



03702 A

Fourth B.A.M.S. (2012) Examination, Winter 2017
SHALYA TANTRA - I

Duration: 3 Hours

Total Marks : 90

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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SECTION - A (45 Marks)

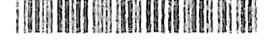
लघुत्तरी प्रश्न (सहायैकी कोणतेही पाच) :

(5×3=15)

Short answer question (any five out of six) :

- a) शल्य व्याख्या स्पष्ट करा.
Explain definition of Shalya.
- b) प्रतिक्रियात्मक रक्तस्राव स्पष्ट करा.
Explain Reactionary haemorrhage.
- c) सदंश यंत्र स्पष्ट करा.
Explain Sadansha yantra.
- d) गोफणा बंध स्पष्ट करा.
Explain Gophana Bandha.
- e) कफज विद्रधि स्पष्ट करा.
Explain Kaphaj Vidradhi.
- f) अट्रोपिन बददल लिहा.
Explain about Atropin.

03702 A



2. लघुतरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- स्थानिय संज्ञानाश प्रकार.
Types of local anaesthesia.
- संयोजक ऊत्तिशोध स्पष्ट करा.
Explain Cellulitis.
- व्रणशोध चिकित्सेत सप्तविध उपक्रम लिहा.
Write Sapta Vidha Upakrama in Vrana-Shoth Chikitsa.
- रक्तस्तंभनाचे उपाय लिहा.
Write about Raktasthambhan Upaya.
- अग्निकर्म योग्य-अयोग्य स्पष्ट करा.
Write Indications-contraindications of Agnikarma.
- आगन्तुज व्रण प्रकार स्पष्ट करा.
Explain types of Agantuj Vrana.
- स्तब्धता प्रकार लिहा.
Write types of shock.

SECTION – B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- त्रिविध कर्म व अष्टविध शास्त्रकर्म सविस्तर लिहा.
Describe Trividha Karma and Ashtavidh Shastrakarma.
- षट्क्रियाकालावद्दल सविस्तर लिहा.
Describe Shatkriyakal in details.
- धमनीविकार वर्णन करून बर्जर्स डिजीजबद्दल सविस्तर लिहा.
Describe Dhamani vikar and explain Buerger's disease in details.
- रक्तस्रावाची कारणे, लक्षणे, प्रकार लिहून चिकित्सा लिहा.
Describe causes, symptoms, types and treatment of haemorrhage.



03702 B

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

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SECTION – A (45 Marks)

(5×3=15)

लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

Short answer question (any five out of six) :

- a) परिवर्तिकाची कारणे व लक्षणे लिहा.
Write causes and symptoms of Paraphimosis.
- b) सहज स्तनरोग
Sahaj stanarog (Congenital anomaly of breast).
- c) मूत्राश्मरी चे प्रकार
Types of Mutrashmari (Urinary calculus).
- d) जलवृक्क कारणे.
Causes of Hydronephrosis.
- e) अन्ननलिका व्रण.
Oesophageal Ulcer
- f) प्लीहा वृद्धीची कारणे.
Causes of pleehavruddhi (splenomegaly).

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2. लघुसूत्री प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- आंत्रान्त्रप्रवेश लक्षणे व चिकित्सा.
Symptoms and treatment of Intussusception.
- शिरोअभिघात लक्षणे.
Sign symptoms of head injury.
- मूत्रगत रक्तराव व्यवच्छेदक निदान व चिकित्सा.
Differential diagnosis of Haematuria and its treatment.
- वृषणस्य सिराज वृद्धी.
Describe varicocele.
- ग्रहणी अण भेदन शस्त्रकर्म.
Surgery of perforated duodenal ulcer.
- फलाकोष विवर्तन.
Phalkosh Vivartan (Eversion of sac).
- प्रत्यक्ष व अप्रत्यक्ष वंक्षणिय आंत्रवृद्धी भेद.
Difference between direct and indirect Inguinal hernia.



SECTION – B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- स्तन साधारण अर्बुद व घातकार्बुद फरक स्पष्ट करा व चिकित्सेचे प्रकार लिहा.
Explain difference between Benign and Malignant Breast tumours and discuss the mode of treatment.
- पित्ताशय शोथाची कारणे, लक्षणे व परिक्षणे लिहून शास्त्रकर्म चिकित्सेचे सविस्तर वर्णन करा.
Write down the causes, symptoms and investigations of cholecystitis and describe its surgical treatment.
- भग्नाची परिभाषा व सामान्य भग्न चिकित्सा सांगून अंसफलक भग्नाचे सविस्तर वर्णन करा.
Explain the definition of bhagna and samanya bhagna chikitsa. Describe the Ansaphalak bhagna (fracture of scapulla).
- अर्श व्याधिची कारणे, प्रकार व लक्षणे लिहून विविध आधुनिक चिकित्सा व शस्त्रकर्म पद्धतींचे सविस्तर वर्णन करा.
Write down the causes, types and symptoms of Arsha (Haemorrhoids). Describe its medicinal treatment and different recent surgical procedures of Haemorrhoid.



03701 A

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

Duration : 3 Hours

Total Marks : 90

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 - 3) **All** questions are **compulsory**.
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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 पित्त - लक्षण व चिकित्सा.

Sama Pitta – Lakshan and Chikitsa.

b) रस प्रदोषज विकार व चिकित्सा.

Rasa Pradoshaj Vikar and its Chikitsa.

c) नानात्मज व्याधी चिकित्सा तत्व.

Principle of Nanatmaja Diseases Management.

d) रुक्षण चिकित्सा म्हणजे काय व उपयोगार्थ द्रव्य लिहा.

What is Rukshan Chikitsa and write the drugs used for Rukshan.

e) व्याधी चिकित्सेतील सत्वाचे महत्व सांगा.

Write the significance of 'Sattva' in management of diseases.

f) Renal colic मधील लक्षणे व केले जाणारे नैदानिक परिक्षण लिहा.

Enlist symptoms and investigations of diagnostic significance done in renal colic.

03701 A



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven).

a) तीव्र रक्तसाव आत्मार्याक चिकित्सा.

Management of Acute Haemorrhage.

b) Alzheimer's – व्याधी लक्षण व चिकित्सा.

Alzheimer's disease – clinical features and management.

c) मनाचे स्थान, गुण व कर्म लिहा.

Write place, qualities and functions of Manas.

d) डेंग्यु ज्वर लक्षणे व चिकित्सा लिहा.

Write clinical features and management of Dengue fever.

e) ओजो व्यापत् चिकित्सा लिहा.

Management of Ojo Vyapat.

f) औषधी सेवन काल महत्व सोदाहरण स्पष्ट करा.

Write the importance of Aushadhi Sevana Kala with examples.

g) जलनिमज्जन चिकित्सा स्पष्ट करा.

Management of Drowning.

SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four).

a) साम नव ज्वर चिकित्सा सविस्तर वर्णन करा.

Explain in detail sama nava jwar chikitsa.

b) Thyroid ग्रंथीच्या स्रावांचे कार्य लिहून स्राव न्यूनता जनित व्याधी सविस्तर वर्णन करा.

Write the functions of thyroid hormones and describe Hypothyroidism.

c) षट्क्रिया कालाचे चिकित्सेतील महत्व सविस्तर वर्णन करा.

Explain importance of Shatkriyakala in chikitsa.

d) व्याधी क्षमत्व म्हणजे काय ? आयुर्वेदानुसार व्याधी क्षमत्व वर्णन करून एक Autoimmune disorder वर्णन करा.

What is vyadhikshamatva ? Describe vyadhikshamatva according to Ayurved and explain any one Autoimmune disorder.



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03701 B

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KAYACHIKITSA - II

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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) 'कास' संप्राप्ती व प्रकार सांगा.

Write kasa vyadhi samprapti and its types.

b) अग्निमांड्य व अजिर्ण यातील फरक स्पष्ट करा.

Write difference between agnimandhya and ajirna.

c) कृमि संख्या व स्वरूप वर्णन करा.

Write number and shape of Krumi.

d) Hypokalemia वर थोडक्यात लिहा.

Write short note on Hypokalemia.

e) विसर्प प्रकार व सामान्य संप्राप्ती लिहा.

Write general pathophysiology of visarpa and its type.

f) नैष्ठिकी चिकित्सा लिहा.

Explain Naisthiki Chikitsa.

P.T.O.



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven)

a) कुष्ठ व्याधीतील पंचकर्म महत्त्व.

Importance of panchakarma treatment in Kustha

b) Crohn's disease आणि ulcerative colitis यातील भेद स्पष्ट करा.

Explain differences between Crohn's disease and ulcerative colitis.

c) तीव्र वृकाशय शोषाची लक्षणे व चिकित्सा लिहा.

Explain the symptoms and management of nephritis

d) Osteomyelitis ची pathology स्पष्ट करा.

Explain pathology of osteomyelitis

e) रसायन व्याख्या व प्रकार लिहा.

Write definition of Rasayana and its types.

f) मदात्ययाच्या चार अवस्था वर्णन करा.

Explain four stages of Madatyaya.

g) उन्माद व्याधीचे लक्षण लिहा.

Write symptoms of Unmada Vyadhi.

SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

a) कुटीप्रावेशिक रसायन वर्णन करून मेध्य रसायन द्रव्य वर्णन करा.

Write kutipraveshika rasayana and explain medhya rasayana dravya.

b) आमवात संप्राप्ती, लक्षणे, व्यवच्छेदीक निदान व चिकित्सा लिहा.

Explain pathophysiology, symptoms, differential diagnosis treatment of Amavata

c) आयुर्वेदानुसार हृद्रोगाचे सामान्य लक्षण व हृद्रशूल संपूर्ण वर्णन करा.

Explain general symptoms of Hrudroga and write Hrudshula in details.

d) अर्दित व्याधी व्याख्या सांगून हेतू, लक्षण व चिकित्सा आयुर्वेद तथा आधुनिक लिहा.

Write definition of Ardita and explain its causes, symptoms and treatment according Ayurved and modern.



03704

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

PANCHAKARMA

Duration: 3 Hours

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SECTION – A

(45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) :

Short answer question (any five out of six) :



(5×3=15)

a) स्नेहनाचे प्रकार

Type of snehan

b) साम्नि स्वेदन प्रकार

Saagni svedana type

c) शोधन पश्चात कर्म

Shodhan pashchat karma

d) वमनोपग द्रव्य

Vamanopaga dravya

e) विरेचन कार्मुकता

Virechana karmukata

f) पंचकर्मातील कोष्ठ व अग्नीपरीक्षाचे महत्त्व

Importance of Kosta and Agni parikshan in panchakarma

03704

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2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- माधुतैलिक बस्ति
Madhutailik basti
- विचारणा स्नेह
Vicharna Sneha
- सोना बाथ
Sauna Bath
- नस्यचे प्रकार
Type of nasya
- गुदगत रक्तस्राव, रक्तच्छर्दी व नासागत रक्तस्राव यातील आत्यायिक चिकित्सा लिहा.
Write emergency management of bleeding per rectum, hematemesis and epistaxis.
- जलौकावचारण विधि
Jalaukavacharana method
- वमन परिक्षा
Observation during vaman karma



SECTION – B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- विरेचन विधी सविस्तर लिहा.
Write detail about Virechana vidhi.
- उत्तरबस्ति परिभाषा लिहून, महत्त्व आणि उत्तरबस्तिचे अयोग्य लिहा.
Write uttarbasti definition, importance and contraindication of uttarbasti.
- नस्यचे योग्य आणि अयोग्य लिहून अवपीडन नस्य लिहा.
Write indications and contraindications of Nasya, write avapeedan nasya.
- व्यायामोपचाराची व्याख्या, उपयुक्तता लिहून शॉर्ट वेव्ह डायथर्मि, वॅक्स बाथ थेरेपी व अल्ट्रासोनिक थेरेपी बद्दल लिहा.
Write definition and importance of physiotherapy along with short wave diathermy, wax bath therapy, ultrasonic therapy.

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03703 A

Fourth B.A.M.S (2012) Examination, Winter 2017
SHALAKYA TANTRA - I

Duration: 3 Hours

Total Marks: 50

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SECTION - A



(45 Marks)

1. लघुतरी प्रश्न (सहायकी कोणतेही पाच) :

Short answer question (any five out of six) :

(5×3=15)

- a) लेख्य व्याधि लिहून उत्संगिनी व्याधि लिहा.
Write down Lekhya vyadhi and write Ulsangini vyadhi.
- b) नेत्रशूलाचे व्यवच्छेदक निदान लिहा.
Write down differential diagnosis of Netrashoola (pain in eye).
- c) अन्नशुक्लाची चिकित्सा लिहा.
Write treatment of Avrana shukla.
- d) संधिगतरोगांची नावे लिहून नेत्रस्त्राव वर्णन करा.
Write down names of Sandhigata roga and describe Netrastrava.
- e) शुक्तिका व्याधिची चिकित्सा लिहा.
Write down treatment of Shuktika vyadhi.
- f) आलोचक पित्त वर्णन करा.
Describe Alochaka pitta.

P.T.O.

03703 A



(6×5=30)

2. लघुसूत्री प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- सिराहर्ष लक्षणे व चिकित्सा लिहा.
Write down lakshana and chikitsa of Siraharsha.
- हताधिमंथ वर्णन करा.
Describe Hatadhimantha.
- सप्तामृत लोह घटक द्रव्ये व उपयोग लिहा.
Write down ingredients and uses of Saptamruta loha.
- परिशेक व आशच्योतन भेद लिहा.
Write down differences between Parisheka and Ashchytana.
- तृतीय पटलगत दोषदुष्टि लक्षणे लिहा.
Write down Trutiya Patalagata Doshadushti lakshanas.
- वातहत वर्माची चिकित्सा वर्णन करा.
Describe treatment of Vatahata varma.
- नेत्रामध्ये वापरले जाणारे संमोहनाचे (Ocular anaesthesia) प्रकार लिहा.
Write down types of Netra Sammohana (Ocular anaesthesia).



SECTION – B

(45 Marks)

3. दीर्घसूत्री प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- कफज लिंगनाश (cataract) व्याधिची लक्षणे व शस्त्रकर्म आधुनिक शास्त्रानुसार वर्णन करा.
Describe sign, symptoms and surgical treatment of cataract (Kaphaja Linganaasha) according to modern science.
- क्रियाकलापांची नावे लिहून नेत्रतरपण सविस्तर वर्णन करा.
Write down names of Kriyakalpa and describe Netratarpana in detail.
- अभिष्यंद व्याधिचे नेत्ररोगातील प्राधान्य, हेतु, लक्षणे व चिकित्सा सविस्तर लिहा.
Write down Netraroga pradhanya, hetu, lakshana and treatment of Abhishyanda vyadhi.
- कृष्णगत व्याधिची नावे लिहून सव्रण शुक्लाची चिकित्सा सविस्तर लिहा.
Write down names of Krushnagata vyadhi and treatment of Savrana shukla in detail.

03703 B

Fourth B.A.M.S. (2012) Examination, Winter 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) सूर्यावर्त लक्षणे व चिकित्सा लिहा.
Write lakshanas and treatment of Suryawart Vyadhi.
 - b) कर्णगत आगन्तुज शल्य निर्हरण विधि लिहा.
Describe procedure of Aural Foreign body removal.
 - c) लिटल्स ऐरीया वर्णन करा.
Describe Little's area.
 - d) स्वरयंत्राचे परीक्षण लिहा.
Describe examinations of Larynx.
 - e) कर्णधूपन विधि लिहा.
Describe Karna-dhupan Vidhi.
 - f) कर्णरोगांची सामान्य हेतु लिहा.
Write Samanya hetu of Karnaroga.



03703 B



2. लघुतरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- a) कर्णश्रावाचे वर्णन करा.
Describe Karnastrav Vyadhi.
- b) अर्धावभेदक लक्षणे व चिकित्सा लिहा.
Write lakshanas and treatment of Ardhavbedak Vyadhi.
- c) ओष्ठप्रकोप लक्षणे व चिकित्सा लिहा.
Write symptoms and treatment of Osthaprakop.
- d) दन्तनाडी कारणे व चिकित्सा लिहा.
Write causes and treatment of Dantanadi Vyadhi.
- e) मुखपाक लक्षणे व चिकित्सा लिहा.
Write symptoms and treatment of mukhpaka.
- f) Pharyngitis ची चिकित्सा लिहा.
Write treatment of Pharyngitis.
- g) गलविद्रधि व्याधीचे वर्णन करा.
Describe Galavidhradhi Vyadhi.

10
x 30
3000

x 30
30
900
500
250
1650

SECTION – B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- a) नासागत रक्तश्रावाचे हेतु व चिकित्सा सविस्तर वर्णन करा.
Describe hetu and chikitsa of Nasagat Raktastrav in detail.
- b) कर्णबाधीर्य सविस्तर वर्णन करून उपाय योजना लिहा.
Describe in detail about deafness and its management.
- c) शिरोरोगाची सामान्य कारणे, प्रकार, लक्षणे व चिकित्सा वर्णन करा.
Describe in detail about samanya hetu, types, lakshanas and treatment of Shiroroga.
- d) शिरो-कर्ण-नासा-मुखरोगांमध्ये पंचकर्माचे महत्त्व वर्णन करा.
Describe importance of Panchakarma in Shiro-karna-nasa-mukhroga.

03705

Fourth B.A.M.S. (2012) Examination, Winter 2017
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) अनुसंधानामधे प्रत्यक्ष प्रमाणाचे महत्व.
Importance of "Pratyaksha Praman" in Research.
- b) अनुसंधानामधे माहिती तंत्रज्ञानाचे महत्व.
Importance of Information Technology in Research.
- c) आयुर्वेदोक्त "अनुसंधान" प्रक्रिया.
Research process according to Ayurvedic classics.
- d) अनुसंधान-निरुक्ति व पर्याय.
Research – Etymology and synonyms.
- e) क्वालिटेटीव्ह रिसर्च.
Qualitative Research.



P.T.O.

03705



(1×8 = 8)

2. दीर्घोत्तरी प्रश्न.

Long answer question.

a) अनुसंधानाची व्याख्या लिहून, आयुर्वेदामधील अनुसंधानाची गरज वर्णन करा.
Define Research and explain need of research in Ayurved.

OR

b) आयुर्वेदामधील अनुसंधानाची पार्श्वभूमी लिहून आयुर्वेदीय संहिता ग्रंथातील उदाहरणे स्पष्ट करा.
Give a brief historical background of Research in Ayurved and mention evidences of Research in Ayurvedic classics.

SECTION – B (20 Marks)

(Medical Statistics)

3. लघुत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×4 = 12)

Short answer question (any three out of four) :

a) प्रमाणित विचलन टर्म स्पष्ट करा.

Explain the term standard deviation.

b) संख्याशास्त्रीय सॉफ्टवेअरस्- टिपा लिहा.

Short note - Statistical softwares.

c) मोड व मिडीयन स्पष्ट करा.

Explain mode, median.

d) डेटा सादरीकरणाच्या विविध पध्दती स्पष्ट करा.

Explain the different types of presentation of data.

4. दीर्घोत्तरी प्रश्न.

(1×8 = 8)

Long answer question.

a) संशोधनामध्ये वैद्यकीय सांख्यिकीची व्याप्ती आणि महत्त्व स्पष्ट करा.
Define scope and importance of the medical statistics.

OR

b) परिवर्तनशीलता आणि मापन स्पष्ट करा.

Explain variability and its measurement.