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[Total No. of Pages: 2

# First B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 MAULIK SIDDHANT AVUM ASTANG HRIDYA

(Sutra Sthan) (BAMS-2012 syllabus is applicable to BAMS-2017 students w.e.f. Summer-2018 Exam)/ (First BAMS 2012 Syllabus is applicable to BAMS-2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

- 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.
- 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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- a) कोष्ठ भेद Types of Koshta
- b) आदान काल Aadan Kaal
- c) निद्रेचे महत्व Importance of Nidra
- d) विसूचिका Visuchika
- e) चिकित्सा चतुष्पाद chikitsa chatuspada
- f) मधुर रस कर्म Karmas fo Madhur Ras

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 $[6 \times 5 = 30]$ 

## 2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven):

- a) अनुपान. Anupan.
- b) कफदोष चिकित्सा उपक्रम. Kapha Dosh Chikitsa Upakram.
- c) चतुः स्नेह गुण व कर्म. Chatu sneha - Guna and Karma.
- d) मूर्धतैल. Murdhtail.
- e) नस्य भेद. types of Nasya.

f) सविष व निर्विष जलौका लक्षण व जलौकावचारण विधी वर्णन करा. Write Savish and Nirvish Jalouka lakshan and describe jaloukavacharan Vidhi.

g) तंत्र दोष व तंत्रगुण. Tantra Dosh and Tantra Guna.

#### SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer question (any three out of four):

- a) अधारणीय वेग, त्यामुळे होणारे व्याधी व चिकित्सा सविस्तर वर्णन करा.

  Describe Adharniya Vegas, disease caused by them and their treatment.
- b) वातदोष क्षय वृद्धी लक्षणे सांगून त्यांच्या प्रकारानूसार स्थान व कर्म लिहा. Explain Kshay Vrudhi lakshanas of Vat dosh and write Sthan and Karma according to their types.
- c) स्वेद प्रकार सांगून स्वेदविधी सविस्तर वर्णन करा. Describe types of Sweda and Sweda Vidhi in details.
- d) वमन योग्य, अयोग्य लिहून, वमन विधी सविस्तर वर्णन करा. Write Vaman Yogya and Ayogya and explain Vaman Vidhi in Detail.

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## First B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 PADARTHA VIGYAN EVUM AYURVED ITIHAS - I

(BAMS - 2012 Syllabus is applicable to BAMS - 2017 Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/black ball point pen only.

- 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.
- 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.

## SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5\times 3=15]$ 

- Short answer question (any five out of six) : a) जल महाभूत लक्षण व प्रकार लिहा.
- Write lakshana and types of Jalamahabhuta.
- b) सिद्धांत लक्षण व प्रकार लिहा. Write lakshana of siddhant and its types.
- c) अभावाचे लक्षण व प्रकार. Write lakshana and types of "Aabhav".
- d) आस्तिक व नास्तिक दर्शनांचे प्रणेता. Write Profounder of Aastik and Nastik darshanas.
- e) वायुमहाभूताचे लक्षण व प्रकार लिहा. Write lakshana and types of Vayu Mahabhutas.
- f) मनाचे आयुर्वेदात महत्व लिहा. Write importance of Mana in Ayurved.

a) अलामहाभूत लाक्ष्य न प्रकार b) ब्राह्मात त्रकार व प्रकार () अभाव व) आस्त्रक व नामिक दर्शन प्रणेता e) लाज्यास्य तहरूका र प्रकार 03132A f) मन - महत्व  $[6 \times 5 = 30]$ लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) : Short answer question (any six out of seven): व पत्म महाभूत व्यमेण व निषार ''योग'' दर्शनाचा परिचय द्या. Introduce "Yoga" Darshan. वैशेषिकांचा पिलुपाक वाद सिद्धांत लिहा. मिद्धाल (पमण b) Write Pilupak wad siddhant of vaisheshikas. अभाष एमन प आकाश महाभूत लक्षण - उत्पत्ती - गुण लिहा. G c) Write creation, lakshan and guna of Aakash mahabhuta. al झामिक, जामिक तमद्रव्याचे खण्डण करा. d) Write disapproval of "Tama Dravya". ''पुरुष'' प्रकार वर्णन करा. e) Explain types of "Purush". दिशा या द्रव्याचे आयुर्वेदात उपयोग. f) Uses of Disha-dravya in Ayurved. ''काल'' या द्रव्याचे आयुर्वेदात महत्व. g) Importance of "Kala" dravya in Ayurved. SECTION - "B" (45 Marks)  $[3 \times 15 = 45]$ दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) : 3. Long answer question (any three out of four): दर्शन म्हणजे काय? दर्शनांचे प्रकार व प्रमुख आचार्य लिह्न न्याय वैशेषिक दर्शनांचे विस्तार पूर्वक वर्णन करा. What is meant by Darshan? Write classification and main authors of Darshan. Also explain Nyaya-Vaisheshik Darshan in detail. द्रव्याचे लक्षण व प्रकार लिहा. पृथ्वी महाभूताचे लक्षण - गुण - प्रकार व आयुर्वेदात महत्व लिहा. Write types of lakshana and types of Dravya and describe Prithvi mahabhut in detail with its importance of Iakshana, guna, type in Ayurved. गुण म्हणजे काय? गुणाचे विविध प्रकार वर्णन करा. आणि ''प्रादी'' तसेच ''सार्थ'' गुणांचे वर्णन c) करुन आयुर्वेदात महत्व लिहा. What is Guna? Write various types of Guna. Describe "Paradi" and "Sartha" guna in detail with their importance in Ayurved. मन या द्रव्याचे व्याख्या, लक्षण, गुण, दोष, कर्म, विषय लिहून आयुर्वेदात महत्व व उपयोगिता d) Write definition, guna, dosha, lakshana functions objects of "Manas"

dravya. Also explain importance and utility of "Mana" in Ayurved.

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## First B.A.M.S. (2012)/(2017) Examination, Summer (Phase - II) - 2019

## PADARTHA VIGYAN EVUM AYURVED KA ITIHAS - II

(BAMS-2012 Syllabus is aplicable to BAMS-2017 students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/black ball point pen only.

- 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.
- 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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

 $[5 \times 3 = 15]$ 

- a) प्रमा आणि प्रमाता व्याख्या लिहा. Write definitions of Prama and Pramata.
- b) সাম লক্ষण. Lakshana of Apta.
- c) डल्हण. Write about Dalhana.
- d) उपमिती. Writ about Upamiti.
- e) चरकोक्त अहेतू. Charakokta Ahetu.
- f) तर्क लक्षण. Characteristic of Tarka.

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2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

a) स्वभाववाद सविस्तर लिहा.

० प्रमा , प्रमाता त्याख्या

Explain about Swabhavavada. b) परामर्श सविस्तर लिहा.

Describe 'Paramarsha'.

b. भाजायभग

c) सद्हेतू गुण धर्म. Qualities of Sadhetu.

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d) इन्द्रियार्थ सन्निकर्ष. Indriyartha Sannikarsha.

d. उपमिती

e) फॅकल्टी ऑफ आयुर्वेद बी. एच. यू. Faculty of Ayurved B.H.U.

१. यवकीका अहेतू

f) इन्द्रिय पंचपंचक Indriya Panchpanchaka.

ह तक त्प्यान.

) शक्तिग्रह हेतू. Write about Shaktigrah hetu.

#### SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer question (any three out of four):

a) कार्यकारण सिद्धान्त सविस्तर लिहून अनेकांतवादाचे महत्व लिहा.

Explain Karyakaran Siddhanta and importance of Anekantvada in detail.

b) प्रत्यक्ष बाधक हेतू लिहून, त्रयोदश करण स्पष्ट करा. Describe Pratyaksha badhak hetu and Trayodash karan in detail.

c) स्वातंत्र्योत्तर काळातील आयुर्वेदाचा विकास लिहा.

Describe the developmental activities in Ayurveda in Post-independence period.

d) अनुमान प्रमाणाचा व्याख्या प्रकार व आयुर्वेदातील महत्व लिहा.

Explain definition and types of Anuman Praman and its importance in Ayurveda.



[Total No. of Pages: 2

## First B.A.M.S. (2012)/(2017) Examination, Summer (Phase - II) - 2019 SANSKRIT

(BAMS-2012 Syllabus is applicable to BAMS-2017 students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

 $[5 \times 3 = 15]$ 

Instructions: 1)

Use blue/black ball point pen only.

- 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 2) to resort to unfair means.
- All questions are compulsory. 3)
- The number to the right indicates full marks. 4)

Draw diagrams wherever necessary.

Distribution of syllabus in Question Paper is only meant to cover 5) 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.

## SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) : Short answer questions (any five out of six): ससन्दर्भं अनुवादयेत। ससन्दर्भ अनुवाद करा.

- यथा सिंहो गजो व्याघ्रो भवेद् वश्य: शनै शनै:। तथैव सेवितो वायुरन्यथा हन्ति साधकम्।।
- सुभिक्षं कृषके नित्यं नित्यं सुखमरोगिणि। भार्या भर्तृः प्रिया यस्य तस्य नित्योत्सवं गृहम्।।
- व्याधितेन सशोकेन चिन्ताग्रस्तेन जन्तुना। c) कामार्तेनाऽथ मत्तेन दृष्टः स्वप्नो निरर्थकः॥

रूपाणि लिखत। रूपे लिहा.

- युष्मद् शब्द। d)
- पठ् धातु लृट् लकार (भविष्यकाल) e)
- सम्प्रदानकारकं स्पष्टयत। f) सम्प्रदानकारक स्पृष्ट करा.

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2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

 $[6 \times 5 = 30]$ 

Short answer questions (any six out of seven):

- a) "आभ्यन्तरप्रयत्न" स्पष्टयत।"आभ्यन्तरप्रयत्न" स्पष्ट करा.
- b) ''आधारोऽधिकरणम्'' सूत्रं स्पष्टयत। ''आधारोऽधिकरणम्'' सूत्र स्पष्ट करा.
- c) "झलां जशोऽन्ते" सूत्रं स्पष्टयत।"झलां जशोऽन्ते" सूत्र स्पष्ट करा.
- d) अनुक्रमात् ''सप्तस्नानानि'' लिखत। अनुक्रमानी सप्तस्नान लिहा.
- e) ''हंसोदकम्'' स्पष्टयत। ''हंसोदक''स्पष्ट करा.
- f) ''सप्तत्वचा'' स्पष्टयत। ''सप्तत्वचा'' स्पष्ट करा.
- g) अशुद्धिं संशोध्य शुद्ध वाक्यानि पुन: लिखत। अशुद्धि संशोधन करून शुद्ध वाक्य पुन: लिहा।
  - i) ज्ञानाय विना सुखं न भवति।
  - ii) धन्वन्तरिं नम:1
  - iii) छात्रेण सुरेश: श्रेष्ठ:।
  - iv) सः पदात् खञ्जः।
  - v) देव: महाविद्यालये गच्छन्ति।

#### SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer questions (any three out of four):

- व) 'दृन्दु समासः'' ससूत्रं सविस्तंर उदाहरणपूर्वकं लिखत।
   "दृन्दु समासः'' ससूत्र उदाहरणासिहत सविस्तर लिहा.
- b) ''अच्सन्धे:'' केषामपि पञ्जसूत्राणि उदाहरणपुर:सराणि लिखत। ''अच्सन्धितील'' कोणतेही पाच सूत्रे उदाहरणासहित लिहा.
- c) ''अन्तर्बाह्यशौच विज्ञानीय'' अध्यायस्य सारांशः सविस्तरं लिखत। ''अन्तर्बाह्यशौच विज्ञानीय'' अध्यायाचा सारांश सविस्तरं लिहा.
- d) i) आदिअन्तश्लोकसमन्विता ''लोभाविष्टचक्रधर कथा'' स्वमातृभाषायां लेख्या। आदि अन्त श्लोक लिहून ''लोभाविष्टचक्रधर कथा'' स्वमातृभाषेत लिहा.
  - ii) ''सप्तकला'' स्पष्टयत।''सप्तकला'' स्पष्ट करा.

के हैं है

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[Total No. of Pages: 2

## First B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 RACHANA SHARIR - I

(First BAMS 2012 Syllabus is Applicable to BAMS - 2010/Old/New Students w.e.f. Summer - 2018 Exam.)/(BAMS - 2012 Syllabus is applicable to BAMS - 2017 Students w.e.f. Summer - 2018 Exam.)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/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.
- 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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

Short answer question (any five out of six):

a) अंगुली प्रमाण. Anguli pramana.

- b) चिकित्साधिकृत पुरूष. Chikitsadhikrit Purusha.
- c) पित्तधरा कला. Pittadhara Kala.
- d) विषट मर्म. Vitap Marma.
- e) गर्भ व्याख्या चरक व सुश्रुतानुसार.
  Definition of Garbha according to Charak and Sushrut.
- f) सीमन्त. Simanta.

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लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

पुंबीज रचना. Structure of Spermatozoa.

हृद्याचा रक्तपुरवठा. Blood supply of Heart.

उरोस्थि गात्र. Body of Sternum.

दीर्घयामा पेशी. Sartorius Muscle.

अपरा. Placenta.

उरूपृष्ठ खात - स्थान, सीमा व घटकांची नावे.

Popliteal fossa - location, boundries and names of contents. अविभिग्न, कालांगर भागहर, मारममे रक्तकारी मन्द्र इंद्रबस्ति मर्म. g)

#### SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

Indrabasti Marma.

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

"अंसफलकास्थि" सविस्तर वर्णन करा. Describe "Scapula" in detail.

''जानुसंधी'' सविस्तर वर्णन करा. Describe "Knee Joint" in detail.

वालकोग, रन्यमावसालाहि, आसरमीकव आविद्यात गर्भवृद्धीकर भाव सविस्तर लिहा. Describe "Garbha Vriddhikar Bhava" in detail.

खालील मर्मे सविस्तर लिहा:

- i) हृदय मर्म
- ii) क्षिप्र मर्म
- विध्र मर्म

Describe following Marms in detail:

- Hridaya Marma i)
- Kshipra marma ii)
- Vidhur Marma iii)

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First B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 RACHANA SHARIR - II

(First BAMS 2012 Syllabus is applicable to BAMS-2010/Old/New students w.e.f. Summer-2018 Exam.)/(BAMS-2012 Syllabus is applicable to BAMS-2017 students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/black ball point pen only.

- 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.

## SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):
 Short answer question (any five out of six):

 $[5 \times 3 = 15]$ 

a) जिल्हा पेशी. Muscles of tongue.

- b) आमाशय शय्या. Stomach bed.
- c) कर्णपटल. Tympanic membrane.
- d) प्राणदा नाडी. Vagus nerve.
- e) यकृत अधोपृष्ठ. Inferior surface of liver.
- f) गविनी. Ureter.

9) MOST YEAR

6) Stomach bed

c) tympanic memb

e) Voyus nerve

e) Liver inferior surface

f) wreter

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 $[6 \times 5 = 30]$ 

लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

Short answer question (any six out of seven):

a) फुप्फुसावरण. Pleura.

b) अग्न्याशय स्त्राव. Pancreas Secretions.

c) प्लीहा अंगरेखांकन. Surface marking of Spleen.

d) अधिवृक्क ग्रंथीस्त्राव. Adrenal gland Hormones.

e) बालग्रंथी. Thymus gland.

f) आज्ञाकंद. Thalamus.

g) द्वारसिता. Porta hepatis.

#### SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer question (any three out of four):

सुषुम्ना कांडाचे विस्तृत वर्णन करा.
 Describe spinal cord in detail.

b) त्वचा शारीर आयुर्वेद व आधुनिकानुसार लिहा.
Write anatomy of skin as per ayurveda and modern science.

c) दक्षिण फुप्फुस आकृतिसह सविस्तर वर्णन करा. Describe right lung in detail with diagram.

 व) आमाशयाचे वर्णन खालील मुद्यांना अनुसरून करा. स्थान, बाह्यरचना, आभ्यंतर रचना, उपयोजित शारीर.

Describe stomach with reference to location, External, Internal Structure and applied anatomy

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# First B.A.M.S. (2010)/(2012)/(2017) Examination, Summer (Phase - II) - 2019 KRIYA SHARIR - I

(First BAMS 2012 Syllabus is applicable to BAMS-2010/Old/New students w.e.f. Summer-2018 Exam.)/(BAMS-2012 Syllabus is applicable to BAMS-2017 students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- दोष निरूक्ती व प्रकार लिहा.
   Write Dosha Nirukti and its types.
- b) अग्निचे प्रकार लिहा. Write types of Agni.
- c) विपाकाची व्याख्या व प्रकार लिहा. Write definition of Vipaka and its types.
- d) त्रिगुण त्रिदोष संबध लिहा. Write interrelationship of Triguna nad Tridosha.
- e) प्रकृति निर्माणकार भाव कोणते. Which are prakriti Nirmankar Bhava.
- f) पित्तदोष क्षयवृध्दि लक्षणे लिहा. Write Pittadosha kshayavriddhi Lakshana.

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रिल्लिकोस्र स्वाति प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven):

a) आमाशयिक स्त्रवाचे घटक कोणते. Write composition of Gastric juice.

b) उष्मा नियंत्रण प्रक्रिया लिहा. Phisiology of Temperature Regulation.

आहार परिणामकर भाव कोणते ते लिहा.
 Write Ahar Parinamkar Bhava.

d) आयुर्वेद शास्त्रानुसार वाक्प्रवृत्ति प्रक्रिया लिहा. Write Physiology of Vakpravritti according to Ayurveda.

e) मानसप्रकृतिचे प्रकार लिहा. Write types of Manasa Prakriti.

f) यकृताचे कार्य लिहा. Write function of liver.

g) बृहन्मस्तिष्काचे कार्य लिहा. Write function of Cerebellum.

## SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer question (any three out of four):

a) वातदोषाची निरूक्ति, पर्याय, स्थान, गुण, कर्म, वृध्दि, क्षय व लक्षणे लिहा. Write in details about Vattadosha - Niruktti, Synonyms, Location, Properties, Functions, Vriddhi, kshaya Lakshana.

b) कोष्ठ व्याख्या सांगून त्याचे प्रकार आणि त्याबद्दल सविस्तर लिहा.

Definition of Koshtha, classification and write characteristics of each types of Koshtha.

जिवनसत्वाची व्याख्या सांगुन त्याचे वर्गीकरण लिहा.
जिवनसत्व ड दररोज - नित्यसेवनमात्रा, कार्य, त्याचे अभाव व अतिसेवजन्य विकार लिहा.
Write definition of Vitamin and classification of Vitamins, Describe daily requirement does, functions and hypo and hyper Vitaminosis of Vitamin 'D'.

d) Homeostasis सविस्तर लिहा. Write in details Homeostasis.

03135B [Total No. of Pages: 2

## First B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 KRIYA SHARIR - II

(First BAMS 2012 Syllabus is applicable to BAMS-2010/Old/New students w.e.f. Summer-2018 Exam.)/(BAMS-2012 Syllabus is applicable to BAMS-2017 students w.e.f. Summer-2018 Exam.)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

- 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 2) to resort to unfair means.
- All questions are compulsory. 3)
- The number to the right indicates full marks. 4)
- Draw diagrams wherever necessary.
- Distribution of syllabus in Question Paper is only meant to cover 5) 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.

## SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) : 1.

 $[5\times3=15]$ 

- रसधातुचे स्थान व रसधातु परिणमन प्रक्रिया लिहा. Write the sthana of Rasadhatu and describe Rasadhatu Parinaman Prakriya.
- मज्जाधातु सारता लक्षणे लिहा. Write the sara lakshanas of Majjadhatu.
- मेदधातुचे गुण लिह्न मेदवृद्धी लक्षणे लिहा. Write the Guna and Vruddhi lakshanas of medadhatu.
- शुद्धशुक्राचे स्वरूप लिहा. d) Write the swarup of shudhashukra.
- रक्त गटाची नावे सांगून त्यांचे महत्व विशद करा. Write the names of blood group and importance of blood group. e)
- धातुमलांची नावे सांगून, त्यांचे प्रमाण लिहा. f) Write the names and pramana of Dhatumala.

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2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

- a) इम्युनिटी म्हणजे काय? टी सेल मेडियटेड इम्युनिटी वर्णन करा. What is immunity? Describe T. cell mediated immunity.
- b) निद्रेची उत्पत्ती, महत्त्व व भेद लिहा. Write the utpatti, importance and bheda of Nidra.
- c) आयुर्वेदानुसार रक्तधातुचे कार्य व रक्तधातु निर्मिती प्रक्रिया लिहा. Write the functions of raktadhatu and Raktadhatu Nirmiti prakriya by Ayurved.
- d) आत्म्याचे प्रकार, त्यांचे स्थान व लक्षणे लिहा. Write the types, sthana and lakshanas of Atma.
- e) शुद्ध स्तन्य व स्तन्यवृद्धी लक्षणे लिहा. Write the shuddha stanya and stanyavruddhi lakshanas.
- f) सुश्रुतोक्त त्वचेचे प्रकार सांगून, त्वचेची कार्ये लिहा. Write the types of Twacha by Sushruta and write its functions.
- g) आर्तवाचे स्वरूप व आर्तवचक्र लिहा. Write the swarup of artava and describe menstrual cycle.

## SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

- a) हार्मीन म्हणजे काय? अवदुका ग्रंथीचे सविस्तर वर्णन करा. Define hormone and describe thyroid gland in detail.
- b) मांसधातु उत्पत्ती, मांसपेशीसूत्र स्वरूप, गुण, कर्म, स्थान, मांसपेशी संकोच प्रक्रिया सविस्तर वर्णन करा.
  - Describe the Mansadhatu utpatti, composition, swarup, guna, karma, sthana and muscular contraction process in detail.
- c) मूत्राची व्याख्या, प्रमाण, व मूत्रनिर्मिती प्रक्रिया आयुर्वेद व आधुनिकानुसार वर्णन करा.

  Describe the definition, pramana, formation of urine by Ayurved and modern science.
- d) ओजाची व्याख्या, स्थान, गुण, प्रमाण, प्रकार, व कार्य सांगून ओजोव्यापद व ओजक्षय लक्षणे लिहा.

Write the definition, sthana, guna, pramana, types, functions, vyapad and kshya lakshanas of oja.



## Second B.A.M.S. (2010)/(2017) Third B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019

#### ROGA VIGYAN EVUM VIKRITI VIGYAN - II

Roga Nidan - II (Third BAMS 2012 Syllabus is applicable to BAMS 2010/Oid/New Students w.e.f. Summer-2018 Exam) / Rog Nidan evam Vikriti Vigyan - II (Third BAMS 2012 Syllabus is applicable to BAMS 2017/2010/Oid/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

Short answer question (any five out of six):

- a) वातरक्त संप्राप्ति लिहा. Write Vatarakta samprapti.
- b) परिणामशूल लक्षणे लिहा. Write Parinamshoola lakshanas.
- c) मलेरिया हेतु व लक्षणे लिहा.

Write aetiological factors & signs-symptoms of malaria.

d) टिप - मृद्भक्षणजन्य पांडु.

Write short note on Mrudbhakshanajanya Pandu.

- e) रक्तिपत्त व्याधीचे साध्यासाध्यत्व लिहा. Write Raktapitta vyadhi - sadhyaasadhyatwa.
- f) कुष्ठ व्याधीचा सप्तकोद्रव्यसंग्रह लिहा. Write Saptakodravyasangraha of Kushtha vyadhi.

## 2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

- a) संधिगत वात हेतु व संप्राप्ति सविस्तर लिहा. Write in detail hetu and samprapti of Sandhigat-Vaat.
- b) यकृतवृद्धि कारणे लिहा. Write causes of Hepatomegaly.
- c) ज्वर व्याधीचे हेतु व संप्राप्ति सविस्तर लिहा. Write Jwara hetu and samprapti in detail.
- d) प्रमेह हेतु व साध्यासाध्यत्व लिहा. Write Prameha hetu and sadhyaasadhyatva.
- e) उदर संप्राप्ति व अवस्था लिहा. Write Udar samprapti and avastha.
- f) तमकश्वास वर्णन करा. Write Tamak shwasa in detail.
- g) विसर्प व्याधीचे प्रकार लिहा. Write types of Visarpa vyadhi.

#### SECTION - "B" (45 Marks)

#### दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

- पांडुरोग निदानपंचकासिहत वर्णन करून प्रयोगशालेय परीक्षणे सविस्तर लिहा.
   Write Panduroga with its nidanpanchak and also write its laboratory investigations.
- b) हृद्रोग निदानपंचक वर्णन करून हृद्रोगी परीक्षा विधी अर्वाचीन परीक्षणांसह वर्णन करा.

  Describe Hridroga nidanpanchak and write method of examination in Hridroga with modern investigation.
- c) वातव्याधी पूर्वरूप व संप्राप्ति सांगून पक्षवध व्याधी रुग्णालयीन, प्रयोगशालेय परीक्षणांसह सविस्तर वर्णन करा.
  - Write purvarupa and samprapti of Vatavyadhi and write Pakshavadha in detail with clinical and laboratory investigations.
- d) अपस्मार व्याधी निदापंचकासहित वर्णन करा. Write Apasmara vyadhi with its nidanpanchak.



## Second B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 RASASHASTRA EVAM BHAISHAJYA KALPANA - I

(Second BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam) / (Second BAMS 2012 Syllabus is applicable to BAMS 2017/2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

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- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.

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#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- अमृतिकरण म्हणजे काय? उदाहरणासह स्पष्ट करा.
   Explain Amrutikaran with examples.
- b) यंत्राची व्याख्या लिहून दोलायंत्र वर्णन करा. Define yantra. Explain Dolayantra.
- c) मूर्च्छना व जारणा फरक लिहा. Distinguish between Jarana and Murchana.
- d) हिंगुळ प्रकार व उपयोग लिहा. Write types and uses of Hingula.
- e) गैरिक शोधन व शोधन हेत्. Gairik - Shodhana and aim of Shodhana.
- f) शिलाजतु शोधन व 2 कल्प. Shilajatu - Shodhana and 2 Kalpa.

लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

- a) पुट व्याख्या, प्रकार लिहून महापुट वर्णन करा. Write definition of puta, its type and describe Mahaputa.
- b) उपधात्चे वर्णन करा. Explain upadhatu in detail.
- c) साधारण रसांची नावे लिहून नवसागर चे पर्याची नावे व उपयोग लिहा. Write names of Sadharan rasa dravya. Write synonyms and uses of Navasagar.
- d) विष उपविषांची कार्यकारी तत्वे. Write vish-upavish dravya and their active principles.
- e) धातुची व्याख्या लिहून सुवर्णाचे सामान्य व विशेष शोधन. Define dhatu and write samanya and vishesh Shodhana of Suvarna dhatu
- f) कोष्ठीची व्याख्या लिहून, गारकोष्ठी वर्णन करा. What is Koshti? Describe Garakoshti.
- g) गंधकाचे प्रकार व ग्राह्माग्राह्मत्व लिहा. Write types and grahyagrahyatva of Gandhak.

#### SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

 $[3\times15=45]$ 

Long answer question (any three out of four):

- a) महारसांची नावे लिहून माक्षिकाचे पर्यायी नावे, ग्राह्याग्राह्यत्व, शोधन, मारण वर्णन करा. Write names of Maharasa dravya. Write synonyms, Grahyagrahyatva, Shodhana, Marana of Makshik.
- b) पर्पटीची व्याख्या, प्रकार लिहून श्वेतपर्पटीची घटकद्रव्ये, मात्रा, उपयोग लिहा.

  Define parpati, its types and write ingredients dose, uses of shweta parpati
- खालील कल्पांचे घटकद्रव्य, मात्रा, उपयोग लिहा.
  - i) हेमगर्भ पोट्टली रस
  - ii) नवायसलोह
  - iii) लघुसुतशेखर रस

Write the ingredients, dose, uses of the following Kalpa.

- i) Hemagarbha pottali rasa
- ii) Navayasloha
- iii) Laghusutshekhar rasa
- d) रत्न उपरत्न ट्याख्या, प्रकार, रत्नदोष, ग्रहसंबंध लिहून वज्र रत्नाचे सविस्तर वर्णन करा.

  Define Ratna-Uparatna, its types, ratnadosha, grahasambhandha and describe in detail vajraratna.



[Total No. of Pages: 2

## Second B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 RASASHASTRA EVAM BHAISHAJYA KALPANA - II

(Second BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam) / (Second BAMS 2012 Syllabus is applicable to BAMS 2017/2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/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.

#### SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

Short answer questions (any five out of six):

- a) धूम्रपान प्रकार, विधि व उपयोग वर्णन करा. Describe types, procedure and uses of Dhumpaan.
- b) सुरा वर्णन करा.

Describe Sura.

c) स्नेहसिद्धि लक्षणे वर्णन करा.

Describe Snehasiddhi Lakshanas.

- विविध औषधी कल्पनांचा सवीर्यताविध वर्णन करा.
  - Describe Saviryatavadhi (shelf life) of various Aushadhi kalpanas.
- e) अर्क कल्पना वर्णन करा.

Describe Arka kalpana.

f) सिक्थ तैल निर्माणविधि व उपयोग लिहा.

Write manufacturing process and uses of Siktha taila.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6 \times 5 = 30]$ 

Short answer questions (any six out of seven):

- a) नस्याचे प्रकार वर्णन करा.
   Describe types of Nasya.
- b) यूष व यवागूचे वर्णन करा. Describe Yush and Yavagu.
- पान व्याख्या, प्रकार लिहून आवश्यकता वर्णन करा.
   Define maana, describe its types and importance.
- d) खालील उपकरणांची थोडक्यात माहिती व उपयोग लिहा : (i) डिसइंटेग्रेटर (ii) एंड रन्नर Write the structure and uses of following instruments : (i) Disintegrator (ii) End Runner.
- e) क्षार व क्षारसूत्र निर्माणविधि व उपयोग लिहा. Write the method of preparation and uses of Kshara and Kshara sutra.
- f) आयुर्वेदिक औषधी कल्पांच्या मानकीकरण संदर्भात थोडक्यात माहिती लिहा.
  Write the information regarding standardization of Aurvedic formulations in brief.
- g) कवल, गंडूष व प्रतिसारण वर्णन करा. Describe Kavala, Gandoosha and Pratisarana.

#### SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही **तीन**) :

 $[3 \times 15 = 45]$ 

Long answer questions (any three out of four):

- a) भैषज्य कल्पनेचे आधारभूत सिद्धांत वर्णन करा.

  Describe fundamental principles of Bhaishajya kalpana.
- क्वाथ व्याख्या, निर्माणविधि, प्रक्षेप प्रमाण व मात्रा लिहून प्रमथ्या व क्षीरपाक कल्पना वर्णन करा.

Write the definition, manufacturing process, prakshepa praman and dose of Kwatha. Describe Pramathya and Ksheerpaka kalpana.

- c) नेत्रोपचारार्थ कल्पनांचे सविस्तर वर्णन करा.
  Describe netra upacharartha kalpana (Ophthalmic preparations) in detail.
- d) खालील कल्पांचे घटकद्रव्ये, निर्माणविधि, मात्रा व उपयोग लिहा : i) त्रिफला घृत ii) तक्रारिष्ट iii) कुमार्यासव.

Write the ingredients, manufacturing process, dose and uses of following formulations: (i) triphala ghrita (ii) takrarishta (iii) kumaryasava.



## Second B.A.M.S. (2010)/(2012)/(2017) Examination, Summer (Phase - II) - 2019

DRAVYAGUN VIGYAN - I

(Second BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam) / (Second BAMS 2012 Syllabus is applicable to BAMS 2017/2010/Old/New Students

w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

- 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 2) to resort to unfair means.
- All questions are compulsory. 3)
- The number to the right indicates full marks. 4)
- Draw diagrams wherever necessary. 5)
- 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.

## SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

Short answer question (any five out of six):

- पंचकोल घटकद्रव्ये व गुणकर्म लिहा. Write ingredients and properties of Panchakola.
- चरकोक्त गणांची वैशिष्ट्ये लिहून 'कण्ठ्य' गणातील द्रव्ये लिहा. Give the feature of Charakokta gana and write ingredients of Kanthya gana.
- द्रव्य शोधन-विधि महत्त्व लिहा. Write the importance of purification of Dravya.
- मधुररस गुणकर्म थोडक्यात वर्णन करा. d) Describe Madhur rasa gunkarma in brief.
- प्रयोगभेदाचे द्रव्यवर्गीकरण लिहा. Describe classification of dravya according to prayog bheda.
- द्रव्यसंरक्षण विधी लिहा. f) Explain Dravya Samrakshan vidhi.

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2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

a) मध्यम पंचमूल सविस्तर वर्णन करा.

Describe Madhyam Panchamool in detail.

b) समान प्रत्ययारब्ध द्रव्य व विचित्र प्रत्ययारब्ध द्रव्य वर्णन करा.
Explain the concept of saman pratyayarabdha dravya and vichitra pratyayarbdha dravya.

c) वीर्य परिभाषा लिह्न अष्टविध वीर्य वर्णन करा.

Explain veerya paribhasha along with Ashtavidha veerya.

d) अग्यौषध थोडक्यात वर्णन करा.

Explain Agryaaushadha Varga in brief.

e) द्रव्य प्रयोज्यांग वर्णन करा (विविध उपयुक्तांग). Explain different prayojyanga (useful plants parts).

f) राजनिघंटू कर्ता, काल व वैशिष्ट्ये लिहा. \*
Write the author, period and salient features of Rajnighantu.

g) चरकोक्त शुलप्रशमन, अंगमर्दप्रशमन दशेमानी वर्णन करा. Explain Charakokta Shulprashaman, Angamardprashaman Dashemani.

#### SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

a) आम्लरस उत्पत्ती, परिभाषा, गुणकर्म, अतियोग लक्षणे, रसकर्मापवाद, रसोपलब्धी व दोषधातूमला वरील कर्मे लिहा.

Explain in detail, Amlarasa Utpatti, definition, Guna karma, Atiyoga lakshana, Rasakarmapwada, Rasopalabdhi and action of an Dosha dhatu mala.

b) खालील कर्माचे वर्णन करा.

i) संशमन

ii) ग्राहि

iii) अभिष्यंदी

iv) अनुलोमन

Explain the following karmas.

i) Samshaman

ii) Grahi

iii) Abhishyandi

iv) Anuloman

c) आधुनिक शास्त्रातील कोणत्याही तीन मधुमेह हर द्रव्याचे वर्णन करा. Explain any three antidiabetic drugs in pharmacology.

d) गुण निरुक्ती, परिभाषा लिह्न गुर्वादिगुण उदाहरणासह सविस्तर वर्णन करा. Explain Guna nirukti, definition along with Gurvadi guna with examples in detail.

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## Second B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 DRAVYAGUN VIGYAN - II

(Second BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam) / (Second BAMS 2012 Syllabus is applicable to BAMS 2017/2010/Old/New Students

w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

- 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.
- All questions are compulsory.
- The number to the right indicates full marks. 4)
- Draw diagrams wherever necessary.
- 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.

#### SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

 $[5 \times 3 = 15]$ 

Short answer question (any five out of six):

वत्सनाभ या द्रव्याचे लॅटिन नाव, उत्पत्तिस्थान व शोधन विधि थोडक्यात लिहा. Write Latin name, habitate and method of purification of Vatsanabh dravya in short.

हरीद्रा द्रव्याचे रसपंचक व कल्प लिहा: b) Write Rasapanchak and kalpa of Haridra dravya.

आर्द्रक व शुंठी यांच्यातील गुण, कर्मातील फरक लिहा. c) Write difference in properties and Karma of Ardrak and Shunthi.

'द्राक्षा' या द्रव्याचे गण, प्रयोज्यांग व कर्म लिहा. d) Write gana, useful parts and action of 'Draksha' dravya.

'रसायन' कार्य कारणाऱ्या तीन द्रव्यांची लॅटिन नाव व प्रयोज्यांग लिहा. e) Write Latin names and useful parts of three dravyas which act as 'Rasayana'.

लहान मुलांच्या व्याधीत वापरल्या जाणाऱ्या तीन द्रव्यांची लॉर्टेन नाव व कल्प लिहा. f) Write Latin names and Kalpas of three drugs which are used in Balrog.

लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

'आरग्वध' या द्रव्याचे रसपंचक, दोन पर्यायी नावे अर्थासहित, प्रयोज्यांग व संग्रह विधि लिहा. Write rasapanchak, two synonyms with meaning, prayojyang and sangrah vidhi of 'Aragvadha' dravya.

b) 'किरातिक्त' या द्रव्याचे लॅटिन नाव, उत्पत्तिस्थान सांगून कार्मुकता स्पष्ट करा. Write Latin name and habitat of 'Kirat tikta' and Explain its mode of action.

c) 'तिळ' या वनस्पतीचे रसपंचक सांगून 'सर्वेषुतैलजातानां तिलतैलं विशिष्यते' हे सूत्र स्पष्ट करा. Write Rasapanchak of Til dravya and explain following sutra 'सर्वेषुतैलजातानां तिलतैलं विशिष्यते'

d) ज्योतिष्मतीचे स्वरूप, प्रयोज्यांग, कर्म सांगून कार्मुकता स्पष्ट करा.
Write swaroop, prayojyang and Karma of Jyotishmati and explain its mode of action.

स्पष्ट करा 'त्रिवृन्मूलं विरेचने श्रेष्ठम्'.
 Explain 'त्रिवृन्मूलं विरेचने श्रेष्ठम्'.

f) निंब या द्रव्याचे रसपंचक, रासायनिक संगठन व स्वरूप लिहा. Write rasapanchak, chemical composition and swaroop of Nimba dravya.

g) 'कस्तुरी' बद्दल थोडक्यात माहिती द्या. Describe 'Kasturi' in short.

#### SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer question (any three out of four):

a) गण, कुल परिचय, स्वरुप, रसपंचक, गुणकर्म, मात्रा, कल्प व आकृती या मुद्यांच्या आधारे

खालिल पैकी एका द्रव्याचे सविस्तर वर्णन करा. भृंगराज किंवा सारिवा Describe one dravya with the help of following points Gana, Kul Parichaya (Family), Swarup, Rasa Panchak, Gunakarma, Matra, Kalpa and Diagram. Bhrungraj or Sariva

b) गण, कुल परिचय, स्वरुप, रसपंचक, गुणकर्म, मात्रा, कल्प व आकृती या मुद्यांच्या आधारे खालिल पैकी एका द्रव्याचे सविस्तर वर्णन करा.

यष्ट्रीमधु किंवा भल्लातक Describe one dravya with the help of following points Gana, Kul Parichaya, (Family), Swarup, Rasa Panchak, Gunakarma, Matra, Kalpa and Diagram. Yashtimadhu or Bhallatak

c) 'दीपन-पाचन' कर्मे करणाऱ्या कोणत्याही तीन द्रव्यांची थोडक्यात परिचय देउन त्यांची कार्मुकता स्पष्ट करा. Write introduction of any three dravyas which act as 'Deepan-Pachan' and explain their mode of action.

d) खालील औषधींचे कर्म स्पष्ट करा:

- i) चित्रकाचे अर्शोध्न कर्म
- ii) धत्तुराचे श्वासघ्न कर्म

iii) पलाशाचे कृमिघ्न कर्म

Explain action of following dravyas:

- i) Chitrak-Arshoghna Karma
- ii) Dhatur-swasaghna Karma
- iii) Palash-Krimighna Karma.

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[Total No. of Pages: 2

#### Second B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 CHARAK SAMHITA - PURVARDHA

(Second BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam) / (Second BAMS 2012 Syllabus is applicable to BAMS 2017/2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/black ball point pen only.

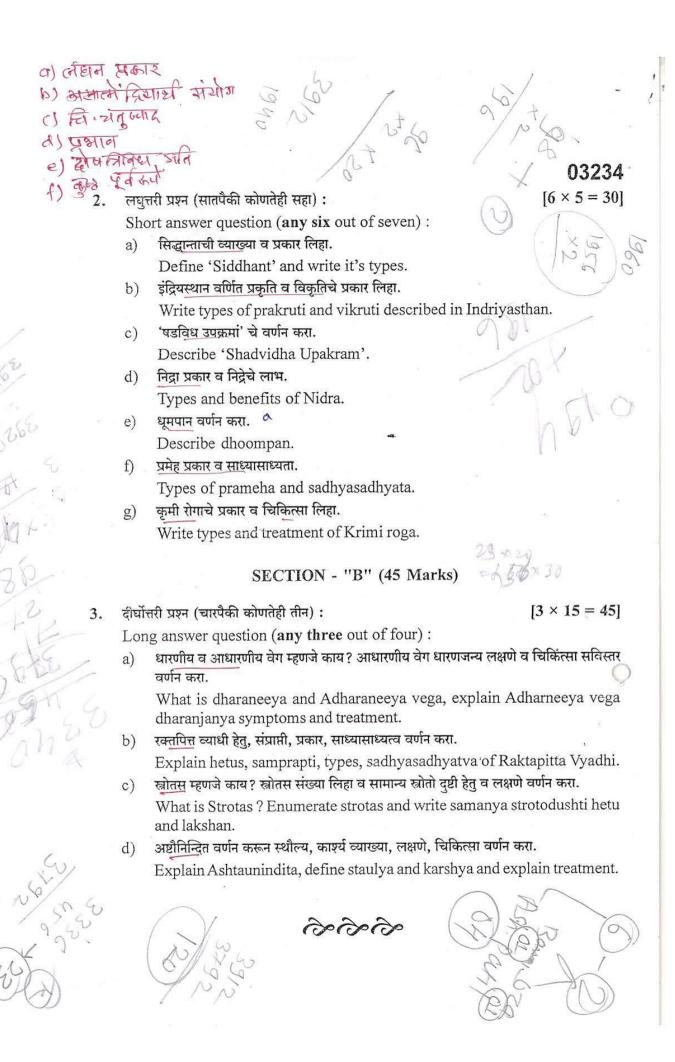
- 2) **Do not** write anything on the **blank portion of the question paper.** If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

 $[5\times3=15]$ 

- a) लंघनाचे प्रकार लिहा. Write types of Langhan
- b) असात्म्येंन्द्रियार्थ संयोग संकल्पना स्पष्ट करा. Explain concept of Asatmyendriyartha Sanyog.
- c) चिकित्सेचे चतुष्पाद वर्णन करा. Explain Chatushpad of Chikitsa.
- d) प्रभाव संकल्पना स्पष्ट करा. Describe concept of Prabhav.
- e) दोषांची त्रिविधगती लिहा. Write Trividhgati of Dosha.
- f) युष्टाची पूर्वरूपे लिहा. Write Purvaroop of Kushtha.



## Second B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 AGADTANTRA, VYAVAHAR - AYURVED EVUM VIDHIVAIDYAK

(Second B.A.M.S. 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer - 2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- a) गर्भिणी अवस्थेचे सुनिश्चित चिन्हे लिहा. Write the confirmatory signs of pregnancy.
- b) विष, मद्य व ओज यांच्या गुणांमधील फरक लिहा. Write the difference between visha, madya and oja guna.
- c) ''नऊ'' चा नियम लिहा. Rule of "nine".
- d) ''जंगम विषाची अधिष्ठाने'' उदाहरणांसहित लिहा. Write "Jangam Visha Adhishthan" with appropriate examples.
- e) डीएनए प्रोफाइलींग. DNA profiling.
- f) भल्लातकाची विष लक्षणे लिहा. Manifestations of poisoning due to Bhallataka.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

 $[6 \times 5 = 30]$ 

Short answer questions (any six out of seven):

प्रतिविषाचे प्रकार उदाहरणासहित लिहा. Write types of antidotes with examples.

b) मरणोत्तर संकोच. Rigor mortis.

c) दूषी विषा. Dooshi visha.

d) गर्भपात व्याख्या लिहा. न्याय्य गर्भपाताचे आधार स्पष्ट करा. Write definition of abortion. Explain grounds for legal abortion.

e) बलात्कारित स्त्रीची वैद्यकीय तपासणी. Medical examination of a rape victim.

एड्स चे न्यायवैद्यकीय महत्व लिहा.
Medicolegal aspects of Acquired Immuno Deficiency Syndrome (AIDS).

g) संक्रमणजन्य आहार विषाक्तता स्पष्ट करा. Explain food poisoning due to infection.

## SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer questions (any three out of four):

a) "आर्सेनिक" या विषद्रव्याचे सामान्य परिचय, विषलक्षणे, मारक मात्रा, मारक काल, चिकित्सा, मरणोत्तर स्वरूप व न्यायवैद्यकीय महत्व या मुद्यांच्या आधारे वर्णन करा.

Describe "Arsenic" poison with reference to its general introduction, manifestations of poisoning, fatal dose, fatal period, management, post mortem appearance and medicolegal importance.

b) व्रणाची न्यायवैद्यकीय परिभाषा लिहा. अभिघातज व्रणांचे प्रकार लिहून विदीर्ण व्रण व छिन्न व्रण

Write medicolegal definition of an injury. What are the types of mechanical injury? Differentiate between lacerated and incised wound.

c) आयुर्वेद व आधुनिकांनुसार सर्प वर्गीकरण लिहा. आधुनिक विषशास्त्रानुसार सर्पदंश लक्षणे व चिकित्सा स्पष्ट करा.

Write classification of snakes according to Ayurved and modern toxicology. Explain the manifestation and management of snake bite according to modern toxicology.

न्यायालयाचे प्रकार अधिकारांसहित वर्णन् करा. ''मौखिक साक्ष नोंदणी प्रक्रिया'' उदाहरणासहित स्पष्ट करा.

Describe types of courts with their powers. Explain procedure of "recording oral evidence" with example.

#### Third/Second/B.A.M.S. (2012) (2010) Examination, Summer (Phase - II) - 2019 SWASTHAVRITTA - I

(Third BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/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.
- All questions are compulsory.
- 4) The number to the right indicates full marks.
- 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.

## SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- a) 'हठयोग' व्याख्या लिहा. Define Hathayog.
- b) 'नास्ति योगात् परं बलम्' ससंदर्भ स्पष्टीकरण. Explain with reference 'Nasti Yogat Param Balam'.
- c) ऋतूसंधी वर्णन करा. Describe 'Ritusandhi'.
- d) अंजनाचे फायदे लिहा. Write benefits of Anjana.
- e) दिनचर्येची आवश्यकता लिहा. Write Necessity of Dincharya.
- f) हंसोदक वर्णन करा. Describe 'Hansodak'.

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 $[6 \times 5 = 30]$ 

लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven):

- a) विरुद्ध आहार. Virudha Aahar.
- b) आसन व व्यायाम यातील फरक लिहा. Write difference between "Aasana and Exercise".
- c) उपवास चिकित्सा वर्णन करा. Describe Fasting therapy.
- d) धारणीय वेग लिहा. Write Dharaniya Vega.
- e) पृष्ठवंश स्नान वर्णन करा. Describe spinal bath.
- f) जीवनसत्त्व 'अ' कार्ये व अभावजन्य व्याधी लिहा. Write functions and deficiency diseases of Vitamin 'A'.
- g) संतर्पणोत्थ व्याधी लिहा. Write santarpanotha vyadhi.

#### SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

- a) सुश्रुतोक्त आहार प्रकार लिहून संतुलित आहार वर्णन करा. Write types of aahar according to Sushrut & describe balanced diet.
- b) सूर्यनमस्कार सविस्तर वर्णन करा. Describe in detail Suryanamaskar.
- c) शाकाहाराचे महत्व सांगून अन्नभेसळ प्रकार सोदाहरण वर्णन करा.
  Write importance of vegetarian diet and describe food adulteration with examples.
- d) आसन व्याख्या लिहून शयनास्थितीतील चार आसनांचे वर्णन करा.

  Define 'Asana' and describe any four aasanas in supine position.



#### Third B.A.M.S. (2010) Examination, Summer (Phase - II) - 2019 KAYACHIKITSA - II

(BAMS 2010 Syllabus is applicable to BAMS 2010/Old/New Students)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

- 1) Use blue/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.

#### SECTION - A (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

Short answer questions (any five out of six):

 $[5 \times 3 = 15]$ 

- a) कुष्ठ व्याधीचे दोष, दुष्य लिहा. Write dosha, dushya of Kushta.
- b) कृमी व्याधीची सामान्य चिकित्सा लिहा. Write samanya chikitsa of Krumi.
- c) छर्दी व्याधीचे हेतु व भेद लिहा. Write hetu and Bheda of Chhardi.
- d) संधिगतवाताची चिकित्सा वर्णन करा. Write treatment of Sandhigata vata.
- e) क्षयज कास चिकित्सा लिहा. Write chikitsa of Kshayaja kasa.
- f) शोथ या लक्षणाचे व्याधी व्यवच्छेद लिहा. Write differential diagnosis of Shotha Lakshana.

2. लघुत्तरी प्रश्न (सहापैकी कोणतेही सहा):

Short answer questions (any six out of seven):

 $[6 \times 5 = 30]$ 

a) रक्तपित्त व्याधीचे प्रकार व चिकित्सा लिहा.

Write types and treatment of Raktapitta.

- b) हृद्रोग आयुर्वेदानुसार प्रकार व चिकित्सा लिहा. Write types & Chikitsa of Hridroga according to Ayurved.
- c) मूत्रकृच्छ व मूत्राघात भेद स्पष्ट करा. Write difference between Mutrakrichha and Mutraghaat.
- d) आमवात सम्प्राप्ती व चिकित्सा वर्णन करा.

  Describe samprapti and treatment of Amavata.
- e) कार्श्य चिकित्सा वर्णन करा. Explain Karshya chikitsa.
- f) विसर्प चिकित्सा लिहा. Explain Visarpa Chikitsa.
- g) वातज कास पथ्यापथ्य लिहा. Write pathyapathya of Vataj kasa.

#### SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

 $[3 \times 15 = 45]$ 

Long answer questions (any three out of four):

- a) श्वास हेतु, प्रकार व चिकित्सा सविस्तर वर्णन करा.

  Describe hetu, types and chikitsa of Shwasa vyadhi in detail.
- b) कामला हेतु, प्रकार व चिकित्सा सविस्तर वर्णन करा.

  Describe hetu, types and chikitsa of Kamala vyadhi in detail.
- c) ग्रहणी हेतु, प्रकार व चिकित्सा सविस्तर वर्णन करा.

  Describe hetu, typess and chikitsa of Grahani vyadhi in detail.
- d) कुष्ठ व्याधीची सम्प्राप्ती, भेद व चिकित्सा सविस्तर वर्णन करा.
  Write samprapti, bheda and chikitsa of Kushta in detail.

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[Total No. of Pages: 2

#### Third B.A.M.S. (2010)/Fourth B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 PANCHAKARMA

(Fourth BAMS 2012 syllabus is applicable to BAMS 2010/Old/New students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

- 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 common answerbook for all Section.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5\times 3=15]$ 

- तैल स्नेहाचे गुण व उपयोग लिहा.
   Write properties and uses of Taila sneha.
- b) पंचकर्मातील कोष्ठ परीक्षेचे महत्व लिहा. Write Importance of Koshta examination in Pancharma.
- c) वमन अतियोगाची लक्षणे व चिकित्सा लिहा. Write the lakshanas and treatments of Vamana atiyoga.
- d) अनुलोमन हा विरेचन प्रकार लिहा. Write Anulomana type of Virechana.
- e) वैतरण बस्तिचे घटक व कार्मुकत्व लिहा. Write ingradients and mode of action of Vaitarana-basti.
- f) एस. डब्ल्यू. डी. थेरपीचे उपयोग लिहा. Write uses of SWD (Short Wave Diathermy).

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 $[6 \times 5 = 30]$ 

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven):

- a) मूर्ध तैल म्हणजे काय? ते सांगून त्याचे प्रकार व उपयोग लिहा. What do you mean by Murdha-taila? describe their types and uses.
- b) विरेचनाचे सम्यक् योग, अयोग, अतियोग लक्षणे लिहा.

  Describe the symptoms of Samyaka, Ayoga, Atiyog of Virechana.
- c) वामक द्रव्यांचे गुण व कार्य वर्णन करा. Describe the properties and actions of Vamak-dravyas.
- d) संख्येनुसार बुस्तीचे प्रकार वर्णन करा.

  Describe the types of Basti according to 'Sankhya'.
- e) संसर्जन क्रमाचे महत्व सांगा व मध्यम शुद्धीसाठी संसर्जन क्रम लिहा.

  Describe Importance of Sansarjan kram and also give Sansarjan Kram for Madhyam-shudhi.
- f) आधुनिक व पारंपारिक काळात वापरली जाणारी बस्ती यंत्र वर्णन करा. Describe Basti-yantras used in modern and traditional era.
- g) अनुवासन बस्तीचे प्रधान कर्म लिहा. Describe pradhankrama of anuvasana-basti.

## SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer question (any three out of four):

- a) बस्ती अर्धचिकित्सा का सांगितली आहे. Explain Importance of Basti as Ardha-Chikitsa.
- b) चरकोक्त स्वेदन प्रकार सविस्तर लिहा. Explain the types of Swedana according to Charaka.
- c) नस्यविधी व्यापदांसह सविस्तर वर्णन करा. Explain Nasya-vidhi along with their Vyapadas.
- d) रक्तमोक्षणाचे प्रकार लिहून रक्तमोक्षणाचे कार्मुकत्व वर्णन करा. Explain the types of Raktmokshanas and their mode of action.

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[Total No. of Pages : 2

# Third B.A.M.S. (2010)(2012) Examination Summer (Phase - II) - 2019 CHARAK SAMHITA (Uttarardha)

(Third BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer - 2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

- 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.
- All questions are compulsory. 3)
- The number to the right indicates full marks. 4)

Draw diagrams wherever necessary. 5)

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.

# SECTION - A (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

 $[5 \times 3 = 15]$ 

- बस्ति सामान्य गुण. Samanya guna of Basti.
- उत्तर बस्ति. b) Uttar Basti.
- शिलाजतु रसायन. Shilajatu Rasayan.
- कफज च्छर्दी चिकित्सा. d) Treatment of Kaphaj chardi.
- हिक्का नाशन योग. Hikka Nashan yoga.
- जीमूतक पर्याय. Synonyms (Paryay) of Jeemutak.

 $[6 \times 5 = 30]$ 

# 2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer questions (any six out of seven):

- a) कल्पस्थान प्रयोजन. Kalpasthan Prayojan.
- b) वसन सम्यक लक्षण. Vaman samyak Lakshan.
- c) गृधसी चिकित्सा. Treatment of Grudhrasi.
- d) रक्तातिसार चिकित्सा. Treatment of Raktatisar.
- e) तरूण ज्वर चिकित्सा. Treatment of Tarun Jwara.
- f) धामार्गव कल्प. Dhamargava Kalpa.
- g) मृद्भक्षणज पाण्डु चिकित्सा. Treatment of Pandu due to Mrudbhakshan.

# SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer questions (any three out of four):

- a) उन्माद चिकित्सा वर्णन करा. Explain unmad chikitsa.
- b) रक्तपित्त चिकित्सा वर्णन करा. Explain Raktapitta chikitsa.
- c) वमन विरेचन व्यापद वर्णन करा. Explain Vaman Virechan Vyapad.
- d) मदनफळाचे गुण, प्रयोज्यांग, संग्रहिवधी, आमियक प्रयोग व कल्पांचे वर्णन करा.
  Explain Guna, Prayojyanga, Sangrahvidhi, Amayik prayog and Kalpa of Madanphal.

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# Third B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 ROGA NIDAN EVAM VIKRITI VIGYAN - I

(Third BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam) / (Third BAMS 2012 Syllabus is applicable to BAMS 2017/2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

- 1) Use blue/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.

#### SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- a) साम व निराम पित्ताची लक्षणे लिहा. Describe the symptoms of Sam and Niram Pitta.
- b) अष्टविध परिक्षा थोडक्यात स्पष्ट करा.

  Describe ashatvidha pariksha in short.
- c) उपद्रव लिहा.
- Write upadrava.

  ो जिव्हा परीक्षण लिहा.
  - Write examination of tongue.
- e) जीवनसत्त्व 'ड' अभावजन्य लक्षणे लिहा.
  - Write the symptoms of Vit. D deficiency.
- f) SGOT व SGPT चे नैदानिक महत्त्व. Write the diagnostic importance of SGOT and SGPT.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

- a) दोषपाक व धातुपाक वर्णन करा.

  Describe the doshpak and dhatupak.
- b) दोषगतिचे सविस्तर वर्णन करा. Describe the doshgati in details.
- c) साध्यासाध्यात्वाचे प्रकार लिहून त्याच्या प्रकाराचे उदाहरणांसह वर्णन करा.

  Describe the types of sadhyasadhyatva and its types with examples.
- d) इन्फारक्शन म्हणजे काय? सोदाहरण स्पष्ट करा. Define Infarction with examples.
- e) हायपरसेंसिटीव्हीटी वर्णन करा. Describe Hypersensitivity.
- f) अष्टौ निन्दिताचे प्रकार थोडक्यात वर्णन करा.

  Describe the types of Ashtounindit in short.
- g) प्राणवह स्रोतस दुष्टीचे हेतु व लक्षणे लिहा. Write the Hetu and lakshana of Pranvah Strotas Dushti.

#### SECTION - "B" (45 Marks)

sədkı १ əlin og: १ pur त्वांत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times15=45]$ 

Long answer question (any three out of four):

- a) "व्याधी" पर्याय व व्याख्या वर्णन करून व्याधिंचे वर्गीकरण सविस्तर लिहा.
   Write "Vyadhi" Paryay (synonyms) and definition and also write a types of Vyadhi in details.
  - b) व्याधीक्षमत्व सविस्तर वर्णन करा. Describe vyadhikshamatva in details.
  - c) षटक्रियाकाल सविस्तर वर्णन करा.

    Describe shatkriykala in details.
  - d) ''सम्प्राप्ति'' सविस्तर वर्णन करा. Describe "Samprapti" in details.



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# Third B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 PRASUTITANTRA & STREEROGA - I

(Third BAMS 2012 Syllabus is applicable to BAMS 2010 /Old/New Students w.e.f. Summer - 2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

- Use blue/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.

# SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

Short answer question (any five out of six):

 $[5 \times 3 = 15]$ 

- a) व्यक्त गर्भ लक्षणे लिहा.
  - Describe the Vyaktagarbha Lakshane.
- b) अपरा विकृती थोडक्यात वर्णन करा.
  - Describe abnormalities of placenta in short.
- c) ऋतुमती लक्षणे व महत्व वर्णन करा.
  - Explain lakshane (symptoms) and importance of Ritumati.
- d) गर्भाचे प्राकृत आसन लिहा.
  - Write Prakrut Aasan of Garbha.
- e) स्त्री श्रोणी वर्णन करा.
  - Describe Stri Shroni in short.
- f) गर्भोदकाची कार्ये लिहा.
  - Write down functions of garbhodak (Amniotic fluid).

(5 out of 6) (5×3=15)

o) व्यक्तगार्थ (62-10) 1885.

5) मरत्मारी (ठचार्ण व अटन्य वर्णन कर)

ग्राभित्र साञ्चल आसन तिला है। वर्गी भागी वर्णन करें। हो वर्गिकाची कार्य छिट लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

03321A

Short answer question (any six out of seven):

 $[6 \times 5 = 30]$ 

गर्भपोषण थोडक्यात लिहा.

Write in short - garbhaposhan.

गर्भोदकाच्या विकृती सांगून त्याची लक्षणे, चिकित्सा व उपद्रव लिहा. Write down lakshane (symptoms), chikitsa and complications of garbhodak-vikruti.

प्रसवोत्तर रक्तस्त्रावाची चिकित्सा आयुर्वेद व आधुनिक मतानुसार लिहा. Write management of P.P.H. according to Ayurved and Modern Medicine.

मृतगर्भ लक्षणे व निदान लिहा. d)

Write Mrutgarbh a lakshane and how to diagnose it?

गर्भिणी उदावर्त लक्षणे व चिकित्सा लिहा. Write lakshane and treatment of Garbhini Udavarta.

स्त्री विशिष्ठ मर्म व त्यांचे महत्व लिहा. Write Stri-vishishtha marma and their importance.

'गर्भशंकू' सचित्र वर्णन करा. g) Explain 'Garbhashanku'  $\overline{C}$  its diagram.

# SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

- सूतिका ज्वर सविस्तर लिहा (हेतू, प्रकार, लक्षणे आणि चिकित्स). Write in detail 'Sutika Jwara' (hetu, types lakshane and treatment).
- वामदेवीय प्रसव (उद्रपाटनपूर्वक प्रसव) सविस्तर लिहा. Explain L.S.C.S. in detail.
- सुश्रुतोक्त प्रसव अवस्था सांगून त्यांचे सविस्तर वर्णन परिचर्येसह लिहा. Explain Sushrutokta prasava - avastha  $\overline{C}$  their paricharya.
- गर्भिणी परीक्षण व व्यवस्था सविस्तर लिहा. d) Write in detail Ante Natal Care - (examination Investigations and management).

# Third B.A.M.S. (2010) (2012) Examination, Summer (Phase - II) - 2019 PRASUTITANTRA & STREEROGA - II

(Third BAMS 2012 Syllabus is applicable to BAMS 2010 /Old/ New Students w.e.f. Summer - 2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

- 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 2) to resort to unfair means.
- All questions are compulsory. 3)
- The number to the right indicates full marks. 4)

Draw diagrams wherever necessary.

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.

# SECTION - "A" (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच): 1.

Short answer question (any five out of six):

 $[5 \times 3 = 15]$ 

- आयुर्वेदीक गर्भनिरोधक उपाय लिहा. Write Ayurvedik contraceptive measures.
- पुष्यानुग चूर्ण मात्रा, अनुपान व उपयोग लिहा. b) Write matra, anupana and uses of pushyanug churna.
- एन्डोमेट्रीयल बायोप्सी अर्हता लिहा. Write indication of endometrial biopsy.
- आयुर्वेदोक्त व आधुनिकानुसार दोन आवीप्रादुर्भावकर द्रव्ये लिहा. Write any two drugs for induction of labour as per modern and Ayurveda.
- कस्कोज योनिविक्षण तालयंत्र उपयोगासह सचित्र वर्णन करा. Describe Cusco's vaginal wall speculum with diagram.
- एड्स प्रतिबंधक उपाय लिहा. f) Write AIDS preventive measures.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

Short answer question (any six out of seven):

 $[6 \times 5 = 30]$ 

- a) उदावर्ता योनिव्यापद लक्षणे व चिकित्सा लिहा. Write sign and symptoms and treatment of Udavarta Yonivyapada.
- b) पिचुचिकित्सा सविस्तर लिहा. Describe Pichuchikitsa.
- c) दुष्क्रीयाजन्य गर्भाशयी रक्तस्राव लक्षणे व चिकित्सा लिहा. Write sign, symptoms and treatment of Dysfunctional Uterine Bleeding (DUB).
- d) गर्भाशयप्रंथी निदान व प्रकार लिहा. Write diagnosis of fibroid uterus and its types.
- e) रज : क्षय हेतु व चिकित्सा लिहा. Write causes and treatment of Rajakshaya.
- f) योनिकंद प्रकार व लक्षणे लिहा. Write types and symptoms of Yonikanda.
- g) स्त्रीरोगामध्ये सद्य राष्ट्रीय कार्यक्रमाचे महत्व विशद करा. Explain importance of Current National programme for streeroga.

# SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

 $[3\times15=45]$ 

Long answer question (any three out of four):

- a) आयुर्वेदोक्त स्त्रीवंध्यत्वाचे प्रकार लिहा. स्त्रीवंध्यत्वाचे हेतु सांगून आयुर्वेद व आधुनिकानुसार चिकित्सा सविस्तर लिहा.
  - Write types of Female Infertility as per Ayurveda. Describe causes and treatment of strivandhyatva as per Ayurveda and modern science.
- b) कायमस्वरूपीस्त्रीवंध्यत्वीकरण शस्त्रकर्म सविस्तर लिहा.

  Describe permanent method of female surgical sterillzation in detail.
- c) स्तनविद्रधी हेतु, प्रकार, संप्राप्ति, लक्षणे व चिकित्सा लिहा. Write causes, types, samprapti, symptoms and treatment of Stanvidradhi.
- d) गर्भाशयमुखविस्तृतीकरण व लेखनशस्त्रकर्म अर्हता सांगून त्याचे पूर्व प्रधान पश्चातकर्म उपद्रवासह लिहा.

Write indications of cervical dilatation and curettage and describe preoperative-operative and postoperative procedure with its complications.



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# Fourth / Third B.A.M.S. (2012) (2010) Examination, Summer (Phase - II) - 2019 SHALYA TANTRA - II

(Fourth BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

Use blue/black ball point pen only.

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- All questions are compulsory. 3)
- The number to the right indicates full marks. 4)
- Draw diagrams wherever necessary. 5)
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# SECTION - A (45 Marks)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) : 1.

 $[5 \times 3 = 15]$ 

Short answer question (any five out of six):

पौरुषग्रंथी वृद्धीची लक्षणे लिहा.

Write down clinical features of Benign enlargement of Prostate.

- फुप्फुस जलमयता (प्लुरल इफयुजन) व्याधीची लक्षणे व परीक्षणे लिहा. b) Write down clinical features and investigation of Pleural effusion.
- परिवर्तिका व्याधीची चिकित्सा लिहा. c) Write down management of Paraphimosis.
- सुश्रतोक्त अर्श व्याधीची चिकित्सा लिहा. d) Write down treatment of Arsha as per Sushruta.
- 'उदरशूल' व्याधीचे निदान व लक्षणे लिहा. Write down differential diagnosis and signs, symptoms of 'Udarshool'
- 'फलकोषविवर्तन' व्याधीची लक्षणे लिहा. Write down clinical features of Torsion of Testis.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

 $[6\times5=30]$ 

Short answer question (any six out of seven):

भूत्राघात हेतू व प्रकार वर्णन करा. Write down etiopathogenesis and types of Mutraghata.

b) पित्ताश्मरी व्याधीची कारणे लिहा. Write down etiology of Cholelithiasis.

c) तीव्र अग्न्याशय शोथाची चिकित्सा लिहा. Write down management of Acute Pancreatitis.

d) स्तनग्रंथी (फायब्रोएडिनोमा) व्याधीची लक्षणे व चिकित्सा लिहा. Write down clinical features and treatment of Fibroadenoma of breast.

e) उर्ध्व अन्नवह स्रोतोगत रक्तस्त्रावाची कारणे लिहा. Write down causes of upper GI bleeding.

f) पायलोरीक स्टेनोसिस व्याधीची चिकित्सा लिहा. Write down treatment of Pyloric Stenosis.

g) गविनीगत अश्मरी लक्षणे व चिकित्सा लिहा. Write down signs, symptoms and treatment of Ureteric calculi.

# SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

- a) स्तनार्बुदाची कारणे, लक्षणे, निदान व शस्त्रकर्म सहित चिकित्सा लिहा. Write down causes, clinical features, diagnosis with surgical treatment of Ca Breast.
- b) भगंदर व्याधीची कारणे, लक्षणे, निदान, गुडसाल्स नियम व चिकित्सा लिहा. Write down etiology, clinical features, diagnosis, Goodsalls rule and treatment of Fistula in Ano.
- c) मूत्रजवृद्धी (हायड्रोसील) व्याधीची कारणे, लक्षणे, प्रकार, निदान व चिकित्सा लिहा. Write down causes, clinical features, types, diagnosis and treatment of Hydrocele.
- d) 'आंत्रावरोध' व्याधीची कारणे, लक्षणे, प्रकार, निदान व चिकित्सा लिहा. Write down causes, clinical features, types, diagnosis and treatment of intestinal obstruction.

किकीकी

# Fourth / Third B.A.M.S. (2012) (2010) Examination, Summer (Phase - II) - 2019 SHALAKYA TANTRA - I

(Fourth BAMS 2012 Syllabus is applicable to BAMS 2010/Old/New Students w.e.f. Summer-2018 Exam)

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

- 1) Use blue/black ball point pen only.
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- All questions are compulsory.
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# SECTION - A (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- व) नेत्ररोगाचे सामान्य हेतु लिहा.
   Write samanya hetu of Netraroga.
- b) प्रथम पटलगत दोषदृष्टिची लक्षणे लिहा. Write lakshanas of Pratham patalgat dosh-dushty.
- c) अर्जुन व्याधि लक्षणे व चिकित्सा लिहा. Write lakshanas and treatment of Arjun vyadhi.
- d) दृष्टिचे वर्णन करा. Describe Drushti.
  - सॅक सिरीजिंग वर्णन करा.
    - Describe sac syringing.
- f) नेत्रस्राव विविध कारणे लिहा.
  Write various causes of watering of eyes.

# लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6 \times 5 = 30]$ 

Short answer question (any six out of seven):

- ब्लेफॅरायटीसविषयी लिहा. Write about Blepharitis.
- नस्यकर्माचे नेत्ररोगात महत्व वर्णन करा. Describe importance of Nasyakarma in Netraroga.
- c) पर्वणी व्याधिचे लक्षणे व चिकित्सा लिहा. Write lakshanas and treatment of Parvani vyadhi.
- वर्त्म शारीर रचना वर्णन करा. d) Describe eye lid anatomy.
- तर्पण विधि लिहन कार्मुकता लिहा. Describe Tarpan vidhi and its Karmukata.
- स्टॅफिलोमा विषयी वर्णन करा. n Describe about staphyloma.
- g) निस्टॅग्मस वर्णन करा. Describe Nystagmus.

# SECTION - B (45 Marks)

# दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

- नेत्र शारीर रचना व क्रिया सविस्तर वर्णन करा. Describe in detail about anatomy and physiology of eye.
- प्यालस व्याधि सविस्तर वर्णन करून त्याचे शस्त्रकर्म लिहा. Describe in detail about puyalasa vyadhi and its operative procedure.
- अर्म व्याधि प्रकार, लक्षणे लिहन त्याचे शस्त्रकर्म लिहा. c) Write types, lakshanas of Arma vyadhi and its operative procedure.
- अधिमंथ व्याधिचे सविस्तर वर्णन करून उपाययोजना लिहा. d) Describe Adhimanth in detail and write its remedial measures.

Q.1-0 सामान्य हेत् ८ अर्जुन ८ अर्जुन व दृष्टी

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[Total No. of Pages: 2

# Fourth B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 KAYACHIKITSA - I

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/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.
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# SECTION - A (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- a) "चिकित्सा चतुष्पाद" सविस्तर लिहा. Write in details about "Chikitsa Chatushpada".
- b) दशविध परीक्षांची नावे लिहा. Write down the name of Dashvidha pariksha.
- c) कफदोषाची चिकित्सा (कफदोष चिकित्सा उपक्रम) लिहा. Write down the treatment for Kapha Dosha (Kapha Dosha-upakram).
- d) मनाचे स्थान, गुण, कर्म लिहा. Write down the Sthana (place), Guna (qualities), Karmas (functions) of Mana.
- e) अनुपानाचे महत्व लिहा. Write down the importance of Anupana.
- f) ओजक्षय लक्षणे व चिकित्सा लिहा. Write down about clinical features and treatment of 'Oja-kshaya'.

2. लघत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6\times 5=30]$ 

Short answer question (any six out of seven):

a) 'आहार विषबाधा' (food poisoning) लक्षणे, तपासणी, व चिकित्सा लिहा. Write down the clinical features, investigations, and treatment of food poisoning.

b) वार्धक्यजन्य व्याधींची चिकित्सा लिहा.

Write down the treatment of Vardhakyajanya vyadhi (Geriatric diseases).

c) थायरॉइड गॉयटरची (Thyroid Goitre) चिकित्सा लिहा. Write down treatment of Thyroid Goitre.

d) मलेरियाची चिकित्सा लिहा.

Write about management of Malaria.

e) आमवाताची चिकित्सा लिहा. Write down treatment of Aamvata.

लंघन उपक्रम सविस्तर वर्णन करा.

Describe in details about 'Langhan chikitsa'.

g) योग, निसर्गोपचार चिकित्सा पद्धतींची चिकित्सा तत्वे लिहा. Write about general principles for health maintainance and treatment in Yog and Naturopathy.

# SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

a) ज्वर प्रकार लिहून नवज्वर (तरुण ज्वराची) चिकित्सा सविस्तर लिहा. तीव्र ज्वराची आत्ययिक चिकित्सा वर्णन करा.

Write types of 'Jwar'. Write in detail about treatment of 'Nav-Jwar' (Tarun Jwar). Write emergency management of Hyperpyrexia.

b) पाण्डु प्रकार व चिकित्सा सविस्तर वर्णन करा.

Describe types of Pandu and write in details about treatment of Pandu.

c) हृद्रोग चिकित्सा सविस्तर लिहा. उच्च रक्तदाब नियंत्रक औषधी (Anti-Hypertensive drugs) सविस्तर वर्णन करा.

Write in detail about 'Hridrog Chikitsa'. Describe Anti-Hypertensive drugs in details.

d) कुष्ठ प्रकार, चिकित्सा, शोधनोपक्रम आणि कल्प सविस्तर लिहा. Write in details about Types, Treatment, Shodhan Chikitsa and Kalpa in Kushtha Chikitsa.

# ಹಿತ್ತುಕ್ಕ

# Fourth B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 KAYACHIKITSA - II

Total Duration: 3 Hours

Total Marks: 90

Instructions: 1)

1) Use blue/black ball point pen only.

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# SECTION - "A" (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

 $[5 \times 3 = 15]$ 

- क) रसायन व्याख्या व फल.
   Rasayan definition and its benefits.
- b) दैवव्यपाश्रय चिकित्सा. Daivavyapashray chikitsa.
- अर्जीर्ण प्रकार व सामान्य लक्षणे.
   Ajirna types and general symtoms.
- d) जलोदर सामान्य चिकित्सा. jalodar - general management.
- e) फीरंग लक्षणे व प्रकार. Phiranga - Lakshana and Prakar.
- f) दैन्य व हर्ष व्याख्या. Dainya and harsha - definition.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

 $[6\times 5=30]$ 

Short answer question (any six out of seven):

- a) कृमि सामान्य लक्षणे व चिकित्सा सुत्र. Krimi - general symtoms and basic principle of chikitsa.
- b) पार्कीन्सोनिझम लक्षणे व चिकित्सा. Parkinsonism - symptoms and treatment.
- c) ॲन्गझायटी लक्षणे व सामान्य चिकित्सा.
  Anxiety clinical presentation and general management.
- d) उन्माद प्रकार व सामान्य चिकित्सा. Unmad - types and general management.
- e) आचार रसायन. Achar Rasayan.
- f) कार्श्य हेतु व सामान्य चिकित्सा. Karshya - causes and general management.
- g) ध्वजभंग लक्षणे व चिकित्सा.
  Dhwaja bhanga symptoms and management.

# SECTION - "B" (45 Marks)

दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3 \times 15 = 45]$ 

Long answer question (any three out of four):

- राजयक्ष्मा व्याधी सविस्तर वर्णन करा.
   Describe Rajayakshma in detail.
- b) प्रमेह व्याधी सविस्तर वर्णन करा. Describe Prameha in detail.
- c) अपस्मार व्याधीचे हेतु, लक्षणे, सम्प्राप्ती व चिकित्सा सविस्तर लिहा.
  Write in detail causes, symptoms, pathogenesis and management of Apasmara Vyadhi.
- d) वाजीकरणांची व्याख्या, पर्याय, प्रकार, आवश्यकता व उपयुक्तता लिहा. Write definition synonyms, types, necessity and benefits Vajikarna.



# Fourth B.A.M.S. (2012) Examination, Summer (Phase - II) - 2019 RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Total Duration: 2 Hours

Total Marks: 44

Instructions: 1)

1) Use blue/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 of simple calculator.

# SECTION - "A" (24 Marks) (Research Methodology)

1. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार):

 $[4 \times 4 = 16]$ 

Short answer question (any four out of five) :

- a) अनुसंधानाच्या प्रकाराबद्दल थोडक्यात लिहा. Write a short note on types of Research.
- b) अनुसंधानात ''प्रत्यक्ष प्रमाणा'' चे महत्त्व. Importance of "Pratyaksha praman" in Research.
- c) अनुसंधानाची व्याख्या व पर्याय लिहा. Write definition and synonyms of Anusandhn.
- d) थोडक्यात लिहा ''पबमेड''. Short note on "Pubmed".
- e) आयुर्वेदामधे अनुसंधानाची व्याप्ति स्पष्ट करा. Explain scope of Research in Ayurved.

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# 2. दिर्घोत्तरी प्रश्न :

 $[1 \times 8 = 8]$ 

Long answer question:

a) अनुसंधान प्रक्रियेमधे ''इथिक्स्'' चे महत्व स्पष्ट करा. Elaborate the importance of "Ethics" in Research process.

OR

b) 'अनुसंधान प्रक्रिये' चे सविस्तर वर्णन करा. Explain 'Research process" in detail.

# SECTION - "B" (20 Marks) (Medical Statistics)

3. लघुत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

 $[3\times 4=12]$ 

Short answer question (any three out of four):

- a) स्टॅंडर्ड एस Standard Error
- b) ऑरिथमॅटीक सरासरी Arithmetic mean.
- c) प्रोबॉबिलिटी Probability.
- d) नॉर्मल डिस्ट्रीब्युशन Normal distribution.

4. दिर्घोत्तरी प्रश्न :

 $[1 \times 8 = 8]$ 

Long answer question:

a) डेटा सादरीकरणाच्या विविध पध्दती सविस्तर लिहा. Explain different methods of data Presentation in detail.

OR

b) मेजर्स ऑफ सेंन्ट्रल टेन्डन्सी स्पष्ट करा. Explain measures of central tendency.

\* \* \*