

Preliminary M.D./M.S. Ayurveda (2012)/(2017) Examination,
Summer - 2023 (Phase - III)

RESEARCH METHODOLOGY AND MEDICAL STATISTICS - I

(Agad tantra)/(Mano vigyana Evum Manas Roga) (Shalya)
(Shalakya) (Panchakarma) (Swasthavritta) (Kayachikitsa)
(Rasayan Evam Vajikaran) (Prasuti Evum Stri roga)
(Kaumarbhritya - Bala Roga) (Rasashastra Evam Bhaishajya
Kalpana) (Roga Nidana Avum Vikriti Vigyana) (Kirya Sharir)
(Dravyaguna Vigyana) (Ayurved Samhita Evam Siddhant) (Rachna
Sharir) (Ayurvedic Pharmaceuticals-Ras Shastra & Bhaishajya
Kalpana) (Shalya - Kshara Karma Avum Anushastra Karma)
(Shalakya Tantra - Netra Roga) (Rasayan - Vajikaran) (Shalya
Tantra - Samanya) (Agadtantra Avum Vidhi Vaidyaka) (Rasa
shastra & Bhaishajya Kalpana) (Swastha Vritta & Yoga)
(Preliminary M.D. Ayurveda (2012) Syllabus is applicable to preliminary M.D.
Ayurveda (2017) Students w.e.f. Winter - 2018 Examination)

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **black** ball point pen only.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
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 - 7) Use a common answer book for all sections.

SECTION - "A" (60 Marks)

1. दिर्घोत्तरी प्रश्न (तीन पैकी कोणतेही दोन) :

[2 × 15 = 30]

Long answer question (any two out of three) :

a) पशु प्रयोगांशी संबंधित नैतिक पैलू वर्णन करुन ऑनिमल एथिक्स कमिटी ची कार्ये लिहा.

State ethical aspects related to animal experimentation & write functions of Animal Ethics Committee.

b) चिकित्सालयीन चाचण्यांचे विविध टप्पे सविस्तर वर्णन करा.

Describe "Phases of Clinical trials" in detail.

c) वैद्यकीय संशोधनात नीतीमत्ता चे महत्व विषद करा. इन्स्टीट्युशनल इथिक्स कमिटी चे सविस्तर वर्णन लिहा.

Describe the importance of Ethics in medical research. Write in detail about Institutional Ethics Committee (IEO).

2. लघुत्तरी प्रश्न (सात पैकी कोणतेही सहा) :

[6 × 5 = 30]

Short answer question (any six out of seven) :

a) कोहोर्ट स्टडीज वर संक्षिप्त टिप्पणी लिहा.

Write short note on Cohort Studies.

b) CDCSO आणि OECD मार्गदर्शक तत्वांवर संक्षिप्त टिप्पणी लिहा.

Write short note on CDCSO & OECD guidelines.

c) बौद्धिक मालमत्ता अधिकार - थोडक्यात वर्णन करा.

Describe in brief about Intellectual Property rights.

d) रेफ्रन्सींग व बीबलीओग्राफी चे विविध प्रकार वर्णन करा.

Write different types of referencing and bibliography.

e) हायपोथेसिस तयार करण्यासंबंधी संक्षिप्त वर्णन लिहा.

Write short note on Formulation of Hypothesis.

f) साहित्यानुसंधान चे संक्षिप्त वर्णन करा.

Describe in brief - Literary research.

g) Bioinformatics चे संक्षिप्त वर्णन लिहा.

Write short note on Bioinformatics

I II

SECTION - "B" (40 Marks)

3. दिर्घोत्तरी प्रश्न (दोन पैकी कोणतेही एक) :

[1 × 15 = 15]

Long answer question (any **one** out of **two**) :

a) प्रश्नावलीचे प्रकार व उपयोग कोणते? प्रश्नावली कशी तयार करतात? सोदाहरण वर्णन करा.

What are types and uses of Questionnaire? How it is designed? Describe with examples.

b) वैद्यकीय उपरुण अनुसंधानासाठी नमुना संख्या कशी निर्धारित करतात?

How sample size for clinical trials is determined?

4. लघुत्तरी प्रश्न (सहा पैकी कोणतेही पाच) :

[5 × 5 = 25]

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

a) मध्यगा

Median

b) प्रमाणिक विचलन

Standard Deviation

c) सहसंबंध

Correlation

d) पाय आकृती

Pie chart

e) संभाव्यतेचा बेरीज नियम

Addition law of Probability

f) तौलनिक संभाव्यता

Odds ratio

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**Preliminary M.D. Ayurveda (Ayurved Samhita And Siddhant)
(2012)/(2017) Examination, Summer - 2023 (Phase - III)**

AYURVED SAMHITA & SIDDHANTA - II

(Preliminary M.D. Ayurveda (2012) Syllabus is applicable to
Preliminary M.D. Ayurveda (2017) students w.e.f. Winter-2018 Examination)

Total Duration : 3 Hours

Total Marks : 100

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SECTION - "A" (50 Marks)

1. दिर्घोत्तरी प्रश्न : [2 × 15 = 30]

Long answer question :

- a) चरकोक्त पदार्थ तंत्रयुक्तिचे वर्णन करुन त्यांच्या पदार्थ क्रमिकत्वाचे सोदाहरण वर्णन स्पष्ट करा.

Explain Padarth Tantrayukti according to Charaka, describe his chronological order of Padartha (Padarthakramiktva) with suitable examples in detail.

- b) इंद्रिय शब्दाची परिभाषा लिहून आजच्या (सद्य) काळातील इंद्रियस्थानाचे महत्व व उपयोगिता सविस्तर सोदाहरण स्पष्ट करा.

Write the definition of Indriya, describe utility and importance of Indriya sthan in present era with suitable examples in detail.

2. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) :

[4 × 5 = 20]

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

- तंत्रगुण
Tantraguna
- श्रृंगग्राहिक न्याय
Shringagrahika Nyaya
- सद्यकालात दिनचर्येचे महत्व
Importance of Dincharya (Life style) in present era.
- वेदनानाशाचे हेतू
Causes (Hetu) of Vedana Nasha.
- पुरुष
Purusha

SECTION - "B" (50 Marks)

3. दीर्घोत्तरी प्रश्न :

[2 × 15 = 30]

Long answer question :

- न्यादर्शनाचे कार्यकारण सिद्धांत वर्णन करा आणि आयुर्वेदात त्याची उपयोगिता सोदाहरण सविस्तर स्पष्ट करा.
Describe Karyakaran Siddhant of 'Nyayadarshan' in detail and write its importance in Ayurveda with suitable examples in detail.
- त्रिस्कन्धमय सूत्राची आयुर्वेदातील व्याप्ती स्पष्ट करा.
Explain the Vyapti of Triskandhamaya sutra in Ayurveda.

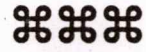
4. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) :

[4 × 5 = 20]

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

- मानस प्रकृतीचे महत्व
Importance of Manas Prakruti
- षोडश विकार
Shodash Vikar

- c) विवर्तवाद
Vivartvada
- d) अभ्युपगम सिद्धांत
Abhyupagam Siddhant
- e) मानसप्रकृति
Manas Prakriti



**Preliminary M.D. Ayurveda (Dravyaguna Vigyana) (2012)/(2017)
Examination, Summer - 2023 (Phase - III)**

DRAVYAGUNA VIGYANA - II

(Preliminary M.D. Ayurveda (2012) Syllabus is applicable to preliminary M.D. Ayurveda (2017)
Students w.e.f. Winter-2018 Examination)

Total Duration : 3 Hours

Total Marks : 100

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SECTION - "A" (50 Marks)

1. दिर्घोत्तरी प्रश्न : [2 × 15 = 30]
Long answer question :
a) रस, गुण, वीर्य, विपक व प्रभाविचे व्यावहारिक उपयोग व महत्त्व लिहा.
Write applied aspect & importance of rasa, guna, veerya, vipak & prabhav.
b) नामरूप विज्ञानाचे महत्त्व लिहा.
Write Importance of Namrupa Vigyana.
2. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) : [4 × 5 = 20]
Short answer question (any **four** out of **five**) :
a) सामान्य विशेष सिद्धांत स्पष्ट करा.
Explain Samanya Vishesh Siddhant.
b) चरकांनी केलेले द्रव्यवर्गिकरण लिहा.
Describe classification of Dravya according to Charakacharya.

- c) भेषज प्रयोग मार्ग
Routs of drug administration.
- d) भावप्रकाशांनी वर्णिलेले औषधी कर्माचे व्यावहारीकत्व स्पष्ट करा.
Applied aspect of Aushadhi Karma according to Bhavprakash.
- e) औषध सेवन काल
Aushadh Seven Kala.

SECTION - "B" (50 Marks)

3. दिर्घोत्तरी प्रश्न :

[2 × 15 = 30]

Long answer question :

- a) द्रव्यगुण विज्ञान विकासक्रम सविस्तर लिहा.
Explain Evolution of Dravyaguna Vigyan in detail.
- b) द्रव्य संग्रहकाल, संग्रहविधी, संरक्षणविधी व देशविचार स्पष्ट करा.
Explain Dravya Sangraha kala, method of collection, Preservation & Deshvichar.

4. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) :

[4 × 5 = 20]

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

- a) अग्न्य औषधी
Agnya Aushadhi
- b) फार्माकोग्नोसी व त्याचे महत्त्व
Pharmacognocny & its importance
- c) फार्माकोव्हीजीलन्स
Pharmacovigilance
- d) गुड कल्टीव्हेशन प्रॅक्टीसेसे
Good Cultivation practices
- e) प्रशस्त भेषज
Prashast Bhesaj



**Preliminary M.S. Ayurveda (Shalya) (2017) Examination,
Summer - 2023 (Phase - III)
FUNDAMENTAL PRINCIPLES & APPLIED ASPECTS OF SHALYA
TANTRA - II**

Total Duration : 3 Hours

Total Marks : 100

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SECTION - "A" (50 Marks)

1. दीर्घोत्तरी प्रश्न : [2 × 15 = 30]

Long answer question :

- a) सुश्रुत संहिते अंतर्गत "व्रणितोपासनीय अध्याय" चे वर्णन करून सद्यकालीन महत्व स्पष्ट करा.
Describe Sushrutokta's "Vranitoupasaniya Adhyaya" with its utility in today's surgical practises.
- b) रक्तस्रावजन्य मुर्च्छा हेतू, प्रकार, लक्षणे, परिक्षण व चिकित्सा वर्णन करा.
Describe haemorrhagic shock causes, types, symptoms, investigations & its management in detail.

2. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) : [4 × 5 = 20]

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

- a) अष्टविध परिक्षाचे सद्यकालीन तुलनात्मक विवेचन करा.
Describe comparative analysis of Ashthavidha Pariksha in today's surgical practises.
- b) शल्यतंत्र विज्ञानाचे संशोधनात्मक व्याप्ती वर्णन करा.
Describe Recent Research scope for Shalyatanta.

- c) सरक्त छर्दीचे व्यवच्छेद निदान वर्णन करा.
Describe differential diagnosis of Hematemesis.
- d) केटामीन
Inj. Ketamine
- e) अमृतजलादी सुचीभरणरस महत्व.
Importance of Intravenous fluid.

SECTION - "B" (50 Marks)

3. दिर्घोत्तरी प्रश्न : [2 × 15 = 30]

Long answer question :

- a) लॅप्रोस्कोपी सर्जरीचे योग्य-अयोग्य व उपद्रव वर्णन करा.
Explain indication, contra-indication & complications of Laparoscopic surgery.
- b) कोथ व्याख्या, प्रकारानुसार लक्षणे, परिक्षण व चिकित्सा वर्णन करा.
Describe definition, types with symptoms, investigation & management of Gangrene.

4. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) : [4 × 5 = 20]

Short answer question (any four out of five) :

- a) परिकर्तीका व्याधी मध्ये नाडीस्वेदन चिकित्सा.
Role of Nadi Swedana in Fissure in Ano.
- b) क्षारजल
Ksharajala
- c) जलौका कार्मुकता
Action of Leech
- d) सीवनद्रव्य व कर्म सिद्धांत
Principles of Suture-Materials & suturing procedures.
- e) सार्वदेहिक रक्तमोक्षण विधि
Describe Generalized Bloodletting procedure.



**Preliminary M.D. Ayurveda (Kaumarbhritya-Bala Roga) (2012)/
(2017) Examination, Summer - 2023 (Phase - III)**

KAUMARBHRITYA-BALA ROGA - II

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(2017) Students w.e.f. Winter - 2018 Examination)

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SECTION - "A" (50 Marks)

1. दिर्घोत्तरी प्रश्न :

[2 × 15 = 30]

Long answer question :

- a) मुलांची मानसिकता (Child psychology) या विषयी आयुर्वेद व आधुनिक शास्त्रदृष्ट्या तत्त्वे वर्णन करून आयुर्वेदाचे योगदान (Child psychology) मधील स्पष्ट करा.

Write the principles regarding child psychology according to Ayurveda and modern aspects with the contribution of Ayurveda in child psychology.

- b) विविध ग्रंथकारानुसार वयोभेद वर्णन करून त्याचे बालरोगातील महत्त्व स्पष्ट करा.

Write about the classification of age (vayobheda) according to different classics with its importance in Balaroga.

2. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) :

[4 × 5 = 20]

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

- अन्न प्राशन संस्कार वैज्ञानिक दृष्टिकोण.
Scientific explanation of Annaprashan samskara.
- सुरक्षित माता एवं शिशु कल्याण कार्यक्रम वर्णन करा.
Describe Reproductive and Child Health (RCH) Programme.
- बाल्यावस्था व प्रौढावस्था मध्ये फरक सांगा.
Explain the difference between Balyavastha (childhood) and praudhavastha (adult).
- बालरोगातील कोणतेही एक नैदानिक परीक्षण सोदाहरण स्पष्ट करा.
Explain one laboratory investigation with example in Balaroga.
- 1 वर्षापर्यंतचा बालकाचा वृद्धी व विकास लिहा.
Write growth and development of child up to 1 year.

SECTION - "B" (50 Marks)

3. दीर्घोत्तरी प्रश्न :

[2 × 15 = 30]

Long answer question :

- व्याधीक्षमत्व एवं वर्धनोपाय तत्त्व आयुर्वेद व आधुनिक शास्त्रानुसार स्पष्ट करा.
Describe about the concept of Vyadhiikshamatva Evam Vardhanopaya (way to increase) according to Ayurveda and Modern science.
- बालरसायनाचे बालकाच्या शारीरिक व मानसिक वाढीतील महत्त्व सोदाहरण स्पष्ट करा.
Explain the concept of Balarasayana and its application in physical and mental health of children with example.

4. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) :

[4 × 5 = 20]

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

- पेडियाट्रिक लॅरीन्गोस्कोप व त्याचे उपयोग
Pediatric Laryngoscope with its use.
- अष्ट मंगल घृत (घटकद्रव्य, मात्रा व उपयोग).
Ashta mangal ghruta (Contents, dose and uses).
- वचा आणि अतिविषेचे बालरोगातील उपयोग लिहा.
Write the uses of Vacha and Ativisha in Balroga.
- बाल आरोग्य कायदा
Regulatory laws related to child health.
- धूपन एवं रक्षाकर्माचे बाल चिकित्सेमध्ये उपयोग लिहा.
Write the use of Dhupana and Raksha karma in pediatric practice.



**Preliminary M.S. Ayurveda (Prasuti Avum Stri Roga) (2012/2017)
Examination, Summer - 2023 (Phase - III)**

PRASUTI AVUM STRI ROGA - II

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 - 7) Use a common answer book for all sections.

SECTION - A (50 Marks)

1. दिर्घोत्तरी प्रश्न : [2 × 15 = 30]

Long answer question :

- a) आर्तवचक्र सविस्तर लिहा.
Write in detail Menstrual cycle.
- b) गर्भाधान विधी सविस्तर लिहा.
Write Garbhadhan Vidhi.

2. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) : [4 × 5 = 20]

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

- a) बीजकोष कार्य
Function of ovary
- b) गर्भवृद्धीकरभाव
Factor for foetal growth

- c) शुक्रद्रुष्टी
Shukradushti
- d) ऋतुमती
Ritumati
- e) लताकरंज
Latakaranj.

SECTION - B (50 Marks)

3. दिर्घोत्तरी प्रश्न :

[2 × 15 = 30]

Long answer question :

- a) गर्भिणीअवस्थेत USG-ची उपयोगीता.
Role of USG in obstetrics Practise.
- b) रजनिवृत्ती सविस्तर वर्णन करा.
Write in detail menopause.

4. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) :

[4 × 5 = 20]

Short answer question (any four out of five) :

- a) अपरासंग
Retain placenta
- b) फलघृत
Falghrut
- c) स्त्रीविशीष्ट पेशी
Muscle in female
- d) गर्भोदक
Amniotic fluid
- e) अपरा कार्य
Function of placenta.



**Preliminary M.D. Ayurveda (Panchkarma) (2012)/(2017)
Examination, Summer - 2023 (Phase - III)
PANCHAKARMA - II**

(Preliminary M.D. Ayurveda (2012) Syllabus is applicable to Preliminary M.D. Ayurveda
(2017) Students w.e.f. Winter - 2018 Examination)

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **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" (50 Marks)

1. दिर्घोत्तरी प्रश्न : [2 × 15 = 30]
Long answer question :
 - a) हृदय रोगाची परिक्षणे सविस्तर लिहून ई.सी.जी. परिक्षणाचे विवेचन करा.
Write Examinations in cardiovascular diseases and write the interpretation of ECG.
 - b) पक्षवध व्याधिचे परिक्षणे लिहून पक्षवधव्याधिची अंतःपरिमार्जन व बहिर्परिमार्जन चिकित्सा वर्णन करा.
Write Examination of Pakshavadh and describe Antah Parimarjana and Bahir parimarjan chikitsa of Pakshavadh.
2. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) : [4 × 5 = 20]
Short answer question (any **four** out of **five**) :
 - a) विश्वाची व्याधिची परिक्षणे लिहा.
Write Examination in Vishvachi.

- b) अभ्यंगाच्या दृष्टीने संधिचे व्यवहारशारीर लिहा.
Write applied Anatomy of joints in view of Abhyangya.
- c) त्वक् विकारातील परिक्षणे लिहा.
Write Examinations in various skin lesions.
- d) षड्विधि उपक्रमाचे पंचकर्मात महत्त्व लिहा.
Write importance of Shadvidh Upakram in Panchakarma.
- e) क्रियाकालाचे शोधनात महत्त्व लिहा.
Write importance of Kriyakal in shodhana.

SECTION - "B" (50 Marks)

3. दीर्घोत्तरी प्रश्न : [2 × 15 = 30]

Long answer question :

- a) आजच्या युगात "मानसिक स्वास्थ्य रक्षणासाठी" आवश्यक उपक्रम उदाहरणासह स्पष्ट करा.
Explain Panchakarma upkrama required for the 'Maintaince of Mental Health' in present scenario with examples.
- b) ससंर्जन क्रमातिल आहार कल्पना स्पष्ट करुन ससंर्जन क्रमाचे महत्त्व वर्णन करा.
Explain the Ahar kalpana in Sansarjana karma and write Importance of Sansarjana Krama.

4. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) : [4 × 5 = 20]

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

- a) शोधन योग्य अयोग्य लिहा.
Write Indication and contraindications for shodhana.
- b) अर्वाचिन काळातील पंचकर्मातील यंत्र व उपकरणे लिहा.
Write equipment and instrument used for Panchakarma in present era.
- c) विरेचनाचे पूर्वकर्म लिहा.
Write Poorvakarma of Virechana.
- d) पर्यावरण अनुकूल पंचकर्म कक्ष लिहा.
Write eco-friendly Panchakarma theatre.
- e) वमनामध्ये त्रिविध कर्मानुसार आवश्यक औषधाचे वर्णन करा.
Write medicines required in Trividh Karma of Vaman.

