

03701 A

**Fourth B.A.M.S. (2012) Examination, Winter 2016  
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.
  - 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) युनानी चिकित्सा तत्त्वे.  
Principles of Unani Chikitsa.
- b) सत्वावजय चिकित्सा.  
Satvavajaya Chikitsa.
- c) वातदोष उपक्रम.  
Vata - dosha Upakrama
- d) साम कफ-निराम कफ लक्षण.  
Sama Kapha-Nirama Kapha Lakshana.
- e) पथ्य-अपथ्य महत्व.  
Importance of Pathya-Apathya.
- f) रोगमार्गाचे चिकित्सेतील महत्व.  
Importance of Roga-Marga in chikitsa .

03701 A



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- आयट्रोजेनिक व्याधी  
Iatrogenic diseases.
- चिकन पॉक्स  
Chicken Pox.
- हायपरटेन्शन  
Hypertension.
- Hyperglycaemia आत्ययिक चिकित्सा  
Emergency Management of Hyperglycaemia.
- कुष्ठातील शोधन चिकित्सा  
Shodhan chikitsa in kushtha.
- अनुपान म्हणजे काय ? त्याचे चिकित्सेतील महत्व लिहा.  
What is Anupan? Explain it's importance in chikitsa .
- अष्टस्थान परीक्षा  
Astasthana Pariksha.

६) युगादी चिकित्सा तत्त्व

७) सत्वावगम चिकित्सा

८) वायव्य रुपमग

९) शक्तिक्रम चिकित्सा

१०) अथ इत्युच्यते

११) शक्तिक्रम चिकित्सा/तत्त्व महत्व

## SECTION – B

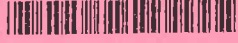
(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- 'षट्क्रियाकाल' विस्तृत वर्णन करा. क्रियाकालानुसार चिकित्सा विशद करा.  
Describe in detail 'Shatkriyakala', and management of each kriya kala.
- रक्तपित्त व्याधी सम्प्राप्ति व चिकित्सा सविस्तर वर्णन करा.  
Describe Samprapti and Chikitsa of 'Raktapitta Vyadhi'.
- National Health Programmes चे महत्व सांगून National Tuberculosis Control Programme लिहून त्यातील आयुर्वेद चिकित्सा लिहा.  
Write significance of National Health Programmes. Describe National Tuberculosis Control Programme and role of Ayurvedic Management in it.
- 'आमवात' व्याधी सम्प्राप्ति व चिकित्सा सविस्तर वर्णन करा.  
Write in detail Samprapti and Chikitsa of 'Amavata Vyadhi'.



03701 B

Fourth B.A.M.S. (2012) Examination, Winter 2016

KAYACHIKITSA – 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) हिक्का प्रकार व सामान्य चिकित्सा लिहा.

Write types and Samanya Chikitsa of Hikka.

b) वातकंटक – लक्षण व चिकित्सा लिहा.

Write Lakshan and Chikitsa of Vatkantaka.

c) संधीगत वात सामान्य चिकित्सा लिहा.

Write Samanya Chikitsa of Sandhigat vata.

d) गुल्म व्याधी लक्षण व चिकित्सा लिहा.

Write Lakshan and Chikitsa of Gulma.

e) गनोरिया – लक्षण व अर्वाचीन चिकित्सा लिहा.

Write clinical features and management for Gonorrhoea.

f) वर्धमानपिप्पली रसायन उपयुक्तता लिहा.

Write usefulness of Vardhaman pippali Rasayana.

P.T.O.

03701 B



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

a) वाजीकरण महत्त्व विषद करा.

Explain the importance of Vajikaran.

b) अतत्वाभिनिवेश - लक्षण व चिकित्सा.

Write lakshan and chikitsa of Atattvabhinivesh.

c) मूत्राघात प्रकार व चिकित्सा लिहा.

Mutraghat types and chikitsa.

d) अतिसार प्रकार व सामान्य चिकित्सा लिहा.

Write types and samanya chikitsa for Atisara.

e) प्रमेह - हेतु व सम्प्राप्ती लिहा.

Write hetu and samprapti of Prameha.

f) अम्लपित्त - हेतु, लक्षण व चिकित्सा लिहा.

Write hetu, lakshan and chikitsa of Amlapitta.

g) अवबाहुक - लक्षण व चिकित्सा.

Write lakshan and chikitsa of Avabahuka.

## SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

a) स्थौल्य व्याधी हेतु, लक्षण, सम्प्राप्ती व चिकित्सा सविस्तर वर्णन करा.

Write hetu, lakshan, samprapti and chikitsa of Sthoulya vyadhi.

b) श्वास व्याधी सामान्य व विशेष चिकित्सा सविस्तर वर्णन करा.

Write in detail samanya and vishesh chikitsa of Shwas vyadhi.

c) उन्माद व्याधी सविस्तर वर्णन करा.

Write Unmad vyadhi in detail.

d) रसायन व्याख्या, प्रकार व सेवन विधी सविस्तर वर्णन करा.

Write definition, types and procedure of Rasayana consumption in detail.



**03702 A****Fourth B.A.M.S. (2012) Examination, Winter 2016  
SHALYA TANTRA – 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.
  - 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) उत्पलपत्रक लिहा.  
Explain Utpalpatrak.
- b) सार्वदैहिक संज्ञाहरण द्रव्ये लिहा.  
Write drugs used for General Anaesthesia.
- c) व्रणग्रंथी लिहा.  
Write about Keloid.
- d) शस्त्रकोष व पोयना स्पष्ट करा.  
Explain Shashtra Kosh and Payanaa.
- e) C.T. स्कॅन महत्व लिहा.  
Explain importance of C.T. Scan.
- f) प्रमेहपिडका लिहा.  
Explain Diabetic carbuncle.

**P.T.O.**

03702 A



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

a) त्रिविध कर्म लिहा.

Explain Trividh karma.

b) ऑटोक्लेव्ह स्टरिलायझेशन स्पष्ट करा.

Explain Autoclave sterilization.

c) क्षारसूत्र तयार करण्याची पद्धत स्पष्ट करा.

Explain preparation of Ksharsutra.

d) पाच प्रतिजिवी औषधांची मात्रा व त्यांचे उपयोग लिहा.

Explain doses and indications of any five antibiotic drugs.

e) कदर बदल लिहा.

Write about Kadar (Corn).

f) अग्निकर्म प्रधानकर्म स्पष्ट करा.

Explain procedure of Agnikarma pradhankarma.

g) एच.आय.व्ही. बाधित रुग्णांच्या शस्त्रक्रियेदरम्यान सुरक्षिततेची काळजी स्पष्ट करा.

Explain Safety precautions during surgery of H.I.V. positive patients.

२।

(6×5=30)

a) उत्पलपत्रक

b) सार्वदैहिक संज्ञानाशाचे

c) व्रणशोथ (Vranashotha)

d) शस्त्रकोष, पायना

e) C.T. scan

f) प्रमेहपिंडका.

## SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

a) रक्तस्राव व रक्तस्तंभन संदर्भात माहिती लिहून रक्तदान स्पष्ट करा.

Write a detail account on Haemorrhage and Haemostasis. Describe blood donation.

b) संज्ञानाशाचे प्रकार लिहून सार्वदैहिक संज्ञानाशाचे सविस्तर वर्णन करा.

Write down types of Anaesthesia. Describe General Anaesthesia in details.

c) व्रणशोथ व विद्रधि यातील भेद स्पष्ट करून व्रणशोथाचे सविस्तर वर्णन करा.

Explain difference between Vranashotha and Vidradhi. Describe Vranashotha in details.

d) सिरा कौटिल्यचे हेतु, लक्षणे, परीक्षणे व शस्त्रकर्म चिकित्सेसहित सविस्तर वर्णन करा.

Describe etiology, clinical features, clinical and pathological tests and surgical treatment of Sira Kautilya (varicose veins).



03702 B

**Fourth B.A.M.S. (2012) Examination, Winter 2016**  
**SHALYA 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) अवपाटिका  
Avapatika
- b) कपाट शयन  
Kapat Shayan
- c) थियर्स शस्त्रकर्म  
Thiersch operation
- d) मूत्राघात प्रकार  
Types of Mutraghat
- e) शैशविय मूत्रजवृद्धी  
Infantile Hydrocele
- f) सहज जठर निर्गम संकोच.  
Congenital pyloric stenosis.

P.T.O.

03702 B



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- a) प्लीहोदर  
Splenomegaly
- b) वृक्काश्मरी चे प्रकार  
Types of Renal Calculi
- c) स्तन ग्रंथीतांतवाबुद  
Fibroadenoma of breast
- d) पर्युदर्या शोथ लक्षणे व चिकित्सा  
Symptoms and management of the Peritonitis
- e) परिकर्तिका व्याधीचे शस्त्रकर्म  
Surgical treatment of fissure-in-ano
- f) यकृत विद्रधि हेतू व लक्षणे  
Causes and symptoms of Liver abscess
- g) फ्रेयर ची पौरुषग्रंथी निर्दरण विधी.  
Freyer's method of Prostatectomy.

## SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- a) आमाशय-व्रणाचे हेतू व लक्षणे लिहून औषधी व शस्त्रकर्म चिकित्सा सविस्तर लिहा.  
Write down the causes and sign, symptoms of Aamashaya Vrana (Gastric Ulcer) and describe its medicinal and surgical treatment.
- b) अस्थिभग्नाचे आभ्यंतर व बाह्य स्थिरिकरण लिहून अक्षकास्थि भग्नचे सविस्तर वर्णन करा.  
Write down internal and external fixation of fracture. Describe the Akshakasthi bhagna (Clavicle fracture).
- c) शिरोअभिघाताचे हेतू व प्रकार लिहून एपीड्युरल हिमॅटोमाचे शल्य चिकित्सेसहित सविस्तर वर्णन करा.  
Write down the causes and classification of Head Injury. Explain Epidural Haematoma with its surgical treatment.
- d) सुश्रुतोक्त भगंदरची व्याख्या, प्रकार, लक्षणे व शस्त्रकर्म सविस्तर लिहा.  
Explain the definition, types, symptoms and surgical treatment of Bhagandara (fistula-in-ano) as per Sushrut.





03703 A

**Fourth B.A.M.S. (2012) Examination, Winter 2016  
SHALAKYA TANTRA – 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.
  - 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) नेत्ररोगांचे पूर्वरूप  
Poorvaroop of Netraroga
- b) पिष्टक  
Pishtak
- c) नकुलांध्य  
Nakulandhya
- d) अंजन नामिका  
Anjan namika
- e) अव्रण शुक्ल  
Avrana Shukla
- f) उपनाह.  
Upnaah.

P.T.O.

03703 A



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- a) वातहत वर्त्म  
Vatahat Vartma
- b) लगणचे लक्षणे व चिकित्सा  
Sign and symptoms and treatment of Lagana
- c) पूयालस  
Puyalasa
- d) अजकाजात  
Ajakajaat
- e) कफविदग्ध दृष्टी  
Kaphavidagdha drishti
- f) वर्त्म रचना शारीर  
Anatomy of eyelid
- g) नेत्ररोगात अंजन उपयोग.  
Uses of Anjan in Netraroga.

a) नेत्ररोग  
b) पिचला  
c) नकुमोक्ष  
d) अंजन  
e) अग्रशुक्ल  
f) उपनि

SECTION – B

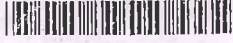
(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- a) परावर्तनजन्य दृष्टिदोष सविस्तर वर्णन करा.  
Describe refractive errors of eyes in detail.
- b) कफज लिंगनाश लक्षणे लिहून कॅटरॅक्ट शस्त्रकर्मासाठी योग्य-अयोग्यता स्पष्ट करा.  
Write signs and symptoms of Kaphaj linganasha and explain indications and contraindications of cataract surgery.
- c) तिमीर लक्षणे व चिकित्सा लिहा.  
Write clinical features and treatment of Timira.
- d) पूयालस लक्षणे व चिकित्सा लिहून डॅक्रियोसिस्टायटीस व्याधी निदानार्थ केली जाणारी परीक्षणे लिहा.  
Write clinical features and treatment of Puyalasa. Describe various diagnostic examinations for Dacryocystitis.



**Fourth B.A.M.S. (2012) Examination, Winter 2016**  
**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) कफज ओष्ठ प्रकोप लक्षणें व चिकित्सा

Sign-symptom and treatment of Kaphaj Oshtha Prakopa

b) कर्णपटल आकृती काढुन नावे द्या

Draw neat diagram with name of Tympanic membrane

c) दंत हर्ष लक्षणें व चिकित्सा

Sign-symptom and treatment of Danta harsha

d) सूर्यावर्त चिकित्सा

Treatment of Suryavarta

e) एकवृन्द लक्षणें व चिकित्सा

Sign-symptom and treatment of Ekvrinda

f) अपीनस चिकित्सा लिहा.

Treatment of Apeenasa.

*Each 03*

P.T.O.



03703 B

(6×5=30)

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven):

- कर्णपटल परीक्षण  
Examination of Tympanic Membrane
- अधिमांस लक्षणे व चिकित्सा  
Sign-symptom and treatment of Adhimansa
- दंत शर्करा लक्षणे व चिकित्सा  
Sign-symptom and treatment of Danta Shārkara
- गलशुण्डिका लक्षणे व चिकित्सा  
Sign-symptom and treatment of Galashundika
- गिलायुशोथ उपद्रव  
Complications of Tonsillitis
- नासानाह चिकित्सा  
Treatment of Naasanaah
- नासा रोगात क्ष-किरण उपयोग.  
Use of Radiography in diseases of nose.

PV - 46  
Astang - 8  
Each of Kriya - 46  
Sanskrit - 12  
Rahav - 20

## SECTION - B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- प्रतिशय व्याधीचे सामान्य हेतू संप्राप्ती लिहून नस्याचे प्रकार लिहा.  
Write hetu and samprapti of pratishaya and explain types of Nasyas.
- गिलायु व्याधिचे उपद्रव लिहून गिलायु छेदन शस्त्रक्रिया वर्णन करा.  
Explain procedure and complication of Tonsillectomy.
- सुश्रुतोक्त शिरोरोगांची नावे लिहून वातज शिरोरोग लक्षणे व चिकित्सा लिहा.  
Write name of shirorog as per Sushrut and explain clinical features and treatment of Vaataj Shiroroga.
- ट्युनिंग फोर्क टेस्ट लिहून बाधीर्य प्रकार व चिकित्सा लिहा.  
Write tuning fork test and explain types and treatment of deafness.

Each 15

\* Corrections communicated to the Theory Exam. Centres at the time of Examination are Q.No. 3b as under: →  
"Please inform students to solve question Q 3b as per Marathi Version/Language!"



03704

**Fourth B.A.M.S. (2012) Examination, Winter 2016**  
**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) धान्याम्ल धारा  
Dhanyamla Dhara
- b) शोधनाचे महत्त्व  
Importance of shodhana
- c) त्रिविध कर्म लिहा  
Write trividha karma
- d) परिहार्य विषय  
Pariharya vishaya
- e) स्वेदनाची परिभाषा  
Definition of svedana
- f) नस्याचे सम्यक योग लक्षणे  
Symptoms of samyak yoga in nasya

P.T.O.

03704

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5)

Short answer question (any six out of seven) :

- a) अच्छ स्नेहपान  
Ascha Snehapan
- b) कोष्ठ शाखा गती ज्ञानाचे पंचकर्मातील महत्व.  
Importance of kostha shaka gati knowledge in panchakarma
- c) शिरोधारा  
Shirodhara
- d) शारंगधरानुसार विरेचन द्रव्यांचे वर्गीकरण.  
Classification of virechan drug according to Sharngadhar
- e) अल्ट्रासोनिक थेरपी  
Ultrasonic therapy
- f) ऋतुनुसार शोधन  
Shodana according to Ritu (Season)
- g) मदनफल संग्रह विधी  
Preservation methods of Madanaphala

Duration : 2

Inst

SECTION – B

(45 Ma

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15

Long answer question (any three out of four) :

- a) वमन कर्म विधी सविस्तर लिहा.  
Write details of Vaman karma.
- b) चरकोक्त स्वेदन प्रकार सविस्तर लिहा.  
Write types of swedan according to Charak.
- c) “चिकित्सार्धमिति ब्रुवन्ति” या सूत्राचे ससंदर्भ स्पष्टीकरण करा.  
“Chikitsardhamiti Bruvanti” define this sutra in detail with references.
- d) रक्तमोक्षणाची परिभाषा लिहून रक्तमोक्षणाचे प्रकार सविस्तर लिहा.  
Write definition of Raktamokshana and type of Raktamokshana in detail.

लघुत्तरी प्रश्न (Short answer

a) आयुर्वेद  
Write t

b) संशोधन  
Write r

c) संशोधन  
Write t

d) संशोधन  
Write t

e) संशोधन  
Write t



03705

Fourth B.A.M.S. (2012) Examination, Winter 2016  
**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****(24 Marks)****(Research Methodology)**

1. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) :

**(4×4 = 16)**Short answer question (**any four** out of five) :

- a) आयुर्वेदामध्ये आढळणाऱ्या संशोधन दाखल्यां विषयी लिहा.  
Write the Evidences of Research in Ayurvedic classics.
- b) संशोधनासाठी प्रमाणांचा माध्यम म्हणून कसा वापर केला जातो ते लिहा ?  
Write role of Pramanas as Research tools.
- c) संशोधनामध्ये इंटरनेट ज्ञानाचे महत्त्व लिहा.  
Write the importance of Internet Technology in Research.
- d) संशोधन पद्धतीमध्ये साहित्य परामर्शचे महत्त्व लिहा.  
Write the importance of "Review of the Literature" in the Research process.
- e) संशोधनाच्या व्याख्या लिहा.  
Write the definitions of Research.

P.T.O.

03705



2. दीर्घोत्तरी प्रश्न.

(1×8 = 8)

Long answer question.

a) आयुर्वेदामध्ये संशोधन, त्याची आवश्यकता व महत्त्व सविस्तर लिहा.

Describe the Research in Ayurved, its need and importance in detail.

OR

b) संशोधनातील प्रकार सविस्तर लिहा.

Describe the types of Research in detail.

SECTION – B

(20 Marks)

(Medical Statistics)

3. लघुत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×4 = 12)

Short answer question (any three out of four) :

a) पॅरामेट्रिक टेस्ट लिहा.

Write the parametric tests.

b) मेडियन व मोड सोदाहरण वर्णन करा.

Describe the median and mode with examples.

c) स्टॅण्डर्ड डेव्हिएशन विषयी लिहा.

Write about standard deviation.

d) डेटा एकत्रीकरण विषयी लिहा.

Write about collection of the data.

4. दीर्घोत्तरी प्रश्न.

(1×8 = 8)

Long answer question.

a) वैद्यकीय सांख्यिकीची व्याख्या व महत्त्व लिहा.

Describe definition and importance of the medical statistics.

OR

b) डेटा सादरीकरणाचे प्रकार वर्णन करा.

Describe the types of data presentation.