

Fourth B.A.M.S. (2012) Examination, Summer (Phase - III All  
Other Remaining UG/PG Courses) - 2020

KAYACHIKITSA - I

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.**
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  - 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) लीन दोष म्हणजे काय व त्याची चिकित्सा सांगा.  
What is lina dosha and explain its treatment? 1
  - b) शोधन चिकित्सा स्पष्ट करा.  
Describe shodhana Chikitsa in short. 2
  - c) शाखाश्रित कामला लक्षण व उपद्रव सांगा.  
Write symptoms and complications of shakhastrita kamala. 2
  - d) मदात्यय द्वितीय अवस्था वर्णन करा.  
Explain second stage of madatyaya. 1
  - e) Hypoglycemia चिकित्सा सांगा.  
Write management of Hypoglycemia. 1
  - f) नानात्मज व्याधी चिकित्सा सूत्र व व्यवस्थापन सांगा.  
Explain Chikitsa Sutra and Management of Nanatmaja Vyadhi.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा)

Short answer question (any six out of seven) :

a) रोमान्तिकाचे उपद्रव वर्णन करा.

Explain complication of Romantika (Measles) 1

b) B<sub>12</sub> जीवनसत्व कमतरतेमुळे होणाऱ्या उपद्रवाचे वर्णन करा.

Explain symptoms and management of vitamin B<sub>12</sub> deficiency. 3

c) Alzhiemer's व्याधीचे लक्षण व चिकित्सा लिहा.

Write symptoms and treatment of Alzhiemer's. 3

d) रोग प्रशमन चिकित्सा उदाहरणासहित वर्णन करा.

Explain Rog-prashaman Chikitsa with example. 2

e) मनाचे स्थान, गुण व कर्म लिहा.

Write sthana, Guna and Karma of Mana. 4

f) उत्तान वातरक्ताचे लक्षण वर्णन करा.

Explain features of uttana vatarakta.

g) राष्ट्रीय आरोग्य उपक्रमांच्या अन्तर्गत Leprosy व्याधीवरील आयुर्वेदिय व्यवस्थापन सांगा. 3

Explain Management of Ayurvedic treatment in leprosy under national health programme.

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

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

a) 'Pneumonia' व्याधीचे हेतू, प्रकार, लक्षण व आयुर्वेदिक तथा आधुनिक उपचार लिहा.

6 Write causes, types, symptoms and treatment of pneumonia as per ayurved and modern medicine.

b) रोगी-रोग परिक्षणांत दशविध परिक्षणाचे महत्व लिहा, उदाहरणासहित.

7 Explain importance of Dashavidha parikshana in Rogi - Rog parikshana.

c) तीव्र उदरशूल या व्याधीचे व्यवच्छेद व चिकित्सा लिहा.

Write differential diagnosis and its management of acute abdomen pain.

d) आमवात व्याधीची संप्राप्ती, लक्षण, शमन व शोधन चिकित्सा सविस्तर लिहा.

7 Write etio-pathogenesis, clinical feature and its shodhana and shaana shodhan chikitsa of Aamavata.



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KAYACHIKITSA - II

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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) अवबाहुक व्याधी चिकित्सा लिहा.  
Write Avabahuka vyadhi chikitsa.
- b) क्रोष्टुकशीर्ष व्याधी चिकित्सा लिहा.  
Write krostukshirsha vyadhi chikitsa.
- c) ब्रॉन्किएक्टॅसीस - आधुनिक चिकित्सा लिहा.  
Write modern medicine treatment of Bronchiectasis.
- d) अॅन्झायटी व्याख्या व चिकित्सा लिहा.  
Definition and management of Anxiety.
- e) उदावर्त चिकित्सा लिहा.  
Write Chikitsa of Udavarta.
- f) शूल व्याधी प्रकार.  
Shoola vyadhi Prakara.

## 2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा)

Short answer question (any six out of seven) :

a) आचार रसायन.

Achara Rasayana.

b) न्युराल्जिया आयुर्वेद व आधुनिक चिकित्सा लिहा.

Write ayurved and modern medicine treatment of neuralgia.

c) अल्सरेटीव्ह कोलायटीस आयुर्वेद व आधुनिक चिकित्सा लिहा.

Write ayurved and modern medicine treatment of Ulcerative colitis.

d) वाजीकरण द्रव्यांचे निरूक्ती, व्याख्या प्रकार.

Nirukti, definition and classification of Vajikara Dravyas.

e) अम्लपित्त चिकित्सा.

Write amlapitta chikitsa.

f) मेध्य रसायन

Medhya Rasayana.

g) स्थौल्य चिकित्सा.

Write sthoulya chikitsa.

## SECTION - "B" (45 Marks)

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

[3 × 15 = 45]

Long answer question (any three out of four) :

a) 'पक्षवध' व्याधी चे निदानपंचक लिहून, चिकित्सा सविस्तर वर्णन करा.

Describe in detail Nidana panchak and chikitsa of 'Pakshavadha Vyadhi'.

b) 'उदर' व्याधी चे निदानपंचक लिहून, चिकित्सा सविस्तर वर्णन करा.

Describe in detail Nidana Panchak and chikitsa of 'Udar Vyadhi'.

c) रसायन निरूक्ती, व्याख्या आणि प्रकार लिहून, कुटिप्रावेशिक रसायन विधी आणि लाभ सविस्तर वर्णन करा.

Write nirukti, definition and prakara of Rasayana. Describe in detail vidhi and benefits of kutipraveshika Rasayana.

d) उन्माद व्याधी चे निदानपंचक लिहून, चिकित्सा सविस्तर वर्णन करा.

Describe in detail Nidana panchak and chikitsa of unmad vyadhi.



Third/Fourth B.A.M.S. (2010)/(2012) Examination, Summer (Phase-III All Other Remaining UG/PG Courses) - 2020

SHALYA TANTRA - I

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

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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) शल्यव्याधीमध्ये एम. आर. आय. चे कोणतेही तीन उपयोग लिहा.  
Write down any three uses of MRI in surgical diseases.
  - b) रक्तस्तंभनाचे उपाय लिहा.  
Write down Upaya of Raktastambhana. 3
  - c) शल्यचिकित्सेमध्ये मर्माचे महत्व लिहा.  
Write down importance of Marma in Shalya Chikitsa, 2
  - d) उदर व्याधीची व्याख्या लिहून बद्धगुदोदर लक्षणे लिहा.  
Define Udar roga and lakashanas of badhagudodar. 1
  - e) नाडीव्रण व्याधीची लक्षणे व चिकित्सा लिहा.  
Write down symptoms and treatment of Nadivrana. 2
  - f) प्रतानग्रंथी लक्षणे लिहा.  
Write down clinical features of Ganglion.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

a) रेनाड्स व्याधीची लक्षणे व चिकित्सा लिहा.

3 Write down clinical features and management of Raynaud's disease.

b) दग्धामधील 'रूल ऑफ नाइन' (नऊचा नियम) लिहा.

3 Explain 'Rule of Nine' in Burn.

c) वैकृतापहम व्रणोपक्रम लिहा.

Describe vaikrutapaham vranopakrama.

d) ग्रंथी व अर्बुद मधील फरक स्पष्ट करा.

3 Write down difference between Grandhi and Arbuda.

e) धमनीविस्फार (अॅन्युरीसम) ची लक्षणे व प्रकार लिहा.

2 Write down clinical features and types of Aneurysm.

f) अग्निर्कर्म प्रकार, महत्त्व व चिकित्साथ व्याधी लिहा.

4 Write down types, importance and diseases treated by Agnikarma.

2 g) कोणत्याही पाच प्रतिजैविकांचे (अॅन्टीबायोटीक्सचे) मात्रेसह वर्णन करा.

2 Write down any five antibiotics with dosage.

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

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

a) मर्माघात व्याख्या, प्रकार, कारणे, लक्षणे व चिकित्सा लिहा.

6 Write down definition, types, causes, clinical features and management of shock.

b) क्षारसूत्र निर्माणविधि, आर्हता, अनार्हता, उपयोगिता, उपद्रव व त्याची चिकित्सा लिहा.

7 Describe preparation method, indications, contraindications, application, complications and management of Ksharsutra.

c) सुश्रुतोक्त बंध व्याख्या, प्रकार, आर्हता लिहून त्यांची आधुनिक बंधाशी तुलनात्मकता स्पष्ट करा.

Describe definition, types, indications of Bandha as per Sushruta and correlate them with Modern Bandha.

d) संमोहन व्याख्या सांगून, पृष्ठवंशीय संमोहनार्थ वापरली जाणारी औषधीद्रव्ये, आर्हता, अनार्हता, विधि व उपद्रव लिहा.

6 Define Anaesthesia and write down drugs used, indications, contraindications, procedure and complications of spinal anaesthesia.



Third B.A.M.S. (2010)/Fourth B.A.M.S. (2012) Examination,  
Summer (Phase-III All Other Remaining UG/PG Courses) - 2020  
SHALYA TANTRA - II  
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Summer - 2018 Exam.)

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  - 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) संधीमोक्ष लक्षणणे लिहा.  
Write down clinical features of dislocation of joints.
- b) स्तन अर्बुद चिकित्सा लिहा.  
Write down treatment of Breast tumour.
- c) गुल्मरोग चिकित्सा लिहा.  
Write down treatment of Gulma roga.
- d) गुदविद्रधी चिकित्सा लिहा.  
Write down treatment of Anorectal abscess.
- e) तीव्र उण्डूकपुच्छशोथ लक्षणणे स्पष्ट करा.  
Describe clinical features of acute appendicitis.
- f) अग्राशयशोथ कारणे लिहा.  
Write down causes of pancreatitis.

2. लघुत्तरी प्रश्न (सात पैकी कोणतेही सहा) : [6 × 5 = 30]

Short answer question (any six out of seven) :

- भग्नाची सामान्य चिकित्सा लिहा.  
Write down general treatment of fracture.
- मूत्रकृच्छ प्रकार स्पष्ट करा.  
Describe types of Mutrakruhha.
- यकृतदाल्योदर लक्षण लिहा.  
Write down clinical feature of Hepatomegaly.
- तीव्र पित्ताशय लक्षणे वर्णन करा.  
Describe clinical features of acute cholecystitis.
- परीवर्तीका चिकित्सा लिहा.  
Write down treatment of paraphimosis.
- शुक्राश्मरी कारणे लिहा.  
Write down causes of seminal calculus.
- मूत्रजवृद्धी व्याधीची चिकित्सा लिहा.  
Write down treatment of Hydrocele.

**SECTION - "B"**

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) : [3 × 15 = 45]

Long answer question (any three out of four) :

- निरुद्धप्रकश लक्षणे, निदान व शल्यकर्म चिकित्सा सविस्तर वर्णन करा.  
Describe in detail clinical features diagnosis and surgical management of phimosis.
- पौरुषग्रंथीवृद्धी लक्षणे निदान व शल्यकर्म चिकित्सा लिहा.  
Write clinical features diagnosis and surgical treatment of benign enlargement of prostate.
- अर्शाची कारणे, लक्षणे व शल्यकर्म चिकित्सा वर्णन करा.  
Describe causes, clinical features and surgical treatment of haemorrhoids.
- बद्धगुदोदर कारणे, लक्षणे व शल्यकर्म सविस्तर लिहा.  
Write in detail causes clinical features and surgical treatment of intestinal obstruction.





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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) वत्सर्माची शरीर रचना लिहा.  
Write anatomy of Eyelid.
  - b) त्रिफला घृताचे नेत्ररोगातील महत्त्व लिहा.  
Write importance of Triphala Ghruta in Netraroga.
  - c) वातहत वर्तम वर्णन करा.  
Describe about Vatahat Vartma.
  - d) नेत्रगत रक्तज व्याधिची नावे लिहा.  
Write names of Netragat Raktaj Vyadhi.
  - e) वर्तम - शर्करा वर्णन करून चिकित्सा लिहा.  
Describe Vartma-sharkara and write its treatment.
  - f) अंजन विधि वर्णन करा.  
Describe Anjan vidhi.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

- निमेष व्याधिची विविध कारणे व चिकित्सा लिहा.  
Write various causes and treatment of Nimesh Vyadhi.
- सिराजाल व्याधिचे वर्णन करा.  
Describe about Sirajal Vyadhi.
- पक्ष्मकोप व्याधिची लक्षणे व चिकित्सा लिहा.  
Write Lakshanas and treatment of Pakshmakop Vyadhi.
- नेत्रस्वास्थ रक्षणार्थ उपाय लिहा.  
Write about Netra - Swastha Rakshanarth upay.
- पित्त विदग्ध दृष्टिचे लक्षणे व चिकित्सा लिहा.  
Write symptoms and treatment of Pitta Vidagdha Drusti.
- तिर्यग दृष्टि वर्णन करा.  
Describe about Tiryaga Drishti (squint).
- तर्पण विधि लिहून तर्पणार्ह व्याधि लिहा.  
Write Tarpan Vidhi and Tarpanartha Vyadhi.

**SECTION - "B"**

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

- सव्रण शुक्ल व्याधिची विविध कारणे, लक्षणे, परीक्षणे व चिकित्सा वर्णन करा.  
Describe various causes, lakshanas, examinations and treatment of Savran Shukla Vyadhi.
- कंजक्टिव्हायटिस वर्णन करून उपाययोजना लिहा.  
Describe conjunctivitis and write its remedial measures.
- लिंगनाश सविस्तर वर्णन करून शस्त्रकर्म विधि लिहा.  
Describe in detail about Linganash and write its operative procedure.
- अर्म व्याधिचे सविस्तर वर्णन करून शस्त्रकर्म विधि लिहा.  
Describe in detail about Arma Vyadhi and write its operative procedure.



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(Phase-III All Other Remaining UG/PG Course) - 2020  
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.**
  - 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) वाग्भटोक्त मुखरोगाची कारणे लिहा.  
Write down Mukharoga Hetu according to Vagbhatacharya. 2
  - b) नासाशोष व्याधीचे लक्षणे व चिकित्सा लिहा.  
Write down symptoms and treatment of Nasashosha Vyadhi. 2
  - c) गलविद्रधी व्याधीची चिकित्सा लिहा.  
Write down treatment of Galavidradhi Vyadhi. 1
  - d) भंजनक व्याधी लक्षणे व चिकित्सा लिहा.  
Write down symptoms and treatment of Bhanjanaka Vyadhi. 1
  - e) लक्ष्मीविलास रस वर्णन करा.  
Describe Lakshmvilas Rasa.
  - f) दहा शिरोविरेचनीय द्रव्यांची नावे व कार्मुकता लिहा.  
Write names and mode of action of ten Shirovirechaniya Dravya. 1

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

a) दीप्त व्याधी वर्णन करा.

Write down Deepta Vyadhi. 3

b) कर्णपटलभेद सविस्तर लिहा.

Describe Karnapatal-Bheda in detail.

c) शिरोरोगात नस्याचे महत्त्व लिहा.

Write down importance of Nasya in Shiroroga. 3

d) गिलायु हेतू व लक्षणे वर्णन करा.

Explain Hetu and Lakshana of Gilayu. 3

e) ऑडीओमेट्रीचे वर्णन करा.

Write a short answer on Audiometry. 3

f) मध्यकर्णशोथाचे उपद्रव व चिकित्सा लिहा.

Write down complications and treatment of Madhya-Karna Shotha. 3

g) कवल व गण्डूष यातील फरक लिहा.

Write down differences between Kawala and Gandusha. 2

**SECTION - "B"**

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

a) प्रतिश्याय व्याधीची कारणे, लक्षणे, प्रकार लिहून अवस्थानुरूप चिकित्सा वर्णन करा. 7

Write down causes, symptoms, types and treatment as per Avastha of Pratishyaya Vyadhi.

b) तालुगत व्याधीची नावे लिहून गलशुण्डीका व तुण्डीकेरी व्याधीचे हेतू, लक्षण आणि चिकित्सा लिहा. 6

Write down names of Talugata Vyadhi. Describe hetu, lakshana, treatment of Galshundika and Tundikeri Vyadhi.

c) नासाशारीर लिहून नासा परीक्षण विधी सविस्तर लिहा. 6

Write down Nasasharir and examination of nose in detail.

d) कर्णस्त्राव, पूतिकर्ण व कृमिकर्ण यांचे व्यवच्छेदक निदान लिहून पूतिकर्णाचे सविस्तर वर्णन करा.

Write down differential diagnosis of Karnastrava, Putikarna and Krumikarna Vyadhi also describe Putikarna Vyadhi in detail.



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(Phase-III All Other Remaining UG/PG Courses) -2020  
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.
  - 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) लेखन बस्तीचे घटक द्रव्य लिहा.  
Write down the contents of Lekhana basti.
  - b) शॉर्ट वेव्ह डायथर्मी.  
Short wave diathermy
  - c) विरेचन कर्म – परीहार्य विषय.  
Pariharya Vishay according to virechan karma.
  - d) वमनपूर्व आहाराचे वर्णन करा.  
Explain diet given before Vaman.
  - e) प्रविचारणा स्नेह.  
Pravicharana sneha.
  - f) फॅट मेटाबोलिझम.  
Fat metabolism.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

a) स्वेदनाचे अयोग अतियोग लक्षणे लिहा.

Write down symptoms of Ayog and Atiyog of Swedana.

b) ऋतुनुसार शोधन सविस्तर लिहा.

Describe seasonal purification (Shodhana Karma).

c) संसर्जन क्रम कालीन संभाव्य व्यापद व त्याची चिकित्सा लिहा.

Write down the possible complication during Samsarjana Kram with management.

d) तमके तु विरेचनम् - स्पष्ट करा.

Describe above quotation.

e) शिरोबस्ती विधि.

Shirobasti procedure.

f) जीवादानाची चिकित्सा लिहा.

Management of 'Jivadana'.

g) बहुदोष लक्षणे लिहा.

Write Bahudosh symptoms.

**SECTION - "B"**

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

a) वमन व्याख्या, वाम्य - अवाम्य व्याधी लिहून वमन विधि पूर्व कर्म - प्रधानकर्म - पश्चात कर्म सविस्तर लिहा.

Etymology of vamana, indication and contraindication of vamana and write down vamana procedure with purva karma-pradhana karma and paschat karma.

b) नस्याचे सम्यक, अयोग व अतियोग लक्षणे लिहून नस्य विधि व फायदे लिहा.

Write down Samyaka, Ayoga and Atiyoga Lakshana of Nasya and describe Nasya Vidhi and its importance.

c) बस्तीचे निरनिराळ्यात दृष्टीने प्रकार लिहून अनुवासन बस्ती सविस्तर लिहा.

Write the types of Basti as per different view and explain Anuvasana basti in detail.

d) रक्तमोक्षणास योग्य व्याधी, रक्तमोक्षण प्रकार व जलौकावचारण विधि लिहा.

Indication for blood letting, types and explain leech therapy.



Fourth B.A.M.S. (2012) Examination, Summer (Phase - III All  
other Remaining UG/PG Courses) - 2020

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 of simple calculator.

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

1. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) [4 × 4 = 16]  
Short answer question (any four out of five)
- a) अनुसंधानासाठी विषय निवड.  
Write the short note on "selection of topic" for Research. ?
  - b) "इथिक्स" चे महत्व.  
Importance of Ethics. 3
  - c) माहितीतंत्रज्ञानाचा संशोधनामध्ये उपयोग.  
Use of Information Technology in Research. 2
  - d) आयुर्वेदातील अनुसंधानाची उदारहणे.  
Evidences of Research in Ayurvedic classics. 2
  - e) "अॅप्लाइड रिसर्चची व्याख्या".  
Applied research definition.

2. दीर्घोत्तरी प्रश्न.

[1 × 8 = 8]

Long answer question.

a) अनुसंधानाची व्याख्या, पर्याय व महत्त्व स्पष्ट करा.

Explain definition, synonyms and importance of Research.

OR

b) अनुसंधानामधे प्रमाणांचे महत्त्व स्पष्ट करा.

Elaborate the role of "Pramanas" in Research.

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

**(Medical Statistics)**

3. लघुत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 4 = 12]

Short answer question (any three out of four) :

a) श्रेणी स्पष्ट करा.

Explain - Range

b) सरासरी स्पष्ट करा.

Explain - Arithmetic mean

c) संख्याशास्त्रीय सॉफ्टवेअरस् टिप लिहा.

Short note on statistical softwares.

d) प्रचलीय चाचणी स्पष्ट करा.

Explain - parametric test.

4. दीर्घोत्तरी प्रश्न.

[1 × 8 = 8]

Long answer question.

a) वैद्यकीय संख्याशास्त्राची व्याख्या लिहा व आयुर्वेद संशोधनामधील त्याची व्याप्ती आणि महत्त्व स्पष्ट करा.

Explain the definition of medical statistics, and it's scope and importance in Ayurveda Research.

OR

b) डेटा संकलन आणि सादरीकरण पद्धती लिहा.

Write the methods of collection and presentation of data.

