

Fourth B.A.M.S. (2012) Examination, Summer 2017  
KAYACHIKITSA – I

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) ओजक्षय चिकित्सा लिहा.

Write treatment of Ojakshaya.

b) ज्वरमोक्षपूर्वावस्था लक्षण लिहा.

Write symptoms of Jwaramokshapurvavastha.

c) 'D' जीवनसत्व कमतरतेचे लक्षण लिहा.

Write the sign and symptom of Vitamin 'D' deficiency.

d) Vivax मलेरियाचे उपद्रव वर्णन करा.

Explain the complications of Vivax malaria.

e) ACTH कमतरतेचे लक्षण व चिकित्सा लिहा.

Write symptoms of ACTH deficiency and its Management.

f) दैवव्यपाश्रय चिकित्सा वर्णन करा.

Write treatment of daijv-vyapashraya.

P.T.O.



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) : (6×5 = 30)  
Short answer question (any six out of seven) :

- षड्विधोपक्रम थोडक्यात स्पष्ट करा.  
Explain Shadvidhopkrama in short.
- अपतंत्रक व अपतानक लक्षण तथा चिकित्सा लिहा.  
Write clinical features and its management of Apatantraka and Apatanaka.
- बहुपित्तकामला चिकित्सा वर्णन करा.  
Write management of bahupittakamala.
- डेंगू ज्वराचे उपद्रव व चिकित्सा लिहा.  
Write complications and treatment of Dengue.
- National Health Programmes अन्तर्गत tuberculosis व्याधीवर आयुर्वेदिक उपचार लिहा.  
Write Ayurvedic treatment on tuberculosis under National Health Programmes.
- Acute Respiratory distress syndrome वर्णन करा.  
Explain Acute Respiratory distress syndrome.
- हिपॅटायटीस व्याधीचे लक्षण व चिकित्सा लिहा.  
Write the clinical feature and management of Hepatitis Vyadhi.

## SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15= 45)

Long answer question (any three out of four):

- रक्तपित्त व्याधी हेतू, संप्राप्ति, लक्षण व चिकित्सा वर्णन करा.  
Explain causes, etio-pathogenesis, symptoms and treatment of raktapitta.
- उदरावरण कला शोथ या व्यधीचे सविस्तर वर्णन करा.  
Describe etiopathology, clinical feature and management of peritonitis.
- श्वासनलिका शोथ या व्यधीचे प्रकार, लक्षण व चिकित्सा लिहा.  
Write types, clinical features and treatment of Bronchitis.
- युनानी चिकित्सा पद्धती सविस्तर वर्णन करा.  
Explain Unani medicine in details.





03701 B

Fourth B.A.M.S. (2012) Examination, Summer 2017

KAYACHIKITSA – II

Duration : 3 Hours

Total Marks : 90

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  - 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) :

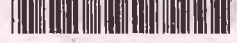
(5×3=15)

Short answer questions (any five out of six) :

- a) विश्वाची या व्याधीचे हेतु व लक्षण लिहा.  
Write hetu and lakshana of Vishwachi.
- b) ओस्टियोपोरोसीस या व्याधीचे चिकित्सा लिहा.  
Write the management of Osteoporosis.
- c) आमाशय व्रण या व्याधीचे चिकित्सा लिहा.  
Write the management of Gastric Ulcer.
- d) क्लैब्य.  
Klaibya.
- e) अर्दीत व्याधीचे चिकित्सा सूत्र लिहा.  
Chikitsa sutra of Ardita.
- f) वातरक्त लक्षणे लिहा.  
Write the symptoms of Vatarakta.

P.T.O.

03701 B



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer questions (any six out of seven) :

- जलोदर व्याधीचे लक्षण व चिकित्सा लिहा.  
Write the clinical feature and management of Jaloudar.
- गृध्रसी या व्याधीचे चिकित्सा सूत्र स्पष्ट करा.  
Describe the chikitsa sutra of Gridhrasi.
- वाजीकर द्रव्यांचे प्रकार व महत्त्व.  
Classification and importance of Vajikara Dravyas.
- Myasthenia Gravis लक्षणे व चिकित्सा लिहा.  
Write symptoms and management of Myasthenia Gravis.
- कंपवात चिकित्सा.  
Management of Kampavata.
- आवरण चिकित्सा सूत्र.  
Write chikitsa sutra of Avaran.
- Guillain Barre Syndrome लक्षणे व चिकित्सा लिहा.  
Write the symptoms and management of Guillain Barre Syndrome.

SECTION – B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer questions (any three out of four) :

- राज्यक्ष्मा व्याधी के निदान, प्रकार, सम्प्राप्ती और चिकित्सा विस्तृत वर्णन करा.  
Describe in detail nidana, prakara, samprapti and chikitsa of 'Rajyakshma Vyadhi'.
- 'प्रमेह' व्याधी के निदान, प्रकार, सम्प्राप्ती और चिकित्सा विस्तारसे वर्णन करा.  
Describe in detail nidana, prakara, samprapti and chikitsa of 'Prameha Vyadhi'.
- 'अपस्मार' व्याधी के निदान, लक्षण, सम्प्राप्ती और चिकित्सा विस्तृत लिहा.  
Write in detail nidana, lakshana, samprapti and chikitsa of 'Apasmara Vyadhi'.
- रसायन म्हणजे काय ते सांगून कुटीप्रावेशिक व वातात्पिक रसायनाचे सविस्तर वर्णन करा.  
Define rasayan and explain in detail about Kuti Praveshika and Vatatpika Rasayan.





03702 A

**Fourth B.A.M.S. (2012) Examination, Summer 2017****SHALYA TANTRA – I**

Duration : 3 Hours

Total Marks : 90

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  - 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) यंत्रदोष लिहा.  
Write down Yantradosha.
  - b) प्रनष्ट शल्य म्हणजे काय ते लिहून त्याचे निर्हरण उपाय लिहा.  
What is pranasta shalya and its nirharana upaya ?
  - c) स्थानिक संमोहनाचे प्रकार लिहा.  
Write down types of local anaesthesia.
  - d) शल्यतंत्रातील मर्माचे महत्व लिहा.  
Write down importance of marmas in surgery.
  - e) षष्ठी उपक्रमापैकी कोणतेही तीन उपक्रम लिहा.  
Describe any three Upakrama of Shashtiupakrama.
  - f) विद्रधि लक्षणे व चिकित्सा लिहा.  
Write down clinical features and treatment of Abscess.

P.T.O.



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- मेदोज ग्रंथीची(लायपोमा) कारणे, प्रकार, लक्षणे व चिकित्सा लिहा.  
Write down causes, types, clinical features and treatment of lipoma.
- कोणत्याही पाच शल्य तंत्र व्याधीमधील एक्स-रे चे महत्व लिहा.  
Write down importance of X-ray in any 5 surgical disease.
- बंध विधीपैकी कोणतेही पाच बंध वर्णन करा.  
Describe any five Bandhas of Bandha vidhi.
- जलाल्पता (डीहायड्रेशन) चिकित्सा लिहा.  
Write down management of dehydration.
- डी.व्ही.टी.व्याधीची कारणे व लक्षणे लिहा.  
Write down causes and clinical features of Deep Venous Thrombosis.
- प्राचीन व आधुनिक शास्त्रानुसार व्रणाचे प्रकार लिहा.  
Write down types of wounds as per ancient and modern science.
- कोणतेही तीन आत्ययिक चिकित्सार्थ औषधीद्रव्ये व दोन वेदनाशामक औषधीद्रव्ये मात्रेसह लिहा.  
Write down any three emergency drugs and two analgesic drugs with its dosage.

SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- क्षारसूत्र निर्माण पद्धती, आर्हता, अनार्हता, वापरावयाची पद्धती व उपद्रव वर्णन करा.  
Describe method of preparation, indications, contraindications, method of application and complications of ksharsutra.
- दग्धाची कारणे, प्रकार, लक्षणे, रूल ऑफ नाइन व चिकित्सा लिहा.  
Write down causes, types, clinical features, rule of nine and management of burn.
- रक्तदानची व्याख्या लिहून, रक्तगट, कम्पॅटीबीलीटी, आर्हता, अनार्हता, उपद्रव व चिकित्सा लिहा.  
Define blood transfusion and write down blood groups, compatibility, indications, contraindications and complications with management.
- अग्निकर्माची साधने, प्रकार, आर्हता, अनार्हता, उपद्रव व चिकित्सा लिहा.  
Write down instruments used for Agnikarma and types, indications, contraindications, complications and treatment of agnikarma.





03702 B

**Fourth B.A.M.S. (2012) Examination, Summer 2017**  
**SHALYA TANTRA – II**

Duration : 3 Hours

Total Marks : 90

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**SECTION – A (45 Marks)**

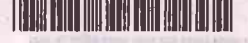
1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) : (5×3=15)

Short answer questions (any five out of six) :

- a) अंससंधीच्युतिची लक्षणे व चिकित्सा लिहा.  
Write down clinical features and treatment of shoulder dislocation.
- b) 'एक्स्ट्राड्युरल' हिमाॅटोमा व्याधीची लक्षणे लिहा.  
Write down clinical features of Extradural haematoma.
- c) अस्थी विद्रधी म्हणजे काय ते लिहून त्याचे लक्षणे लिहा.  
Write down definition and symptoms of Osteomyelitis.
- d) गुल्म व्याधीची चिकित्सा लिहा.  
Write down management of Gulma Roga.
- e) 'स्तनविद्रधी' चिकित्सा लिहा.  
Write down treatment of Breast Abscess.
- f) परिकर्तिका व्याधीची लक्षणे लिहा.  
Write down clinical features of Fissure in Ano.

P.T.O.

03702 B



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer questions (any six out of seven) :

a) अनडीसेंडेड टेस्टीज व एक्टोपिक टेस्टीज मधील फरक लिहा.

Write down difference between Undescended Testis and Ectopic Testis.

b) आधुनिक शास्त्रानुसार भग्नाचे प्रकार लिहा.

Write down classification of Fracture as per modern science.

c) 'निरुद्धप्रकाश' व्याधीची कारणे, लक्षणे व चिकित्सा लिहा.

Write down causes, clinical features and treatment of Phimosis.

d) आधुनिक मतानुसार भगंदर व्याधीचे हेतू व लक्षणे लिहा.

Write down aetiopathology and symptoms of Fistula in Ano.

e) 'फलकोषविवर्तन' व्याधीची लक्षणे व चिकित्सा लिहा.

Write down clinical features and management of Torsion of Testis.

f) आंत्रावरोध व्याधीची कारणे व परीक्षणे लिहा.

Write down causes and investigations of Intestinal obstruction.

g) मूत्रजवृद्धी व्याधीची चिकित्सा लिहा.

Write down treatment of Hydrocele.

SECTION – B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer questions (any three out of four) :

a) आंत्रपुच्छशोथ व्याधीची कारणे, लक्षणे, उपद्रव, परीक्षणे व चिकित्सा लिहा.

Write down etiology, clinical features, complications, investigations and treatment of Appendicitis.

b) 'अर्श' व्याधीची कारणे, लक्षणे, अवस्था, उपद्रव व चिकित्सा लिहा.

Write down causes, clinical features, degrees, complications and treatment of Haemorrhoids.

c) 'पित्ताश्मरी' व्याधीची कारणे, लक्षणे, परीक्षणे व चिकित्सा लिहा.

Write down etiology, clinical features, investigations and treatment of Cholelithiasis.

d) मूत्राश्मरीची कारणे, संप्राप्ती, लक्षणे, प्रकार व चिकित्सा लिहा.

Write down causes, clinical features, classification and management of Urolithiasis.



03703 A

**Fourth B.A.M.S. (2012) Examination, Summer 2017**  
**SHALAKYA TANTRA – I**

Duration : 3 Hours

Total Marks : 90

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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) नेत्राला होणारा नाडी पुरवठा लिहा. (संज्ञावह आणि आज्ञावह).  
Write nerve supply of eye (sensory and motor).
- b) पक्ष्मअभ्यंतरविवर्तनाचे उपद्रव लिहा.  
Write the complication of enteropion.
- c) जागतिक आरोग्य संघटना (WHO)अनुसार अंधत्वाची व्याख्या लिहा.  
Write definition of blindness as per World Health Organization.
- d) अपक्व लिंगनाशाची लक्षणे लिहा.  
Write signs and symptoms of Immature cataract.
- e) आश्च्योतन व परिषेक या क्रियाकल्पांमधील फरक लिहा.  
Write the difference between Ashchyotan and Parishek kriyakalpa.
- f) अंजननामिका व्याधिचे लक्षणे व चिकित्सा वर्णन करा.  
Describe sign, symptoms and treatment of Anjannamika vyadhi.

P.T.O.

03703 A



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

a) पुटपाकाचे प्रकार व त्यातील औषधी द्रव्ये लिहा.

Write the types of putapaka and the medicines used in it.

b) टोनोमेट्रीविषयी थोडक्यात माहिती लिहा.

Write in short about tonometry.

c) वातहत वर्तम व्याधिचे वर्णन करा.

Describe the vatahata vartma vyadhi.

d) सव्रण शुक्ल व्याधिचे उपद्रव लिहा.

Write the complication of Savrana shukla vyadhi (corneal ulcer).

e) कुकुणक व्याधिचे हेतु, लक्षणे व चिकित्सा लिहा.

Write causes, sign symptoms and treatment of Kukunaka vyadhi.

f) अश्रुकला कोष धावण विधि लिहा.

Write the procedure of a lacrimal sac syringing.

g) नेत्राचे पंच भौतिकत्व लिहा.

Write the panch bhautikatva of the eye.

SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

a) अधिमंथ व्याधिविषयी आयुर्वेद व आधुनिक संकल्पनेनुसार माहिती लिहा.

Write about Adhimanth vyadhi according to Ayurved and Modern concept.

b) विविध नेत्ररोगांमध्ये केले जाणारे नेत्रपरिक्षण सविस्तर लिहा.

Write in detail eye examination in various eye diseases.

c) संधीगत व्याधिची नावे लिहून पूयालस (Acute Dacryocystitis) व्याधिची कारणे, लक्षणे, चिकित्सा, शस्त्रकर्म वर्णन करा.

Write names of sandhigat vyadhi and describe causes, sign and symptoms, treatment, operative procedure of puyalasa (Acute Dacryocystitis) vyadhi.

d) जीवनसत्त्व अभावामुळे नेत्रात कोणती लक्षणे निर्माण होतात ते लिहून झिरोप्याल्मीया व्याधी सविस्तर वर्णन करा.

Write sign and symptoms which caused in eyes due to vitamin deficiencies and describe xerophthalmia in details.





03703 B

**Fourth B.A.M.S. (2012) Examination, Summer 2017****SHALAKYA TANTRA – II**

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) मुखपाक हेतु व लक्षण लिहा.  
Write the hetu and lakshnas of Mukhapaak.
- b) प्रतिश्याय चिकित्सा लिहा.  
Write treatment of Pratishtyay.
- c) कर्णनाद चिकित्सा लिहा.  
Write treatment of Karnanaad.
- d) कर्णगुथक चिकित्सा लिहा.  
Write treatment of Karnaguthak.
- e) जलार्बुद वर्णन करा.  
Describe Jalarbuda.
- f) तुंडीकेरी लक्षण लिहा.  
Write sign and symptoms of Tundikeri.

P.T.O.

03703 B



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- दंतनाडी प्रकार, लक्षणे, चिकित्सा वर्णन करा.  
Write down Dantanadi types, symptoms, treatment.
- कृमीजशिरोरोग लक्षणे व चिकित्सा लिहा.  
Write down symptoms and treatment of Krimijashiroroga.
- शिरोरोगाची नावे लिहून सूर्यावर्ताची चिकित्सा लिहा.  
Write the names of Shiroroga and write the treatment of Sooryavarta.
- दंतरोगाची कारणे व सामान्य चिकित्सा लिहा.  
Write the causes of Dantaroga and its general treatment.
- नासापाक व दीप्तव्यादी यातील भेद लिहून त्याची सामान्य चिकित्सा लिहा.  
Write the difference between Nasapaka and Dipta Vyadhi, write their general treatment.
- षडबिंदूतैल घटकद्रव्ये, मात्रा, उपयोग लिहा.  
Write the contents, dose and uses of Shadbindutail.
- कर्णप्रतिनाह आयुर्वेदीय व आधुनिक मतानुसार लिहा.  
Write down Karna Pratinaha according to Ayurveda and modern science.

SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- कर्णबाधिर्य सविस्तर वर्णन करा.  
Write in detail Karnabadhiriya.
- दंत शारीर रचना लिहून दंतहर्ष, कृमीदंत व्याधीचे सविस्तर वर्णन करा.  
Write anatomy of tooth and describe in detail Dantharsha and Krimidanta.
- गिलायु व्याधी आयुर्वेदानुसार वर्णन करून टॉन्सीलाइटिस व्याधी सविस्तर वर्णन करा.  
Describe Gilayu vyadhi as per Ayurveda. Describe Tonsillitis in detail.
- नासा शारीर वर्णन करून पूर्वनासा परीक्षण विधी सविस्तर लिहा.  
Write Sharir of Nasa and explain anterior Rhinoscopy in detail.





03704

Fourth B.A.M.S. (2012) Examination, Summer 2017

## PANCHAKARMA

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) मज्जा स्नेहाचे गुण, उपयोग व अर्हता स्पष्ट करा.  
Explain the guna, upayoga and indication of majja sneha.
- b) स्वेदोपग म्हणजे काय ? चरकोक्त स्वेदोपग गण लिहा.  
What do you mean by swedopaga ? Write down the swedopaga gana according to Charak.
- c) वमनातील लैंगिकी शुद्धि स्पष्ट करा.  
Explain the laingiki shuddhi of vaman.
- d) पंचकर्मातील पूर्वकर्म विचार.  
Purvakarma vichar of panchakarma.
- e) स्नेह बस्तिचे अभुक्त प्रणीत व्यापद स्पष्ट करा.  
Explain the Abhukta pranita vyapada of sneha basti.
- f) सिरावेध व्यापद व चिकित्सा.  
Complications of siravedh and their management.

P.T.O.

03704



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

a) संशोधनार्ह असताना देखील कोणत्या व्यक्तित्मध्ये संशोधन करू नये हे स्पष्ट करा.

Explain the contraindicated person for Sanshodhankarma even if they are indicated for Sanshodhana.

b) वमनातील पेयादी संसर्जन क्रम व तर्पणादी क्रम विचार.

Explain peyaadi samsarjan kram and tarpanadi kram vichar in Vamana.

c) अल्ट्रासोनिक थेरेपी स्पष्ट करा.

Explain the ultrasonic therapy.

d) सविष जलौकादंशाचे लक्षण व उपचार लिहा.

Write down the lakshana and upachara of savisha Jalaukadansha.

e) ध्मापन नस्य स्पष्ट करा.

Explain Dhmapan nasya.

f) नाडीस्वेद वर्णन करा.

Describe Nadisweda.

g) शॉक या आत्ययिक अवस्थेची चिकित्सा

Emergency management of shock.

SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

a) गर्भाशयगत उत्तरबस्ति अर्हता, विधि व कार्मुकता स्पष्ट करा.

Describe indication, vidhi and mode of action of Garbhashayagat uttarbasti.

b) आभ्यन्तर शोधन स्नेहपान विधि व कार्मुकता स्पष्ट करा.

Describe vidhi and mode of action of Abhyantar shodhan snehapan.

c) विरेचन विधि वर्णन करा.

Describe Virechan vidhi.

d) नस्यचे अर्ह, अनार्ह सकारण स्पष्ट करा.

Explain indication and contraindication of Nasya with reason.





03705

Fourth B.A.M.S. (2012) Examination, Summer 2017  
RESEARCH METHODOLOGY AND MEDICAL STATISTICS

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  
(Research Methodology)

(24 Marks)

1. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) :

(4×4=16)

Short answer question (any four out of five) :

- a) उपयोजित संशोधन  
Applied Research
- b) संशोधन विषय निवड  
Selection of Research Topic
- c) परिकल्पना  
Hypothesis
- d) संशोधनात आप्तोपदेश प्रमाणाचे महत्त्व  
Importance of Aaptopadesh Pramana in research
- e) धारा  
DHARA

P.T.O.

03705



2. दीर्घोत्तरी प्रश्न :

(1×8=8)

Long answer question :

a) अनुसंधानाचे पर्यायी शब्द लिहा आणि आयुर्वेदातील संशोधनाचे महत्त्व स्पष्ट करा.

Write synonyms of Anusandhan and explain importance of Research in Ayurveda.

OR

b) संशोधनातील नीतिशास्त्राचे महत्त्व लिहा.

Write importance of ethics 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) निरीक्ष्य समूह

Population

b) बहुलक

Mode

c) जीवशास्त्रीय वैविध्य

Biological Variation

d) प्राकृत बंटन

Normal Distribution.

4. दीर्घोत्तरी प्रश्न :

(1×8=8)

Long answer question :

a) वैद्यकीय सांख्यिकीचे कार्यक्षेत्र (व्याप्ती) तसेच महत्त्व स्पष्ट करा.

Define scope and importance of the Medical Statistics.

OR

b) आधारसामग्री प्रत्युपस्थापनाच्या पध्दती लिहा.

Write methods of presentation of Data.