



**Fourth B.A.M.S. (2012) Examination, Winter - 2020
KAYACHIKITSA - I**

Total Duration : Section A+B = 3 Hours

Total Marks : 90

SECTION - A & SECTION - B

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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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) चिकित्सा चतुष्पादातील वैद्यगुण.
Vaidya guna in Chikitsa Chatushpada.
 - b) वात वृद्धी चिकित्सा.
Management of Vata Vriddhi.
 - c) लीन दोष चिकित्सा.
Management of Lina Dosha.
 - d) कायचिकित्सेत अग्नी चे महत्व लिहा.
Write importance of 'Agni' in Kayachikitsa.
 - e) शमन चिकित्सा प्रकार.
Types of Shaman chikitsa.
 - f) विधीभेदाने ज्वर प्रकार.
Types of Jwara with "Vidhi Bheda"

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

a) AIDS – आयुर्वेदीय चिकित्सा.

AIDS - Ayurvedic Management.

b) पाण्डु – सम्प्राप्ती व चिकित्सा सूत्र स्पष्ट करा.

Describe Samprapti and Chikitsa Sutra of Pandu.

c) तीव्र ज्वर (Hyperpyrexia) - आत्ययीक चिकित्सा.

Hyperpyrexia - Emergency Management.

d) व्यायामोपचार (Physiotherapy) सामान्य सिद्धान्त लिहा.

Write general principles of physiotherapy.

e) उच्च रक्तदाब (Hypertension) प्रकार व चिकित्सीय दृष्टीकोणातून केले जाणारे वर्गीकरण.

Write down types of Hypertension and its classification from treatment point of view.

f) शीतपित्त चिकित्सा.

Management of Sheetpitta.

g) पथ्य-अपथ्य सोदाहरण स्पष्ट करा.

Explain Pathya - Apathya with examples.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four):

a) Pituitary ग्रंथी स्त्रावांचे कार्य विषद करा व Pituitary ग्रंथी अतिस्त्राव जन्य दोन व्याधी सविस्तर वर्णन करा.

Write the functions of pituitary hormones and describe in detail any two conditions of Hyperpituitarism.

b) कामला व्याधी सविस्तर वर्णन करा.

Describe in detail Kamala.

c) वार्धक्य जानित कोणताही एक व्याधी सविस्तर वर्णन करून वार्धक्यावस्थे मध्ये सर्व स्रोतसांमध्ये होणारी परिवर्तने लिहा.

Describe any one disease of "vardhakyavastha" along with changes occurring in all systems.

d) षडविधोपक्रमांचे कायचिकित्सेतील महत्व सोदाहरण सविस्तर वर्णन करा.

Describe in detail importance of 'Shadvidhopakrama' in Kayachikitsa with examples.



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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) भल्लातक रसायन योग नावे लिहून थोडक्यात माहिती द्या.
Write name of bhallataka rasayana and explain in short.
 - b) Irrited Bowel Syndrome (IBS) चिकित्सा.
Irrited Bowel Syndrome (IBS) Management.
 - c) स्थौल्य चिकित्सा सूत्र व कल्प लिहा.
Write line of treatment and kalpa of Sthoulya.
 - d) वाजीकरण द्रव्यांचे वर्गीकरण व त्याचे महत्व लिहा.
Write classification and importance of Vajikarana dravya.
 - e) प्रज्ञापराध स्पष्ट करा.
Explain pradnyaparadha.
 - f) अस्थिक्षय लक्षणे व चिकित्सा लिहा.
Write symptoms and treatment of Asthikshaya.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

Short answer question (any six out of seven)

- उदरव्याधी परिक्षण पद्धती तथा चिकित्सा सूत्र लिहा.
Write investigational methods and chikitsa sutra of Udar Vyadhi.
- ग्रहणी व्याधीमध्ये तक्रारीस्टाचे महत्व.
Write the importance of takrarista in the management of grahani.
- तमकश्वास प्रकार व चिकित्सा लिहा.
Write types and chikitsa of tamakshwasa.
- रक्तपित्त चिकित्सा लिहा.
Write management of Raktpitta.
- मेध्य रसायन लिहा.
Write Medhaya Rasayana.
- पक्षाघात व्याधी लक्षणे व चिकित्सा लिहा.
Write symptoms and management of Pakshaghat.
- Myasthenia gravis चे लक्षण व चिकित्सा.
Write symptoms and treatment of Myasthenia Gravis.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

[3 × 15 = 45]

Long answer question (any three out of four):

- उपदंश व्याधी हेतू, लक्षण, संप्राप्ती, उपद्रव व चिकित्सा लिहा.
Write causes, pathophysiology, symptoms, complications and treatment of Upadansha Vyadhi.
- अपस्मार चिकित्सा सूत्र लिहा.
Explain in detail of epilepsy (Def. causes clinical features diagnosis and management)
- शुक्रदोष म्हणजे काय? हेतू, प्रकार व चिकित्सा सविस्तर लिहा.
What is Shukradhosha? Write causes, types and treatment.
- मूत्राशमरी हेतू, प्रकार, लक्षणे व चिकित्सा लिहा.
Write causes, types, symptoms and treatment of Mutrashmari.



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SHALYA TANTRA - I

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SECTION - A (45 Marks)

1. लघुत्तरी प्रश्न (सहा पैकी कोणतेही पाच) : [5 × 3 = 15]

Short answer question (any five out of six) :

- a) शस्त्र संपत लिहा.
Explain Shastra sampat.
- b) अष्टविध शस्त्रकर्म लिहा.
Write Ashtavidh Shastrakarma.
- c) रासायनिक निर्जंतुकीकरण लिहा.
Explain Chemical Sterilization.

- d) मर्माचे शल्य तंत्रामधे महत्व लिहा.

Write Importance of Marma in Shalya Tantra.

- e) तीव्रग्राहिक स्तब्धता चिकित्सा लिहा.

Write management of Anaphylactic shock.

- f) पाषाणगर्दभ लिहा.

Explain Pashangardabha.

2. लघुत्तरी प्रश्न (सात पैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

- a) विसर्प लक्षणे व चिकित्सा लिहा.

Write signs and symptoms and management of Erysipelas.

- b) अनवबद्ध शल्य निर्हरण उपाय लिहा.

Explain Anawabaddha Shalya Nirharan upay.

- c) षट्क्रियाकाल स्पष्ट करा.

Explain Shatkriyakal.

- d) सुश्रुतोक्त रक्तस्तंभन उपाय लिहा.

Explain Sushrutokta Raktastambhan upaay.

- e) रेनॉडस् डिसीज लक्षणे लिहा.

Write clinical features of Raynaud's disease.

- f) सिराकौटिल्य हेतू व लक्षणे लिहा.

Write Causes and sign, symptoms of varicose veins.

- g) व्रण शोणाच्या अवस्था लिहा.

Write Stages of Vranashoth.

SECTION - B (45 Marks)

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

Long answer question (any three out of four) :

- a) धनुस्तंभाचे प्रकार, लक्षणे व चिकित्सा आयुर्वेद व आधुनिक मतानुसार लिहा.

Write down the types, clinical features and management of Dhanustambha (Tetanus) according to Ayurveda and modern science.

- b) संज्ञानाश म्हणजे काय? संज्ञानाशाचे प्रकार लिहून सौषुम्निक संज्ञानाशाचे सविस्तर वर्णन करा.

What is Anaesthesia? Write down the types of Anaesthesia. Describe Spinal anaesthesia in details.

- c) प्रमाद दग्धाचे प्रकार व दग्धाची आयुर्वेद व आधुनिक मतानुसार चिकित्सा लिहा.

Write down the types of Pramad Dagdha and explain Ayurvedic and modern management of burns.

- d) यंत्राचे प्रकार, संख्या व कार्ये लिहून यंत्राचे गुण दोष वर्णन करा.

Write down the types, numbers and functions of Yantra and explain its Guna, Dosha in details.



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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) पित्ताशय अश्मरी प्रकार लिहा.
Write types of Cholelithiasis.
 - b) मूत्राघात व मूत्रकृच्छ्र यांतील फरक लिहा.
Write difference between Mutraghat and Mutrakruchchhra.
 - c) गुडसाल्स रूल लिहा.
Write Goodsall's rule.
 - d) अग्न्याशय शोथ लक्षणे लिहा.
Write clinical features of Pancreatitis.
 - e) "गुल्म" बददल लिहा.
Write about Gulma.
 - f) "परिवर्तिका" बददल लिहा.
Explain about Paraphimosis.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

a) सहज वृक्क विकारां बददल लिहा.

Write congenital anomalies of the kidney.

b) आमालशय व्रण - ग्रहणीज व्रण फरक लिहा.

Write difference between Gastric ulcer and Duodenal ulcer.

c) स्तन घातकार्बुद लक्षणे लिहा.

Write clinical features of Carcinoma of the Breast.

d) सुश्रुतोक्त भगन्दर चिकित्सा लिहा.

Write Sushrutokta Bhagandara chikitsa

e) गुदगत रक्तस्त्रावाची विविध कारणे लिहा.

Write various aetiology for Per Rectal Bleeding.

f) सुश्रुतानुसार मूत्रज वृद्धि शस्त्रकर्म लिहा.

Write Sushrutokta Mutraj Vridhi Shastrakarma.

g) आन्त्रावरोध लक्षणे लिहा.

Write Signs and Symptoms of Intestinal Obstruction.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four):

a) यकृतविकारांबददल माहीती लिहा. 'हायडॉटिडसिस्ट' बददल सविस्तर लिहा.

Write about diseases of 'Liver'. Give detail account on 'Hydatid cyst'.

b) अप्रत्यक्ष व प्रत्यक्ष वंक्षण वृद्धि फरक लिहून अप्रत्यक्ष वंक्षण वृद्धिचे शस्त्रकर्म लिहा.

Describe difference between Indirect and Direct inguinal hernia. Write surgical management for Indirect inguinal hernia.

c) अस्थि भग्न प्रकार लिहून उर्वस्थि ग्रिवा भग्नाचे सविस्तर वर्णन करा.

Write types of Asthi Bhagna and describe fracture neck femur in details.

d) सौम्य पौरुषग्रंथी वृद्धि लक्षणे, परिक्षण व चिकित्सा लिहा.

Write clinical features, investigations and management of benign enlargement of the prostate.



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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) अर्जुन व्याधिचे हेतु व लक्षणे लिहा.
Write the causes and symptoms of Arjun vyadhi.
 - b) अजकाजात व्याधिचे लक्षणे लिहा.
Write the symptoms of Ajakajata vyadhi.
 - c) कर्णिका स्तरांची नावे लिहून कर्णिकेची कार्य लिहा.
Write the names of layers and function of cornea.
 - d) सनिमित्त लिंगनाश आणि अनिमित्त लिंगनाश व्याधिचे कारण व लक्षणे लिहा.
Write the causes and symptoms of Sanimitta linganasha and Animitta linganasha vyadhi.
 - e) कफविदग्धदृष्टी व्याधिची लक्षणे लिहा.
Write the signs and symptoms of Kaphavidagdhadhrishti vyadhi.
 - f) बलासग्रथीत व्याधिची माहिती लिहा.
Write information about Balasagrathita vyadhi.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

a) पक्ष्मकोप व्याधि वर्णन करा.

Describe Pakshmakopa vyadhi.

b) टोनोमेट्रीविषयी लिहा.

Write about tonometry.

c) लिंगनाश परिक्षण लिहा.

Write cataract examination.

d) पुटपाकाचे प्रकार लिहून त्यात वापरली जाणारी द्रव्ये लिहा.

Write types of putapaka and contents used in it.

e) नयनाभिघाताची कारणे व लक्षणे लिहा.

Write the causes and signs and symptoms of Nayanabhighata.

f) नेत्रपेशींचे नावे लिहून त्यांची कार्ये लिहा.

Write names of the muscles of eyeball and write their functions.

g) एक पिडका असणारे वर्तमगत व्याधिचे वर्णन करा.

Describe the vartmagat vyadhi having one pidika.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four):

a) सर्वगत व्याधिची नावे लिहून अभिष्यंद व्याधिचे प्रकार, वर्गीकरण व चिकित्सा आयुर्वेद व आधुनिकानुसार लिहा.

Write names of Sarvagat vyadhi and write types, classification and treatment of abhishyanda vyadhi according to ayurveda and modern.

b) पूयालस (Dacryocystitis) व्याधिची कारणे, लक्षणे व चिकित्सा आधुनिक शास्त्रानुसार वर्णन करा.

Write the causes, symptoms and treatment of puyalasa (Dacryocystitis) according to modern science.

c) नेत्रगत क्रियाकल्पांची नावे लिहून अंजन विधि सविस्तर वर्णन करा.

Write names of netragat kriyakalpa and describe Anjan vidhi in detail.

d) दृष्टिमणी शारीर रचनेचे वर्णन आकृतीसह करून दृष्टिमणी परिक्षण सविस्तर लिहा व आधुनिक मतानुसार लिंगनाश शस्त्रकर्म वर्णन करा.

Describe the anatomy of lens with diagrams and write the examination of lens in brief and also describe cataract surgery according to modern view.



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 - 7) Use a common answerbook 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) कर्ण संधान विधी
Karna Sandhan Vidhi.
 - b) ओष्ठगत व्याधी साध्यासाध्यत्व
Prognosis of Oshtagat Vyadhi.
 - c) कर्णक्ष्वेड लक्षणे व चिकित्सा
Sign and symptom of Karnakshweda
 - d) नासावरोध कारणे
Causes of Nasavarodha
 - e) नासा पाक लक्षणे व चिकित्सा
Sign and symptom of Naasa Paaka
 - f) विरेचन नस्य उपयोग
Use of Virechan nasya.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

[6 × 5 = 30]

Short answer question (any six out of seven):

- नासागत शल्य
Foreign body in nose
- कर्णशूल हेतु
Causes of earache
- जिव्हा कंटक लक्षणो व चिकित्सा
Sign-symptom and treatment of Jivha Kantak
- दंतशर्करा लक्षणो व चिकित्सा
Sign-symptom and treatment of Danta Sharkara.
- नासार्ष
Naasarsha
- थुडीकम नेजल स्पेक्युलम उपयोगिता
Uses of Thudikam's Nasal speculum
- पॅरानेझल सायनस्.
Paranasal sinuses.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

[3 × 15 = 45]

Long answer question (any three out of four):

- बाधीर्य हेतु, प्रकार व परिक्षणे लिहा.
Write a hetu, types and method of examinations in Deafness.
- दंतमुलगत व्याधीचे नावे लिहून दंतवेस्टक, दंतपुप्पुटकाचे लक्षणो व चिकित्सा लिहा.
Write name of Dantamulagata Vyadhi explain sign-symptom and treatment of Dantavestaka and Dantapupptaka.
- नासागत रक्तस्राव हेतु व चिकित्सा लिहा.
Write causes and treatment of epistaxis.
- शिरःशूल, व्यवच्छेदक निदान व आवश्यक परिक्षणे लिहा.
Write differential diagnosis and examinations in Shira-shool (headache).



Fourth B.A.M.S. (2012) Examination, Winter - 2020
PANCHAKARMA

Total Duration : Section A+B = 3 Hours

Total Marks : 90

SECTION - A & SECTION - B

- 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 answerbook 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) वर्षाऋतूतील पंचकर्म लिहा.
Give the Panchkarmas during Varsharutu.
 - b) बहुदोषअवस्थाचे लक्षण लिहा.
Write the lakshans of Bahudoshavastha.
 - c) संकर स्वेदन लिहा.
Write Sankar sweda.
 - d) प्रतिमर्श नस्याचे काल व मात्रा लिहा.
Write the kala and matra of Pratimarshya nasya.
 - e) जलौकावचारण पूर्व जलौका शोधन विधि लिहा.
Write down the shodhanvidhi of Jalauka before Jalaukavacharan.
 - f) स्नेहोपग म्हणजे काय? चरकोक्त स्नेहोपग गण लिहा.
What do you mean by snehopaga? Write down Snehopaga gana according to Charak.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

- चरकोक्त नस्य प्रकार उदाहरणासहित लिहा.
Describe with examples types of Nasya according to Charaka.
- अनाग्नि स्वेद वर्णन करा.
Describe Anagni sweda.
- सरक्त वमन व्यापद लिहा.
Describe the complication "Sarakt Vaman".
- सद्यःकालातील बस्तीयंत्र लिहा.
Describe the Bastiyantras used in present era.
- मदनफळाचे गुण, कर्म व संग्रहविधि वर्णन करा.
Describe the guna, karma and sangrahavidhi of madanphala.
- पेयादी संसर्जन क्रम वर्णन करा.
Describe peyadi Sansarjan krama.
- व्हॅक्स थेरपि वर्णन करा.
Describe the wax therapy.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

- मूर्ध्नितैल वर्णन करून कार्मुकता स्पष्ट करा.
Explain Murdhnitaila with its mode of action.
- पिच्छाबस्तिचे घटकद्रव्ये सांगून बस्तिदानविधि वर्णन करा.
Explain the contents of Picchabasti and describe the Bastidanvidhi.
- वमनाचे अर्ह-अनर्ह सकारण स्पष्ट करा.
Explain the indication and contraindication of Vaman with reason.
- चरकोक्त विरेचन व्यापद व चिकित्सा वर्णन करा.
Explain the Virechan vyapad and its chikitsa according to Charaka.



Fourth B.A.M.S. (2012) Examination, Winter - 2020
RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Total Duration : Section A+B = 2 Hours

Total Marks : 44

SECTION - A & SECTION - B

- 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 answerbook for **all** sections.

SECTION - A (24 Marks)
(Research Methodology)

1. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) : [4 × 4 = 16]
Short answer question (any four out of five) :
- a) अनुमान प्रमाणाचे अनुसंधानातील महत्व लिहा.
Write the importance of Anumana Praman in Research.
 - b) अन्वेषण व्याख्या व समानार्थी शब्द लिहा.
Write definition and synonyms of Anveshana.
 - c) संशोधनाचे प्रकार लिहा.
Write the types of Research.
 - d) आयुर्वेदात अनुसंधानाची गरज का?
What is the need of research in Ayurveda?
 - e) वैज्ञानिक लिखाणात संदर्भ ग्रंथांची यादी लिहण्याच्या पद्धती कोणत्या?
Write the different types of Bibliography in scientific writing?

2. दिर्घोत्तरी प्रश्न.

[1 × 8 = 8]

Long answer question.

a) अनुसंधान प्रक्रियेतील टप्पे लिहून प्रत्येकाचे महत्व स्पष्ट करा.

Write the Research process and importance of each step in brief.

OR

b) वैद्यकीय संशोधनातील नैतिक शास्त्राची तत्वे लिहा.

Write the principles of ethics in medical 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) डेटा म्हणजे काय?

What is data?

b) प्राकृत वक्र चे गुणधर्म लिहा.

Write the characteristics of Normal curve.

c) संगणकाचा सांख्यिकी शास्त्रात उपयोग लिहा.

Write the use of computer in Statistics.

d) खालील डेटा वरून एका कुटुंबातील सरासरी मुलांची संख्या काढा.

मुलांची संख्या

कुटुंबाची संख्या

0

30

1

52

2

60

3

65

4

18

5

10

6

5

Calculate the average number of children per family from the following data.

No. of children	No. of family
0	30
1	52
2	60
3	65
4	18
5	10
6	5

4. दिर्घोत्तरी प्रश्न.

[1 × 8 = 8]

Long answer question.

a) सारणी निर्माण म्हणजे काय? सारणीचे गुणधर्म लिहून संख्यात्मक डेटाची प्रत्युस्थापन पद्धती लिहा.

What is tabulation? Describe the characteristics and enumerate methods of presentation of quantitative data.

OR

b) वैविध्य म्हणजे काय? वैविध्याचे प्रकार लिहून वैविध्य मापन कसे करतात ते लिहा?

What is variability? Write types of variability and measures of variability?

