख्या व प्रकार लिहा.
Write the number and types of Asthi according to Ayurveda.
- d) प्राकृत व विकृत दंतस्वरूप वर्णन करा.
Describe prakrut and vikrut swaroop of danta.
- e) महाप्राचिरा पेशी
Diaphragm muscle.
- f) सुश्रुतोक्त अष्टविधसंधी
Ashthavidhsandhi according to Sushrut.
- g) उपअवटुका ग्रंथी वर्णन करा.
Describe Parathyroid glands.
- h) वाम अधिवृक्क ग्रंथी
Left suprarenal gland.

3. दीर्घोत्तरी प्रश्न :

[4 × 10 = 40]

- a) सुश्रुतोक्त गर्भव्याख्या लिहून मासानुमासिक गर्भवृद्धि सविस्तर वर्णन करा.
Write the definition of garbha according to sushrut and describe masanumasik garbhavruddhi in detail.
- b) अक्षकास्थिचे सविस्तर वर्णन करा.
Describe clavicle in detail.
- c) जानुसंधी सविस्तर वर्णन करा.
Describe knee joint in detail.
- d) धम्मिलक सविस्तर वर्णन करा.
Describe cerebellum in detail.



Total Duration : Section A+B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use black ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for section B.

2. लघुत्तरी प्रश्न :

[8 × 5 = 40]

- a) आशय शरीर
Ashaya Sharir.
- b) क्षिप्र मर्म
Kshipra Marma
- c) दक्षिण आलिंद
Right Atrium
- d) दक्षिण व वाम फुफ्फुसातील फरक
Difference between Right & left lungs.
- e) मूत्रवाहिनी
Ureter
- f) बस्तीत्रिकोण
Trigone of Bladder
- g) बीज वाहिनी
Fallopian tube
- h) कर्णपटल
Tympanic membrane

3. दीर्घोत्तरी प्रश्न :

[4 × 10 = 40]

a) स्टमकची अॅनॅटोमी खालील मुद्द्यांच्या आधारे वर्णन करा.

- i) बाह्यभाग
- ii) संबंध
- iii) अंतर्भागाचे वर्णन
- iv) व्यवहार शारीर

Describe the anatomy of stomach under following heads:

- i) External features
- ii) Relations
- iii) Internal Structure
- iv) Applied Anatomy

b) मर्म - खालील मुद्द्यांच्या आधारे स्पष्ट करा.

- i) मर्माची व्याख्या
- ii) मर्माची संख्या आणि वर्गीकरण
- iii) मर्माचे शल्यतंत्रीय महत्व

Explain Marma under following heads:

- i) Definition of marma
- ii) Classification of marma with number
- iii) Importance of marma in shalya tantra

c) चरक व सुश्रुत संहितेनुसार पुढील मुद्द्यांच्या आधारे स्रोतसाचे वर्णन करा.

- i) व्याख्या
- ii) प्रकार व संख्या
- iii) स्रोतसांची नावे व त्यांची मुलस्थाने
- iv) व्यवहार शारीर

Describe Srotas according to Charak & Sushrut Samhita under following heads.

- i) Definition
- ii) Types & Numbers
- iii) Names & Moolsthanas of srotasas
- iv) Clinical application

d) आयबॉलच्या (नेत्राचे) अॅनाटॉमीकल भागाचे वर्णन करा.

Describe Anatomical Aspect of eye ball.



- a) आशय शा.
- b) क्षिप्र मर्म
- c) द. आम्बि (Rt. atrium)
- d) Diff betⁿ Rt. & Lt. lungs
- e) ureter
- f) U. bladder
- g) fallopian tube
- h) Tympanic membrane