

Fourth B.A.M.S. (2012) Examination, Summer - 2021
KAYACHIKITSA - I

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.
 - 7) Use a common answer book 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) अनुपान.
Anupana.
- b) सिद्ध चिकित्सा.
Siddha-Chikitsa.
- c) वातवृद्धी-क्षय लक्षण.
Vata Vriddhi-Kshaya lakshana.
- d) पित्तदोष उपक्रम.
Pitta dosha Upakrama.
- e) Pitutary Gland चे व्याधी.
Diseases of Pitutary Gland.
- f) मानसरोग सामान्य चिकित्सा सिध्दांत.
Samanya chikitsa siddhanta of manasa Roga.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- a) Myocardial infarction आत्ययिक चिकित्सा.
Emergency management of Myocardial infarction.
- b) राष्ट्रीय मलेरिया निर्मुलन कार्यक्रम.
National Malaria Eradication Programme.
- c) Pneumonia चे लक्षणे व आयुर्वेदिक आणि आधुनिक चिकित्सा लिहा.
Explain symptoms and Ayurvedic as well as modern managements of Pneumonia.
- d) Protein अभावजन्य व्याधी.
Protein Deficiency Disorders.
- e) औषधसेवन काल सोदाहरण स्पष्ट करा.
Explain Aushadha Sevana Kala with examples.
- f) शीतपित्त चिकित्सा.
Chikitsa of Sheeta Pitta.
- g) चिकित्सा चतुष्पाद गुण लिहा.
Describe guna of Chikitsa Chatushpada.

SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

- a) 'वातरक्त' व्याधीची सम्प्राप्ति व चिकित्सा सविस्तर वर्णन करा.
Describe in detail Samprapti and Chikitsa of 'Vatarakta Vyadhi'.
- b) जीर्ण ज्वराची सम्प्राप्ति व चिकित्सा सविस्तर वर्णन करा.
Describe in detail Samprapti and Chikitsa of 'Jeerna Jwara'.
- c) 'षड्विधोपक्रम' वर्णन करा.
Describe Shadvidhopakrama.
- d) Tuberculosis ची आधुनिक व आयुर्वेदिक चिकित्सा सविस्तर लिहा.
Write in detail Modern Management and Ayurvedic Chikitsa of Tuberculosis.



**Fourth B.A.M.S. (2012) Examination, Summer - 2021
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) अम्लपित्त व्याधीची लक्षणे लिहून चिकित्सा लिहा.
Write down the symptoms and treatment of Amlapitta.
 - b) गृध्रसी चिकित्सा लिहा.
Write down the treatment of Grudhrasi.
 - c) धातुक्षयजन्य संधीगत वात व्याधीचे चिकित्सा सूत्र लिहून चिकित्सा लिहा.
Write down the chikitsa sutra and treatment of Dhatu Kshayajanya Sandhigat Vata Vyadhi.
 - d) "गुलेन बॅरी सिंड्रोम" लक्षणे व चिकित्सा लिहा.
Write down the symptoms and management of "Guillain Barre Syndrome".
 - e) क्रॉनिक ऑबस्ट्रक्टिव्ह पलमोनरी डिसऑर्डर (सी.ओ.पी.डी.) लक्षणे लिहून चिकित्सा लिहा.
Write down the symptoms and treatment of Chronic Obstructive Pulmonary Disorder (C.O.P.D.)
 - f) गुल्म चिकित्सा लिहा.
Write in brief about 'Gulma Chikitsa'.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

Short answer question (any six out of seven) :

- राजयक्ष्मा व्याधीची लक्षणे लिहून चिकित्सा लिहा.
Write down the symptoms and treatment of Rajyakshma.
- मूत्राघात आणि रिनल फेल्युअर ची लक्षणे, तपासणी व चिकित्सा लिहा.
Write down the symptoms, investigations and management of Mootraghat and Renal Failure.
- अर्दित व्याधीची लक्षणे लिहून चिकित्सा लिहा.
Write down the symptoms and management of 'Ardit'.
- आचार रसायन सविस्तर लिहा.
Write down in detail about Aachar Rasayana.
- स्थौल्य व्याधीची लक्षणे, तपासणी व चिकित्सा लिहा.
Write down the symptoms, investigations and treatment of Sthaulya Vyadhi (Obesity).
- ग्रहणी व्याधीची लक्षणे लिहून चिकित्सा लिहा.
Write down the symptoms and treatment of Grahani Vyadhi.
- सिफीलिस व्याधीची लक्षणे, तपासणी व चिकित्सा लिहा.
Write down the symptoms, investigations and treatment of Syphilis.

SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

- मधुमेह व्याधीची लक्षणे, प्रकार, तपासणी व चिकित्सा आयुर्वेद मतानुसार लिहा आणि Write management of Diabetes Mellitus.
Write down the symptoms, types, investigations and treatment of Madhumeha as per Ayurveda and Write management of Diabetes Mellitus.
- वाजीकरण व्याख्या लिहून सुप्रजाजनना साठी उपयुक्त असणारे चार वाजीकरण कल्पाचे वर्णन करून आजच्या काळातील वाजीकरणाचे महत्त्व लिहा.
Write down the definition of Vajikarana and four vajikarana kalpa for suprajajanana and describe the importance of vajikarana in today's era.
- अतिसार व्याधीची संप्राप्ती, लक्षणे, अवस्था, तपासणी व चिकित्सा आयुर्वेद व आधुनिक मतानुसार लिहा.
Write down the samprapti, symptoms, stages, investigations and treatment of Atisara (Diarrhoea) according to Ayurved and modern medical science.
- उन्माद व्याधीची संप्राप्ती, लक्षणे, चिकित्सा सविस्तर वर्णन करा.
Describe in detail the samprapti, symptoms and treatment of Unmada Vyadhi.



Third B.A.M.S. (2010)/Fourth B.A.M.S. (2012) Examination,
Summer - 2021
SHALYA TANTRA - I
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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) कदर वर्णन करा.
Explain Corn.
- b) सिराज ग्रंथी लिहा.
Write down D.V.T.
- c) दग्ध व्रण प्रकार वर्णन करा.
Describe types of Burn.

- d) प्रमेह पिडका वर्णन करा.

Describe Diabetic Carbuncle.

- e) विद्रधी व्याख्या व प्रकार लिहा.

Write down definition & types of abscess.

- f) क्षारवर्ति वर्णन करा.

Explain Ksharvarti.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

[6 × 5 = 30]

Short answer question (any six out of seven) :

- a) बंध व्याख्या लिहून सुश्रुतोक्त बंधाचे प्रकार लिहा.

Define Bandha and write down the types of Bandha as per Sushrutacharya.

- b) व्रण अवस्था वर्णन करा.

Explain stages of Vrana.

- c) रक्त हा चवथा दोष आहे, वर्णन करा.

Explain 'Rakta' as a fourth dosha.

- d) पायनाविधी प्रकारासह वर्णन करा.

Explain tempering of instruments with types.

- e) नाडीव्रण चिकित्सा आयुर्वेद व आधुनिक शास्त्रानुसार स्पष्ट करा.

Explain management of sinus according to Ayurveda & Modern science.

- f) सिराकौटील्य लक्षणे व चिकित्सा लिहा.

Explain signs/symptoms & management of Varicose Veins.

- g) मेदोज ग्रंथी शस्त्रकर्म चिकित्सा त्रिविध कर्मानुसार लिहा.

Write down the surgical management of Lipoma according to Trividh Karma.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four):

- a) क्ष-किरण, सोनोग्राफी, सि.टी. स्कॅन, एम, आर. आय. यांची रुग्णपरिक्षण व चिकित्सेकरिता कसा उपयोग होतो.

Write down usefulness of X-Ray, Sonography, C.T. Scan, MRI for examination & treatment of Patient in detail.

- b) निर्जंतुकीकरण व्याख्या, पध्दत, प्रकार लिहून त्याची शल्यतंत्रीय भुमिका स्पष्ट करा.

Explain definition, method, types of sterilization & its role in surgical practice.

- c) मर्म अर्धचिकित्सा सिध्दांत सविस्तर वर्णन करा व त्याचे शल्यतंत्रीय महत्व श्लोकासह लिहा.

Explain 'Marma' as an Ardhachikitsa & describe its surgical importance with shloka.

- d) संज्ञाहरण व्याख्या व प्रकार लिहून सार्वदेहिक संज्ञाहरण अवस्था व सार्वदेहिक संज्ञाहरण द्रव्ये सविस्तर वर्णन करा.

Explain definition and types of anaesthesia and describe stages of general anaesthesia with drugs used in general anaesthesia in detail.



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SHALYA TANTRA-II

(Fourth BAMS 2012 Syllabus is applicable to BAMS 2010/Old/
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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) आंत्रावरोध व्याख्या व प्रकार लिहा.

Define Intestinal obstruction and write down its types.

b) आधुनिकांनुसार श्रोणिच्या आघाताचे प्रकार सांगा.

Explain types of Pelvis Injury according to modern science.

c) आमशयगतत्रण हेतु व लक्षणे लिहा.

Write down aetiology and clinical features of Peptic Ulcer.

- d) “ऑस्टीयोमायलाइटिस” व्याख्या व त्याचे प्रकार सांगा.
Define Osteomyelitis & write down its types.
- e) आयुर्वेदानुसार आंत्रजवृद्धीची कारणे व लक्षणे लिहा.
Describe Aetiology and pathogenesis of Hernia according to Ayurveda.
- f) पित्ताश्मरीचे प्रकार सांगा.
Write down types of Gall stones.

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

Short answer question (any six out of seven) :

- a) आधुनिकानुसार पौरुषग्रंथीवृद्धीचे लक्षणे व शारीरिक परिक्षण सांगा.
Write down clinical features and physical examination of Benign Hypertrophy of Prostate.
- b) आधुनिकानुसार प्लीहावृद्धीची कारणे व लक्षणे लिहा.
Write down causes and clinical features of Splenomegaly according to modern science.
- c) तीव्र अग्न्याशयशोथाचे लक्षण सांगून त्यामधील करावयाच्या नैदानिक परीक्षणांची माहिती लिहा.
Describe clinical features of Acute Pancreatitis and write down special investigations in Acute Pancreatitis.
- d) आधुनिकानुसार आमाशयगत व्रण व ग्रहणीगत व्रणामधील फरक स्पष्ट करा.
Differentiate between Gastric & Duodenal ulcer.
- e) उण्डुकापुच्छशोथाचे शस्त्रकर्म कोण-कोणत्या अवस्थांमध्ये करू नये ते सांगून उण्डुकापुच्छ विद्रधीची चिकित्सा सांगा.
Write down contra-indications of Appendectomy and write treatment of Appendicular Abscess.
- f) आयुर्वेदोक्त संधीमोक्षाचे प्रकार सांगून सामान्य चिकित्सा लिहा.
Write down types of dislocation & its general treatment according to Ayurveda.
- g) आधुनिकानुसार कोलिस फ्रॅक्चरची संप्राप्ति व लक्षणे लिहा.
Write about aetiopathogenesis & symptoms of Colle's fracture.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

[3 × 15 = 45]

Long answer question (any three out of four):

- a) स्तनार्बुदाचे हेतु, प्रकार, लक्षणे व शस्त्रकर्म चिकित्सा वर्णन करुन टी.एन.एम. वर्गीकरण सविस्तर लिहा.

Write down aetiology, types, clinical features and surgical management of Breast Tumour and describe in detail about TNM classification.

- b) भग्न - व्याख्या लिहून त्यांचे सुश्रुतोक्त प्रकार, लक्षणे सांगून भग्नाची सामान्य चिकित्सा लिहा.

Define fracture and describe its various types, clinical features and general management of fracture according to Sushruta.

- c) गुदविद्रधि व्याख्या, हेतू, प्रकार, लक्षणे, नैदानिक परिक्षणे, उपद्रव व शस्त्रकर्म चिकित्सा सविस्तर वर्णन करा.

Write down definition, aetiology, types, clinical features, investigations, complications and surgical management of Anorectal abscess.

- d) मूत्रजवृद्धिची व्याख्या, लक्षणे, नैदानिक परिक्षण, चिकित्सा सांगून आधुनिकानुसार जॅबूलेज प्रोसीजर चे वर्णन करा.

Define Hydrocele and write down clinical features, types, investigations and treatment of Vaginal Hydrocele and describe Jaboulay's procedure according to modern science.



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SHALAKYA TANTRA-I

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SECTION - A (45 Marks)

1. लघुत्तरी प्रश्न (सहायैकी कोणतेही पाच):

[5 × 3 = 15]

Short answer question (any five out of six):

- a) शुक्तिका
Shuktika.
- b) दृष्टिमणी शारीर रचना
Anatomy of lens.
- c) अश्रुकला कोष धावन
Lacrimal sac syringing.
- d) नेत्रदाब मापन
Tonometry.

- e) वार्धक्यज दृष्टि दोष
Presbyopia.

- f) वातज नेत्राभिष्यंद लक्षणो.
Signs and symptoms of Vataj Netrabhisyaand.

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

Short answer question (any six out of seven) :

- a) निकटदृष्टिता.

Myopia.

- b) दृष्टिमणी अभाव.

Aphakia.

- c) नेत्ररोगाचे सामान्य हेतु.

Common causes of eye diseases.

- d) कर्णिका परीक्षण.

Examination of cornea.

- e) अर्जुन.

Arjuna.

- f) वातज तिमिर चिकित्सा.

Treatment of vaataj timir.

- g) सुश्रुतानुसार नेत्ररोग वर्गीकरण.

Classification of eye diseases by Sushruta.

SECTION - B (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन):

[3 × 15 = 45]

Long answer question (any three out of four):

a) ग्लाकोमा व्याधीची निदानात्मक परीक्षणे व चिकित्सा लिहा.

Write diagnostic examinations and treatment of Glaucoma.

b) अर्म चिकित्सा आधुनिक व आयुर्वेद मताने लिहा.

Write modern and ayurvedic treatment of Arma.

c) तर्पण कर्म विधि सविस्तर लिहा.

Write procedure of Tarpan karma.

d) सव्रण शुक्ल लक्षणे, साध्यासाध्यत्व व चिकित्सा लिहा.

Write signs and symptoms, sadhyasadhyatva and treatment of Savrana Shukla.



Third B.A.M.S. (2010)/Fourth B.A.M.S. (2012) Examination,
Summer - 2021
SHALAKYA TANTRA-II
(Fourth BAMS 2012 Syllabus is applicable to BAMS 2010/Old/
New students w.e.f. Summer - 2018 Exam)

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.
 - 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) कृमीकर्ण व्याधी विषयी लिहा.
Write about Krumikarna Vyadhi.
- b) जलाबुद (mucoid cyst) हेतु व चिकित्सा लिहा.
Write causes and treatment of Jalarbuda (mucoid cyst).
- c) सूर्यावर्त व्याधीची चिकित्सा लिहा.
Write the treatment of Suryavarta Vyadhi.

- d) कण्ठशालूक व्याधीची लक्षणणे लिहा.

Write symptoms of Kanthashaluk.

- e) शिरोरोगाची सामान्य संप्राप्ती लिहा.

Write Samanya Samprapti of Shirorog.

- f) कर्णगुथकाची ग्रंथोक्त चिकित्सा लिहा.

Write Granthokta Chikitsa of Karnaguthaka.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा):

[6 × 5 = 30]

Short answer question (any six out of seven) :

- a) पश्चिम नासारंध्र परिक्षेविषयी लिहा.

Write about posterior Rhinoscopy examination.

- b) कर्णबाधीर्यासाठीचे परिक्षण विधी लिहा.

Write examination for Karnabadhriya.

- c) रोहीणी व्याधीचे प्रकार लिहा.

Write types of Rohini Vyadhi.

- d) प्रतिश्याय व्याधीचे प्रकार व संप्राप्ती सांगा.

Write the types and samprapti of Pratishyay Vyadhi.

- e) लिटल्स अॅरियाचे वर्णन करुन त्याचे महत्त्व सांगा.

Describe little's area and its importance.

- f) काश्यप संहितानुसार मुखरोगाची सामान्य लक्षणणे सांगा.

Write general symptoms of Mukharoga as per Kashyap Samhita.

- g) स्वरयंत्र परिक्षण लिहा.

Write examination of Larynx.

SECTION - B (45 Marks)

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

Long answer question (any three out of four):

a) नस्याचे प्रकार, विधी व सम्यकयोग अयोग, अतियोग लिहून प्रकारानुसार उपयोगिता सविस्तर वर्णन करा.

Describe in detail types, vidhi, Samyakyoga ayoga and atiyoga of Nasya, write uses of Nasya in details as per types.

b) दंतमूलगत रोगांचे प्रकार सांगून दंतपुप्पुटक, शिताद व दंतवर्धन व्याधी सविस्तर वर्णन करा.

Write types of Dantmulgat vyadhi and describe Dantpupputak, Shitad and Dantvardhan vyadhi in detail.

c) नासाप्रतिनाह व्याधीची कारणे, लक्षणे लिहून त्यासाठी केले जाणारे शस्त्रकर्म आधुनिकानुसार वर्णन करा.

Write causes, symptoms of Nasapratinah Vyadhi and write surgery for deviated nasal septum.

d) आयुर्वेदीय व आधुनिक मतानुसार कर्ण रोगांची प्रकार व नावे लिहून पूतिकर्ण (otorrohea) व्याधीचे सविस्तर वर्णन करा.

Explain the types, names of Karnaroga and write in detail about Putikarna Vyadhi (otorrohea) according to Ayurved and modern view.



Third/Fourth B.A.M.S. (2010)/(2012) Examination, Summer - 2021
PANCHAKARMA

(Fourth BAMS 2012 Syllabus is Applicable to BAMS 2010/Old/New Students w.e.f. Summer - 2018 Exam)

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.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
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 - 7) Use a common answer book 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) अभ्यंगाचे गुण लिहा.
Write 'Properties of Abhyanga'.
- b) संकर स्वेद लिहा.
Write 'Sankar sweda'.
- c) मदनफळ संग्रह विधि लिहा.
Write 'Sangrah Vidhi' of madanphala.
- d) अवपीडक नस्य म्हणजे काय ते लिहा.
Write Avapeedaka Nasya.
- e) बस्ती द्रव्य संमेलन विधि लिहा.
Write 'Basti Dravya preparation Vidhi'.
- f) व्हॅक्स-बाथ थेरपी लिहा.
Write 'Wax-Bath Therapy'.

2. लघुत्तरी प्रश्न (सातपैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

a) अष्टौमहादोषकर भाव वर्णन करा.

Describe 'Aushtaumahadoshkar Bhava'.

b) वमन अर्ह व अनर्ह वर्णन करा.

Describe Indications and Contraindications of 'Vamana'.

c) शारंगधरानुसार विरेचन प्रकार वर्णन करा.

Describe the types of 'Virechana' according to Sharangdhar.

d) यापन बस्तीचे उपयोग व व्यापद वर्णन करा.

Describe uses and Vyapada of 'Yapana Basti'.

e) वयानुसार निरुह बस्ती मात्रा वर्णन करा.

Describe dose of niruhabasti according to age.

f) नस्य व्यापद वर्णन करा.

Describe Vyapada of Nasya.

g) रक्तमोक्षणाचे प्रकार वर्णन करा.

Describe the types of Raktmokshana.

SECTION - "B" (45 Marks)

3. दीर्घोत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 15 = 45]

Long answer question (any three out of four) :

a) वमनाची व्याख्या सांगा. वामक द्रव्यांचे गुण व कर्म सांगून कार्मुकत्व सविस्तर लिहा.

Define Vamana. Explain properties and actions of Vamak-dravyas. Also explain mode of action of vamana.

b) विरेचन विधि-पूर्वकर्म, पश्चातकर्मासह सविस्तर लिहा.

Explain purvakarma and paschatkarma of 'Virechan-vidhi'.

c) निरुह बस्ति व्यापद व चिकित्सा सविस्तर लिहा.

Explain Vyapada and Chikitsa of niruh-basti.

d) नस्याचे विविध प्रकार सांगून नस्य कार्मुकत्व सविस्तर लिहा.

Explain different types of Nasya and also explain mode of action of Nasya.



Fourth B.A.M.S. (2012) Examination, Summer - 2021
RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Total Duration : 2 Hours

Total Marks : 44

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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 - 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 answer book for all sections.
 - 8) Use a simple calculator.

SECTION - "A" (24 Marks)

(Résearch Methodology)

1. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) : [4 × 4 = 16]

Short answer question (**any four** out of five) :

- a) आयुर्वेदामध्ये संशोधनाची आवश्यकता लिहा.
Write need of Research in Ayurved.
- b) संशोधनामध्ये इथिक्स संकल्पना व त्याचे महत्व लिहा.
Write concept and importance of ethics in Research.
- c) शास्त्रीय लिखाणा विषयी लिहा.
Write about scientific writing.
- d) संशोधनाच्या प्रकार विषयी लिहा.
Write about the types of Research.
- e) आयुर्वेदात आढळणाऱ्या संशोधन दाखल्यां विषयी लिहा.
Write about evidences of Research in Ayurvedic classics.

2. दीर्घोत्तरी प्रश्न :

[1 × 8 = 8]

Long answer question :

a) संशोधन प्रक्रिया सविस्तर वर्णन करा.

Describe research process in detail.

OR

b) संशोधनामध्ये प्रमाण माध्यम सविस्तर वर्णन करा.

Describe role of pramanas as research tools.

SECTION - "B" (20 Marks)

(Medical Statistics)

3. लघुत्तरी प्रश्न (चारपैकी कोणतेही तीन) :

[3 × 4 = 12]

Short answer question (any three out of four) :

a) वैद्यकीय सांख्यिकीचे महत्व लिहा.

Write importance of medical statistics.

b) स्टॅण्डर्ड एरर विषयी लिहा.

Write about standard error.

c) डेटा सादरीकरण विषयी लिहा.

Write about the presentation of Data.

d) मेडियन सोदाहरण वर्णन करा.

Describe median with example.

4. दीर्घोत्तरी प्रश्न :

[1 × 8 = 8]

Long answer question :

a) 'लॉज ऑफ प्रोब्याबिलिटी' सविस्तर वर्णन करा.

Describe the 'Laws of Probability' in detail.

OR

b) नॉन पॅरामेट्रिक टेस्ट सविस्तर वर्णन करा.

Describe the non-parametric tests in detail.

