



03701 A

Fourth B.A.M.S. (2012) Examination, Winter 2018  
KAYACHIKITSA - I

Total Duration : 3 Hours

Total Marks : 90

- Instructions :**
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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) कायचिकित्सा व भेषज - व्याख्या लिहा.  
Definition of Kayachikitsa and Bheshaja.
- b) ओजोव्यापत - थोडक्यात लिहा.  
Ojovyapat - write in short.
- c) मन - स्थान व गुण.  
Mana - Location and Qualities.
- d) जीवनसत्व B12 युक्त आहार द्रव्य व दैनंदिन आवश्यकता.  
Vitamin B12 - Sources and Daily Requirement.
- e) नानात्मज रोग - थोडक्यात लिहा.  
Nanatmaj Rog - write in short.
- f) निसर्गोपचार - मूलभूत सिद्धांत.  
Naturopathy - Basic principles.

P.T.O.



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

(6×5=30)

Short answer question (any six out of seven) :

- सिन्कोप - लक्षण व चिकित्सा.  
Syncope - Signs and symptoms with management.
- कुशिनाज् सिन्ड्रोम - लक्षण व चिकित्सा.  
Cushing's syndrome - Clinical presentation and treatment.
- डेंग्यु ज्वर - निदान व चिकित्सीय सिद्धांत.  
Dengue fever - Diagnosis and Principles of treatments.
- निदान परिवर्जन - व्याधी चिकित्सेतील महत्व.  
Nidan Parivarjan - Importance in disease management.
- बृहण - थोडक्यात लिहा.  
Brihana - write in short.
- रोगानुत्पत्तीकर चिकित्सा - थोडक्यात लिहा.  
Roga-Anutpattikar chikitsa - write in short.
- खाद्यान्न विषाक्तता - सर्व साधारण चिकित्सीय सिद्धांत.  
Food allergy - General principle of management.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3×15=45)

Long answer question (any three out of four) :

- रसवह स्रोतस् - दुष्टी हेतु, लक्षण व सामान्य चिकित्सा लिहून हायपरटेंशन व्याधीचे हेतु, प्रकार व चिकित्सा लिहा.  
Write etiology, symptoms and general management of Rasavaha srotas Dushti along with causes, types and management of hypertension.
- कामला व्याधी सविस्तर वर्णन करा.  
Describe Kamala in detail.
- अवटुका ग्रंथीचे स्राव व त्यांचे कार्य लिहून अवटुका ग्रंथी स्राव न्युनता जन्य अवस्थेचे सविस्तर वर्णन करा.  
Write the secretions and their function of thyroid gland along with detail description for hypothyroidism.
- वार्धक्य जनित बदल वर्णन करून कोणतेही दोन वार्धक्यजन्य विकार सविस्तर वर्णन करा.  
Describe in detail two geriatric disease along with geriatric changes in body.



03701 B

## Fourth B.A.M.S. (2012) Examination, Winter 2018

## KAYACHIKITSA — II

Total Duration : 3 Hours

Total Marks : 90

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## SECTION – A (45 Marks)

1. लघुत्तरी प्रश्न (सहापैकी कोणतेही पाच) : (5x3 =15)  
Short answer question (any five out of six) :
  - a) वाजीकरण व्याख्या व वर्गीकरण.  
Vajikarana definition and classification .
  - b) प्रज्ञापराध.  
Pradnyaparadha .
  - c) तृष्णा-प्रकार.  
Trushna - types.
  - d) मुत्राघात-सामान्य चिकित्सा.  
Mutraghat - general management .
  - e) सत्वावजय चिकित्सा.  
Satvavajay chikitsa.
  - f) वातकन्टक लक्षण.  
Symptoms of Vatkantak .
2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) : (6x5 =30)  
Short answer question (any six out of seven) :
  - a) तमकश्वासातील शोधन चिकित्सा.  
Shodhan chikitsa in Tamakshwas .
  - b) अम्लपित्तातील पथ्यापथ्य.  
Amlapitta - Pathyapathya .
  - c) अवसाद-लक्षणे व चिकित्सा.  
Depression – clinical presentation and management .
  - d) अस्थिसौषिर्य – नैदानिक परिक्षणे व लक्षणे.  
Osteoporosis – diagnostic investigation and clinical presentation.

P.T.O.



- e) प्रमेह - हेतु व सामान्य चिकित्सा.  
Prameha - causes and general management .
- f) अर्दीत-सामान्य चिकित्सा.  
Ardit - general management .
- g) गुलेन बॅरी सिंड्रोम.  
Gullian barrie syndrom.

## SECTION - B (45 Marks)

(3x15=45)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

Long answer question (any three out of four) :

a) स्थौल्य व्याधी सविस्तर वर्णन करा.  
Describe Sthoulya in detail.

b) अतिसार व्याधीचे हेतु, सम्प्राप्ती, लक्षणे, प्रकार व चिकित्सा सविस्तर वर्णन करा.

Write causes etiopathogenesis, symptoms, types and management of Atisara in detail

c) कुटी प्रावेशिक व वातातपीक रसायनांचे सविस्तर वर्णन करून आचार रसायनांचे महत्व सांगा.  
Describe Kutipravesika and Vatatapika rasayana in detail along with importance of achar rasayana .

d) वॉटर अॅण्ड ईलेक्ट्रोलाइट इम्बॅलन्स.  
Water and electrolyte imbalance.

## Third B.A.M.S. (2010)/Fourth B.A.M.S. (2012) Examination, Winter 2018

## SHALYA TANTRA – I

Duration: 3 Hours

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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) शस्त्रसंपत् लिहा.  
Write Shastra sampat.
- b) रिंगर्स लॅक्टेट सोल्युशन बद्दल लिहा.  
Explain about Ringer's Lactate solution.
- c) व्रणशोथ आमामवस्था लक्षण लिहा.  
Write Symptoms of Vranashoth Amavastha.
- d) प्राथमिक रक्तस्रावाबद्दल लिहा.  
Write about Primary Haemorrhage.
- e) छेदन-भेदन भेद लिहा.  
Write difference between Chedana and Bhedana.
- f) व्रण शुद्धावस्था लिहा.  
Write about Vrana Shuddhavastha.



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- प्रनष्टशल्य निर्हरण उपाय लिहा.  
Write Pranastashalya Nirharan upay
- सिवन प्रकार लिहा.  
Write types of Sivan(suturing).
- रक्तमोक्षण प्रकार लिहा.  
Write types of Raktamokshan.
- क्ष-किरण परीक्षणचे शल्य चिकित्सेत महत्व लिहा.  
Write importance of X-ray examination in Shalya Chikitsa.
- दग्धव्रण प्रकार लिहा.  
Write types of Dagdha Vrana.
- सुश्रुतोक्त अनुशास्त्र लिहा.  
Write Sushrutokta Anushastra.
- अग्निकर्म उपद्रव व चिकित्सा लिहा.  
Write Agnikarma Upadrava and its management.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

(3x15=45)

Long answer question (any three out of four) :

- यंत्र-व्याख्या, गुण, दोष, कार्य लिहून प्रकार लिहा.  
Write definition, guna, dosha, karya and types of Yantra in details.
- 'बंध' सविस्तर वर्णन करा.  
Describe Bandha (Bandages) in details.
- क्षार निरुक्ति, गुण, दोष, प्रकार व कार्य लिहून क्षार प्रधानता स्पष्ट करा.  
Write Kshar nirukti, guna, dosha, prakara and karya and explain Kshar Pradhanata.
- सार्वदैहिक संज्ञानाशाच्या अवस्था, उपयुक्त द्रव्ये, उपद्रव त्यांची चिकित्सा लिहा.  
Describe in details stages, anaesthetics used, complications and management of general anaesthesia.



03702 B

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SHALYA TANTRA – 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) 'परिवर्तिका' शस्त्रकर्म वर्णन करा.

Write operative procedure of 'Parivartika' (Paraphimosis).

b) सुश्रुतोक्त अश्मरीचे प्रकार लिहा.

Write types of Ashmari according to Sushruta.

c) 'मेढ्र आघातज विकार' लिहा.

Write 'Medra-Aghataj Vikara'.

d) अस्थीभग्न संधानाच्या अवस्था वर्णन करा.

Describe stages of Healing of Fracture.

e) शिरोअभिघात लक्षणे व परिक्षणे लिहा.

Write about signs symptoms and investigation of Head Injury.

f) गुदविद्रधी हेतू व लक्षणे लिहा.

Describe aetiology and symptoms of Guda Vidhradhi.

P.T.O.

03702 B



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा)

Short answer question (any six out of seven) :

a) 'मूत्राघाताचे' प्रकार लिहा.

Write types of 'Mutraghata'.

b) तीव्र अग्नाशय शोथ हेतू प्रकार व निदान वर्णन करा.

Describe etiopathogenesis, classification and diagnosis of Acute Pancreatitis.

c) मूत्रसंग हेतू व चिकित्सा लिहा.

Etiopathogenesis and treatment of Retention of Urine.

d) उदर रोग हेतू प्रकार व निदान लिहा.

Describe etiopathogenesis types and diagnosis of Udar roga.

e) आयुर्वेद मतानुसार भग्न प्रकार लिहून त्याची लक्षणे लिहा.

Write types and signs, symptoms of Bhagna according to Ayurveda.

f) परिकर्तिका लक्षणे व चिकित्सा लिहा.

Write symptoms and treatment of Fissure-in-Ano.

g) पत्ताशय शोथ हेतू, प्रकार व लक्षणे लिहा.

Describe etiopathogenesis types and clinical features of Cholecystitis.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

Long answer question (any three out of four) :

a) आंत्रपुच्छ शोथ हेतू, लक्षणे, प्रकार व त्याची शस्त्रकर्मासह चिकित्सा सविस्तर वर्णन करा.

Write in detail about etiopathogenesis, clinical features, types with surgical treatment of Appendicitis.

b) वृद्धी म्हणजे काय ते सांगून आंत्रवृद्धीचे हेतू, लक्षणे, प्रकार व त्याची शस्त्रकर्मासह चिकित्सा सविस्तर वर्णन करा.

Define 'Vruddhi' and explain etiopathogenesis, clinical features, types with surgical treatment of Inguinal Hernia.

c) आधुनिक मतानुसार 'भग्न' म्हणजे काय ते सांगून त्याची लक्षणे व प्रकार लिहून 'अक्षकास्थिभग्नाचे सविस्तर वर्णन करा.

Define Fracture and signs symptoms, types and describe in detail about 'Akshakasthibhagna' (Clavicle Fracture).

d) पौरुष ग्रंथी वृद्धी हेतू लक्षणे प्रकार, परिक्षणे, निदान व शस्त्रकर्म चिकित्सा सविस्तर वर्णन करा.

Describe etiopathogenesis, clinical features, types investigations, diagnosis and surgical treatment of Benign Prostatic Hypertrophy.

(3×15=45)





Third B.A.M.S. (2010) / Fourth B.A.M.S. (2012) Examination, Winter 2018

SHALAKYA TANTRA – I

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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) सुश्रुतोक्त नेत्ररोगाचे सामान्य हेतु लिहा.

Write down samanya Hetu of Netraroga according to Shushruta.

b) पूयालस व्याधिची चिकित्सा वर्णन करा.

Describe treatment of Puyalasa vyadhi.

c) उत्संगिनी वर्णन करा.

Describe Utsangini.

d) अजकाजात लक्षणे व चिकित्सा लिहा.

Write down lakshana and treatment of Ajakajata.

e) सव्रण शुक्ल व अवरण शुक्ल भेद स्पष्ट करा.

Explain differences between Savrana Shukla and Avrana Shukla.

f) चंद्रोदयावर्ति घटक द्रव्ये व उपयोग लिहा.

Write down ingredients and uses of Chandrodayavarti.

03703 A

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

(6×5=30)

a) अर्जुन व्याधि वर्णन करा.

Describe Arjuna vyadhi.

b) तर्पणाचे प्रधान कर्म लिहा.

Write down Pradhan Karma of Tarpana.

c) नेत्राचे पांचभौतिकत्व वर्णन करा.

Describe Panch Bhautikatwa of Netra.

d) लेख्य व्याधिची नावे लिहा.

Write down names of Lekhya vyadhi.

e) नयनाभिघाताची चिकित्सा लिहा.

Write down treatment of Nayanabhighata.

f) अक्षिपाकात्यय व्याधिची चिकित्सा लिहा.

Write down treatment of Akshipakatyaya vyadhi.

g) कुकुणक व्याधि वर्णन करा.

Describe Kukuruk Vyadhi.

SECTION - B

(45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

Long answer question (any three out of four) :

(3×15=45)

a) आयुर्वेदोक्त नेत्रशारीर सविस्तर वर्णन करा.

Describe Netrasharir according to Ayurveda in detail.

b) अधिमंथ व्याधिचे हेतु, लक्षणे, चिकित्सा वर्णन करून ट्रबेक्युलेक्टॉमी वर्णन करा.

Describe hetu, lakshana, chikitsa of Adhimantha Vyadhi and describe Trabeculectomy.

c) शुक्लगत व्याधि लिहून अर्माचे सविस्तर वर्णन करा.

Write down names of Shuklagata vyadhi and explain Arma in detail.

d) नेत्रपरीक्षण विधि आयुर्वेद व आधुनिक शास्त्रानुसार वर्णन करा.

Describe Netraparikshana Vidhi (examination of eye) according to Ayurveda and modern science.



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SHALAKYA TANTRA – 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) प्रतिश्याय व्याधीचे हेतु लिहा.

Write the causes of Pratishyaya.

b) धूमपान विधी लिहा.

Write Dhumpan vidhi.

c) कर्णगत मर्माचे वर्णन करा.

Describe karnagat marma

d) कर्णगुथक चिकित्सा लिहा.

Write the treatment of karnaguthak.

e) शीताद व्याधीची चिकित्सा लिहा.

Write the treatment of Shitad.

f) मुखपाक लक्षणे लिहा.

Write the symptoms of mukhpak

P.T.O.

03703 B

(6×5=30)

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- पश्चिम नासापरीक्षण विधी लिहा.  
Write the Posterior rhinoscopic examination procedure.
- अडेनॉइड फेसिज लिहा.  
Write Adenoid Facies.
- कवल व गंडूष संबंधी माहिती लिहा.  
Write information about Kaval and Gandush.
- नासाही शिरसोव्दारम् उदाहरणासहित स्पष्ट करा.  
Explain Nasahi shirodwaram with examples.
- नासागत रक्तपित्ताची आत्यायिक चिकित्सा लिहा.  
Write first aid treatment of epistaxis.
- ओरल सबम्युकस फायब्रोसिस सविस्तर लिहा.  
Write oral submucous fibrosis in details.
- कृमिकर्ण व्याधी चिकित्सेसह लिहा.  
Write Krumikarna Vyadhi with treatment.

SECTION – B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

Long answer question (any three out of four) :

- नासाप्रतिनाहचे (Deviated Nasal Septum) कारणे, लक्षणे सांगून आधुनिक शास्त्रानुसार शस्त्रकर्म (Sub Mucosal Resection) सविस्तर वर्णन करा.  
Write causes, symptoms of Nasapratinaha (Deviated Nasal Septum) with its surgical procedure (Sub Mucosal Resection) according to modern science in detail.
- गिलायुछेदन शस्त्रकर्म (Tonsillectomy) सविस्तर लिहून उपद्रवांची चिकित्सा लिहा.  
Write Tonsillectomy surgery with management of its complications in detail.
- सचित्र नासा रचना व क्रिया शारीर सविस्तर लिहा.  
Write anatomy and physiology of Nose with labelled diagram.
- कर्ण रोगांची नावे लिहून कर्णबाधीर्य असलेल्या रुग्णाचे परीक्षण सविस्तर लिहा.  
Write the names of karna roga, describe examinations in case of Deafness in detail.



03704

Third B.A.M.S. (2010)/Fourth B.A.M.S. (2012) Examination, Winter 2018  
PANCHAKARMA

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) : (5x3=15)  
Short answer question (any five out of six) :
- a) बहुदोषावस्था लिहा.  
Write 'Bahudoshavastha'.
  - b) चतुःस्नेहांचे अनुपान सांगा.  
Write Anupan of Chatusneha.
  - c) वामक द्रव्यांचे गुण लिहा.  
Write properties of Vamaka dravyas.
  - d) सम्यक विरेचनाच्या शुद्धी परीक्षा लिहा.  
Write Shudhi pariksha of Samyaka Virechana.
  - e) पिच्छाबस्तिचे घटक व उपयोग लिहा.  
Write ingredients and uses of Picchabasti.
  - f) सुश्रुतोक्त स्वेदन प्रकार लिहा.  
Write the types of Swedan according to Sushrut.

P.T.O.



2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) : (6×5=30)

Short answer question (any six out of seven) :

- फिजिओथेरेपीची व्याख्या लिहा व इन्फ्रारेड थेरेपीचे उपयोग सांगा.  
Define Physiotherapy and describe uses of infrared therapy.
- संसर्जन क्रमाचे महत्व सांगा व हीन शुद्धीचा संसर्जन क्रम वर्णन करा.  
Describe importance of Sansarjan-kram. Also describe Sansarjan Kram for hina-shudhi.
- सविष जलौका दंशजन्य लक्षणे व चिकित्सा वर्णन करा.  
Describe about Daunshajanya lakshanas and chikitsa of Savishajalauka.
- पारंपारिक व आधुनिक कालात वापरली जाणारी बस्तीयंत्र वर्णन करा.  
Describe traditional and modern basti-yantras.
- प्रधमन नस्यविधी वर्णन करा.  
Describe Pradhman Nasya-vidhi.
- प्रच्छान कर्म विधी वर्णन करा.  
Describe Pracchanakarma-vidhi.
- शिरोबस्ती विधी वर्णन करा.  
Describe Shirobasti-vidhi.

SECTION – B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

Long answer question (any three out of four) :

- शोधन चिकित्सेचे महत्व व अनर्हता विस्ताराने लिहा. ऋतुनुसार शोधन चिकित्सा सांगा.  
Explain importance of Shodhan chikitsa and contraindications for shodhan. Also explain Shodhan chikitsa according to seasons.
- स्नेहन अर्ह व अनर्ह सांगून अभ्यंतर स्नेहपान विधी सविस्तर लिहा.  
Explain indications and contraindications of Snehana. Also explain Abhyantar-Snehapan vidhi.
- वमन-विरेचन व्यापद व चिकित्सा सविस्तर लिहा.  
Explain Vaman-Virechana Vyapada and their treatments.
- निरुह बस्तीची व्याख्या व निरुह बस्ती विधी सविस्तर वर्णन करा.  
Define Niruha-basti and explain niruha-basti vidhi in details.



03705

Fourth B.A.M.S. (2012) Examination, Winter 2018  
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)

(4×4 = 16)

1. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) :

Short answer question (any four out of five) :

- a) गवेषणा  
Gaveshna
- b) मूलभूत संशोधन  
Fundamental Research
- c) पुरावा आधारित औषधे  
Evidence Based Medicines
- d) संशोधनात अनुमान प्रमाणाचे महत्व  
Importance of Anuman Pramana in Research
- e) पबमेड  
PubMed

P.T.O.

03705



(1×8 = 8)

2. दीर्घोत्तरी प्रश्न.

Long answer question.

a) आयुर्वेदातील अनुसंधानाचे महत्त्व स्पष्ट करा.

Explain the importance of Anusandhana in Ayurveda.

OR

b) संशोधनातील नीतिशास्त्राची परिकल्पना व महत्त्व स्पष्ट करा.

Explain the concept and importance of ethics in research.

SECTION - B

(20 Marks)

(Medical Statistics)

(3×4 =12)

3. लघुत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

Short answer question (any three out four) :

a) न्यादर्श (नमुना)

Sample

b) बिंदुरेखीय वा आलेखद्वारा सादरीकरण

Graphical presentation

c) माध्यिका

Median

d) परिकल्पना

Hypothesis

4. दीर्घोत्तरी प्रश्न.

Long answer question.

a) सांख्यिकीची व्याख्या लिहून आयुर्वेदात सांख्यिकीची उपयुक्तता स्पष्ट करा.

Define statistics and usefulness of statistics in Ayurveda.

OR

b) वैविध्याचे मापन सविस्तर लिहा.

Detailed measures of Variability.