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03701A

**Fourth B.A.M.S. (2012) Examination, Winter (Phase - III ALL  
Other remaining UG/PG Course) - 2019**

**KAYACHIKITSA - I**

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.
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**SECTION - A (45 Marks)**

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच): [5 × 3 = 15]

Short answer question (any five out of six):

- a) साम वायु लक्षणे लिहा.  
Write Sam Vayu - Lakshana
- b) ओज क्षय - चिकित्सा  
Oja-Kshaya - management
- c) जीवनसत्व क आहारीय पदार्थ व दैनंदिन आवश्यकता  
Vitamin C - sources and daily requirement
- d) सामान्यज विकार  
Samanyaj vikar
- e) आमवात - सामान्य लक्षणे  
Amavat - general sings and symptoms
- f) युनानि - सामान्य सिध्दांत  
Unani - Basic Principles

**N - 2584**

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[6×5=30]

2. लघुत्तरी प्रश्न (सात पैकी कोणतेही सहा):

Short answer question (any six out of seven)

a) जलनिमज्जन - चिकित्सा.

Drowning - management

b) पियुशिका ग्रंथी स्राव व स्रावांचे कार्य

Pituitary gland secretions and their function

c) रक्तगत शर्करा न्युनता - लक्षण व चिकित्सा

Hypoglycaemia - clinical presentation and management

d) वार्धक्यजन्य विकार - चिकित्सा तत्व.

Principles of Vardhakyajanit vikar chikitsa

e) दोषगती - चिकित्सिय महत्व

Dosha gati - Significance in treatment

f) दोषज पांडु व मृद् भक्षण जन्य पांडु - शोधन भेद

Deference between Doshaj pandu and Mrudbhakshanjanya pandu shodhan

g) रुक्षण उपक्रम

Rukshan Upakram

a) सामवायू

b) ओजस्य

c) जीवनसत्त्व क

d) सामान्यज विकार

e) आमवात

f) युनाने सामान्य विद्धो.

**SECTION - B (45 Marks)**

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

[3×15=45]

Long answer question (any three out of four):

a) राष्ट्रीय आरोग्य कार्यक्रम व त्या संबंधित विकारांची आयुर्वेदीय चिकित्सा.

National health programmes and the relevant Ayurvedic management

b) वातरक्त व्याधिचे हेतु, प्रकार व लक्षणे तसेच चिकित्सा सविस्तर लिहा.

Write in detail causes, types, symptoms and management of Vatrakta.

c) मनाचे स्थान, गुण व कर्म लिहून अलझायमर्स विकाराचे सविस्तर वर्णन करा.

Write place, qualities and Karma of Mana and describe Alzhiemers Disease.

d) पथ्यापथ्य कल्पना-उदाहरणासहित वर्णन करा.

Concept of Pathyapathya-describe with adequate examples





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**Fourth B.A.M.S. (2012) Examination, Winter**  
**(Phase - III All Other remaining UG/PG Course) - 2019**  
**KAYACHIKITSA - II**

Total Duration : 3 Hours

Total Marks : 90

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**SECTION - A (45 Marks)**

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) : [5 × 3 = 15]

Short answer question (**any five** out of six) :

- a) तमकश्वास लक्षणे, व चिकित्सा लिहा.

Write down the symptoms and treatment of Tamak Shawas.

- b) अजीर्ण व्याधीची लक्षणे व चिकित्सा लिहा.

What are the symptoms and treatment of Ajeerna Vyadhi.

- c) विश्वाची व्याधीची लक्षणे व चिकित्सा लिहा.

Write down the symptoms and treatment of Vishwachi Vyadhi.

- d) हायपरकॅलेमिया ची लक्षणे व चिकित्सा लिहा.

Write down the symptoms and treatment of Hyperkalemia.

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- e) मायस्थेनिया ग्रेविस ची लक्षणे व चिकित्सा लिहा.

What are the symptoms and treatment of Myasthenia Gravis.

- f) विसूचिका व्याधीची लक्षणे व चिकित्सा लिहा.

Write down the symptoms and treatment of Visoochika.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

- a) प्रमेह व्याधीचे साध्यासाध्यत्व लिहा.

Write down the Sadhya asadhyatwa of Prameha Vyadhi.

- b) “नेफ्रॉटिक सिंड्रोम” व्याधीची लक्षणे, तपासणी व चिकित्सा लिहा.

Write down the symptoms, investigations and treatment of "Nephrotic Syndrome".

- c) क्लैब्य व्याधीची लक्षणे, तपासणी, चिकित्सा लिहा.

Write down the symptoms, investigations and treatment of Klaihya (Impotency).

- d) शोथ व्याधीची लक्षणे व चिकित्सा लिहा.

Write down the symptoms and treatment of 'Shoth Vyadhi'.

- e) वाजीकरण चिकित्सा सविस्तर लिहा.

Write down in detail about 'Vajikaran Chikitsa'.

- f) पक्षवध (पक्षाघात) व्याधीची लक्षणे तपासणी व चिकित्सा लिहा.

Write down the symptoms, investigations and treatment of Pakshavadha (Pakshaghata).

- g) गनोरिया व्याधीची लक्षणे, तपासणी व चिकित्सा लिहा.

Write down the symptoms, investigations and treatment of Gonorrhoea.

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## SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

a) अपस्मार व्याधीची संप्राप्ती, लक्षणे, चिकित्सा सविस्तर वर्णन करा.

Describe in detail the samprapti, symptoms and treatment of Apasmara Vyadhi.

b) प्रवाहिका व्याधीची संप्राप्ती, लक्षणे, तपासणी व चिकित्सा आयुर्वेद व आधुनिक मतानुसार लिहा.

Write down the samprapti, symptoms, investigation and treatment of Pravahika according to Ayurveda and Modern Medical Science.

c) रसायन व्याख्या लिहून रसायनाची फलश्रुती, चार रसायन कल्पांचे वर्णन करा.

Write down about the definition of Rasayana, importance of Rasayana and describe four rasayana kalpa.

d) संधीगत वात व Osteoarthritis या व्याधीची संप्रप्ति, लक्षणे व चिकित्सा आयुर्वेद व अर्वाचीन मतानुसार सविस्तर वर्णन करा.

Describe in detail the Samprapti, symptoms and treatment of Sandhigat Vata and Osteoarthritis according to Ayurveda and modern science.



प्रश्न ३) १) अपस्मार व्याधीची संप्राप्ती, लक्षणे व चिकित्सा

२) प्रवाहिका व्याधीची संप्राप्ती, लक्षणे, तपासणी व चिकित्सा

३) रसायन व्याख्या लिहून रसायनाची फलश्रुती, चार रसायन कल्पांचे वर्णन करा.

४) संधीगत वात व Osteoarthritis या व्याधीची संप्रप्ति, लक्षणे व चिकित्सा

अयुर्वेद व आधुनिक मतानुसार सविस्तर वर्णन करा.

५) रसायन व्याख्या लिहून रसायनाची फलश्रुती, चार रसायन कल्पांचे वर्णन करा.



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03702(A)

Third/Fourth B.A.M.S. (2010)/(2012) Examination, Winter  
(Phase - III All Other Remaining UG/PG Course) - 2019

SHALYA 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) 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 a common answer book for all sections.
  - 8) Use of simple calculator and significant test chart is permitted.

**SECTION - A (45 Marks)**

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

[5 × 3 = 15]

Short answer question (any five out of six):

- a) लेखन कर्म वर्णन करा.  
Describe Lekhan Karma.
- b) कूनख व्याधी लक्षण व चिकित्सा लिहा.  
Write sign & symptoms and treatment of Kunakh.
- c) ग्रंथी संम्राप्ती व प्रकार लिहा.  
Write samprapti and types of Granthi (Cyst)
- d) खटवा बंध वर्णन करा.  
Write about Khatwa Bandh.
- e) पिचू, प्लोट, कवलिका, विकेशिका माहिती लिहा.  
Write about Pichu, plot, kavalika & Vikeshika.
- f) प्रनष्ट शल्य गती - टिप लिहा.  
Write short note on Pranashta Shalya Gati.

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अ) लेखन कम

ब) कुनख व्याधी लेखन व पिडिसा

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[6 × 5 = 30]

2. लघुत्तरी प्रश्न (सात पैकी कोणतेही सहा):

Short answer question (any six out of seven)

a) उपयंत्र वर्णन करा.

Describe Upayantras.

b) अष्टविध शस्त्रकर्मासाठी योग्यविधी लिहा.

Write Yogyavidhi according to Ashtavidh Shastra Karma.

c) आत्यायीक चिकित्सेत लागणारी कोतणेही पाच औषधे मात्रेसहीत लिहा.

Write any five drugs with their dosage usefull in emergency situations.

d) व्रण रोपणाच्या अवस्था आयुर्वेद व आधुनिकानुसार लिहा.

Write about wound healing stages according to Ayurveda & modern.

e) निर्जलीकरण अवस्था, हेतू लक्षण व चिकित्सा लिहून रिंगर लॅक्टेट चे घटक द्रव्य लिहा.

Dehydration causes, signs & symptoms and write about Ringer Lactate solution.

f) क्ष-किरणाचे शल्यतंत्रातील महत्व वर्णन करा.

Write importance of X-ray in Shalyatantra.

g) व्रण शोथ चिकित्सा वर्णन करा.

Write treatment of Vranshotha.

### SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

[3 × 15 = 45]

Long answer question (any three out of four):

a) मर्माघात प्रकार व चिकित्सा सविस्तर वर्णन करा.

Write in detail about shock its types and management.

b) सिराशैथिल्य सविस्तर वर्णन करा.

Write in detail about varicose veins.

c) यंत्राची व्याख्या लिहून, गुण, दोष व प्रकार सविस्तर वर्णन करा.

Write in detail about yantra definition, qualities and types.

d) षष्ठी उपक्रम सविस्तर लिहा.

Write in detail about Shashti Upakarma.

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Third Fourth B.A.M.S. (2010)/(2012) Examination, Winter  
(Phase - III All Other Remaining UG/PG Course) - 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

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

**SECTION - A (45 Marks)**

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच):

[5 × 3 = 15]

Short answer question (**any five** out of six):

a) संधीमोक्ष प्रकार लिहा.

Write types of Sandhimoksha.

b) रिफ्लक्स इसोफेजायटीसची लक्षणे लिहा.

Write symptoms of Reflux Oesophagitis.

c) शिरोअभिघात परिक्षणे लिहा.

Write investigations for Cranio-cerebral injury.

d) पित्ताशय अश्मरी लक्षणे लिहा.

Write clinical features of Cholelithiasis.

e) अष्टिलावृद्धि लक्षणे लिहा.

Write clinical features of Benign Enlargement of Prostate.

f) प्लीहावृद्धिची कारणे लिहा.

Explain aetiology of Spleenomegaly.

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**03702(B)****[6 × 5 = 30]****2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):**

Short answer question (Solve any six out of seven):

a) निरुद्धप्रकश चिकित्सा लिहा.

Write management of Phimosis.

b) गुदभ्रंश चिकित्सा लिहा.

Write treatment of Gudabhransha.

c) अक्षकास्थी भग्न चिकित्सा लिहा.

Write management of Fracture Clavicle.

d) सुश्रुतोक्त अर्श चिकित्सा लिहा.

Write Sushrutokta chikitsa of Arsha.

e) वृक्काश्मरी प्रकार व लक्षणे लिहा.

Write types and clinical features of Renal calculus.

f) वंक्षण वृद्धि प्रकार स्पष्ट करा.

Explain types of Inguinal hernia.

g) गुदगत विद्रधिची कारणे व लक्षणे लिहा.

Write aetiology and clinical features of Perianal abscess.

**SECTION - "B" (45 Marks)****3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):****[3 × 15 = 45]**

Long answer question (Solve any three out of four):

a) उण्डुकपुच्छ शोथ कारणे, लक्षणे, उपद्रव लिहून उण्डुकपुच्छ शोथाचे शस्त्रकर्म लिहा.

Write aetiology, clinical features, complications of an appendicitis and describe surgical management for appendicitis.

b) बस्तिगत अश्मरी प्रकार, लक्षणे परिक्षण व चिकित्सा लिहा.

Write types, clinical features, investigations and management of Vesicle calculus.

c) मूत्रज वृद्धिचे कारणे, लक्षणे, प्रकार व शस्त्रकर्म लिहा.

Write etiology, clinical features, types and surgical management of vaginal hydrocele.

d) स्तन घातकार्बुद कारणे, लक्षणे व चिकित्सा सविस्तर वर्णन करा.

Describe in details about aetiology, clinical features and management of carcinoma of the breast.



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03703 A

**Fourth/Third B.A.M.S. (2012)/(2010) Examination, Winter  
(Phase - III All Other remaining UG/PG Course) - 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

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**SECTION - A (45 Marks)**

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

[5 × 3 = 15]

Short answer question (**any five** out of six) :

a) लगण लक्षणे व चिकित्सा.

Write symptoms and treatment of Lagan.

b) नेत्राचे पांचभौतिकत्व लिहा.

Write Panchabhautikta of Eye.

c) नेत्रगत संधी, पटल व मंडल लिहा.

Write Sandhi, patal and Mandal of Eye

d) Lacrimal sac syringing विधी लिहा.

Write procedure of Lacrimal sac syringing.

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- e) शुक्तिका लक्षणं व चिकित्सा लिहा.

Write the symptoms and treatment of shuktika.

- f) कर्णिका स्तर लिहा.

Write the layers of cornea.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

- a) अभिष्यंद व्याधीचे प्रकारानुसार लक्षणं वर्णन करा.

Describe symptoms of Abhishyand according to types.

- b) अंजननामिका (Stye) आयुर्वेद व आधुनिकत : लिहा.

Write the Anjananamika (Stye) according Ayurveda and modern.

- c) कुकुनक (Ophthalmia neonatorum) व्याधीची लक्षणं व चिकित्सा लिहा.

Write the clinical features and treatment of Kukunak (Ophthalmia neonatorum)

- d) लिंगनाशाचे उपद्रव सविस्तर लिहा.

Write the complications of linganash.

- e) झिरोपथॅलमिया वर्णन करा.

Describe Xerophthalmia.

- f) टोनोमेट्रीक परीक्षण विधी लिहा.

Write Tonometry examination procedure.

- g) रेटिनाचे स्तर लिहून नकुलांध्य वर्णन करा.

Write the layers of retina and describe Nakulandhya.

03703 A

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

a) तर्पण क्रियाकल्प सविस्तर वर्णन करा.

Write Tarpan kriyakalpa in detail.

b) पुयालस (Dacryocystitis) व्याधीचे वर्णन करून (Dacryocystorhinostomy) शस्त्रकर्म वर्णन करा.

Write Puyalas (Dacryocystitis) and describe Dacryocystorhinostomy surgery.

c) अर्म (Pterygium) व्याधीचे प्रकार, लक्षणे व चिकित्सा आयुर्वेद व आधुनिकत : लिहा.

Write Arma, (Pterygium) types, symptoms and treatment according to Ayurveda and modern.

d) परावर्तनजन्य व्याधीचे नावे सांगून मायोपिया व प्रेसबायोपिया सविस्तर लिहा.

Write the names of refractive errors and describe myopia and presbyopia in details.





[Total No. of Pages : 3]

03703 B

**Fourth/Third B.A.M.S. (2012)/(2010) Examination, Winter  
(Phase - III All Other remaining UG/PG Course) - 2019**

**SHALAKYA 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.
  - 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 × 3 = 15]**

Short answer question (**any five** out of six) :

- a) तुंडिकेरी व्याधीची लक्षणे लिहा.  
Write symptoms of tundikeri vyadhi.
- b) धूमपान विधी लिहा.  
Write Dhumpan vidhi.
- c) इंद्रलुप्त व्याधीची चिकित्सा लिहा.  
Write the treatment of indralupta vyadhi.
- d) प्रतिश्याय व्याधीचे हेतु लिहा.  
Write the causes of Pratishyaya.

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- e) शीताद व्याधीची लक्षणे लिहा.

Write the symptoms of Shitad.

- f) कृमीकर्णाचे हेतु लिहा.

Write the causes of Krumikarna.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

- a) कर्णपूरण विधि लिहा.

Write the Karnapuram vidhi.

- b) स्वरयंत्र परिक्षण लिहा.

Write examination of larynx.

- c) कवल व गंडूष संबंधी माहिती लिहा.

Write information about Kaval and Gandush.

- d) दीप्त व नासापाक व्याधीचा भेद लिहा.

Write difference between Deepta and Nasapak vyadhi.

- e) नासागत रक्तपित्ताची चिकित्सा लिहा.

Write treatment of epistasis.

- f) मुखपाकाची सामान्य चिकित्सा लिहा.

Write general treatment of mukhapaka.

- g) आधुनिक व आयुर्वेदीय मतानुसार गलविद्राधिची लक्षणे लिहा.

Write sign and symptoms of Galavidradhi (pharyngeal abscess) modern and ayurveda view.



[Total No. of Pages : 2]

03704

**Thired / Fourth B.A.M.S (2010) / (2012) Examination, Winter  
(Phase - III ALL Other Remaining UG/PG Course) - 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.
  - 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 × 3 = 15]**

Short answer question (any five out of six) :

- a) स्वेद वर्ज्य स्थाने  
Avoidance place of sweda
- b) वैतरण बस्ती  
Vaitarana basti
- c) कवल-गण्डुष भेद  
Difference between Kaval and Gandusha
- d) अष्टौमहादोषकर भाव  
Asthaumahadoshakar bhava
- e) व्हॅक्स बाथ थेरपी  
Wax bath therapy
- f) सविष जलौका लक्षणे  
Symptoms of savisha Jalluka

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[6 × 5 = 30]

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- स्वेदन द्रव्ये लिहा  
Write swedan dravya
- बस्ती घटक द्रव्य मिश्रणाचे विधि लिहा.  
Write the procedure of mixture of Basti's contents.
- शिरोधारा.  
Shirodhara.
- विश्राम दिन संकल्पना विरेचनाच्या अनुशंगाने स्पष्ट करा.  
Describe the concept of rest day gap according to virechan karma.
- सद्यः स्नेहन  
Sadhya snehana
- कोष्ठ व अग्नी परीक्षेचे पंचकर्मातील महत्त्व  
Importance of kostha and agni in panchakarma
- पक्षाघाते विरेचनम्  
Explain above quotation

**SECTION - B (45 Marks)**

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

- विरेचन व्याख्या, प्रकार, विरेच्य-अविरेच्य व्याधि लिहून विरेचन विधि लिहा.  
Definition of virechana, types, indication and contra-indication of virechana and explain virechana procedure in detail.
- निरुह बस्तीचे व्यापद चिकित्सेसह लिहा.  
Write complications of niruha basti with their management.
- वमनाचे कार्मुकत्व लिहून वमन-विरेचनाचे व्यापद लिहा.  
Write down mode of action of vamana and write complication of vamana and virechana.
- नस्याचे प्रकार वर्णन करून नस्य विधि सविस्तर लिहा.  
Explain in detail types and procedure of Nasya.

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[Total No. of Pages : 2]

03705

**Fourth B.A.M.S. (2012) Examination, Winter**  
**(Phase - III All Other Remaining UG/PG Course) - 2019**  
**RESEARCH METHODOLOGY AND MEDICAL STATISTICS**

Total Duration : 2 Hours

Total Marks : 44

- 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.
  - 7) Use common answerbook for all section.
  - 8) Use of simple calculator and significant test chart is permitted.

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

1. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) [4 × 4 = 16]

Short answer question (**any four** out of five)

- a) संशोधनाचे विविध प्रकार थोडक्यात वर्णन करा.  
Describe in brief types of Research. 4 marks each
- b) संशोधनप्रक्रियेमध्ये विषयाच्या निवडीचे महत्व स्पष्ट करा.  
Write down the importance of "Selection of Topic" in Research Process.
- c) एव्हिडेंस बेस्ड मेडिसिनची थोडक्यात माहिती लिहा.  
Write in brief about Evidence Based Medicine.
- d) आयुर्वेदाशी संबंधित विविध डेटा पोर्टलची माहिती द्या.  
Explain various Research Data Portals concerned with Ayurveda.
- e) संशोधनासाठी प्रमाणांचा उपयोग वर्णन करा.  
Describe use of Pramanas as a Research Tool

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2. दीर्घोत्तरी प्रश्न :

[1 × 8 = 8]

Long answer question.

a) आयुर्वेदातील संशोधनाची ऐतिहासिक पार्श्वभूमी सविस्तर लिहा.

8 Marks

Describe brief historical background of Research in Ayurveda.

किंवा / OR

b) संशोधन शब्दाची व्याख्या, पर्याय लिहून आयुर्वेदातील संशोधनाची व्याप्ती, महत्व, आवश्यकता व उपयोगिता वर्णन करा.

Write down the definition of Research, its synonyms and describe the scope, importance, need and utility of Research in Ayurveda.

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

3. लघुत्तरी प्रश्न (चार पैकी कोणतेही तीन) :

[3 × 4 = 12]

Short answer question (any three out of four) :

a) आधारसामग्रीचे (डेटा) प्रकार वर्णन करा.

Write a short note on types of data.

4 Marks each.

b) मिडीयन.

Median.

c) प्रोबॅबिलिटी वर्णन करा.

Describe "Probability".

d) वैद्यकीय सांख्यिकीची व्याख्या व व्याप्ती लिहा.

Write down the definition and scope of Medical Statistics.

4. दीर्घोत्तरी प्रश्न (दोन पैकी कोणतेही एक) :

[1 × 8 = 8]

Long answer questions (any one out of two) : 8 marks.

a) आधारसामग्री संकलनाच्या व गुणात्मक आधारसामग्री सादरीकरणाच्या पद्धती वर्णन करा.

Describe the method of Data collection and the Presentation of qualitative data.

किंवा / OR

b) टेस्ट ऑफ सिग्नीफिकन्स सविस्तर वर्णन करून "t" टेस्ट वर्णन करा.

Write about the Tests of Significance and explain "t" test in detail.

4 × 4 = 16.

Q.1 a. Types of research - संशोधन प्रकार



b Importance of selection of topic in research

c EBM

d Research data portals in Ayu.

e प्रमाण as a research tool

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