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[Total No. of Pages : 2

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**Preliminary M.D. Ayurveda (Rasa Shastra & Bhaishajya Kalpana)
(2012)/(2017) Examination, Summer
(Phase - III : All Other Remaining UG/PG Courses)-2020
RASA SHASTRA AND BHAISHAJYA KALPANA - 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 **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 (50 Marks)

1. दीर्घोत्तरी प्रश्न:

[2 × 15 = 30]

Long answer question :

- a) रसशास्त्र व भैषज्य कल्पनेचे आधारभूत सिद्धान्त वर्णन करा.
Describe fundamental principles of Rasashastra and Bhaishajya Kalpana.
- b) रसशाला निर्माण वर्णन करून गुड मॅन्युफॅक्चरिंग प्रॅक्टीसचे वर्णन करा.
Describe Rasashala nirman with good manufacturing practices.

2. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार) :

[4 × 5 = 20]

Short answer question (any four out of five) :

- a) औषध सेवन काल.
Aoushadha sevan kala.

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- b) शारंगधर संहिता.
Sharangdhar samhita.
- c) अवलेह कल्पना.
Avaleha Kalpana.
- d) सत्वपातन.
Satwapatan.
- e) पारद जारणा.
Parad jarana.

SECTION - B (50 Marks)

3. दीर्घोत्तरी प्रश्न :

[2 × 15 = 30]

Long answer question :

- a) आयुर्वेदिक औषधींचे विषाक्तता परीक्षणाचे वर्णन करा.
Describe toxicity study of Ayurvedic formulations.
- b) औषधी परीक्षणासाठी वापरल्या जाणाऱ्या आधुनिक पद्धतींचे वर्णन करा.
Describe modern analytical methods used in analysis of ayurvedic medicines.

4. लघुत्तरी प्रश्न (पाचपैकी कोणतेही चार):

[4 × 5 = 20]

Short answer question (any four out of five) :

- a) क्रोमॅटोग्राफी.
Chromatography.
- b) आयुर्वेदिक फार्माकोपिया ऑफ इंडिया.
Ayurvedic Pharmacopoeia of India.
- c) क्लिनिकल व्हॅलिडेशन.
Clinical validation.
- d) एस.इ.एम. - इ - डॅक्स अॅनालिसिस.
S.E.M. - E-Dax analysis.
- e) नॅनोटेक्नोलॉजी.
Nanotechnology.



**Preliminary M.D. Ayurveda (Rasa Shastra & Bhaishajya Kalpana)
(2012)/(2017) Examination, (Phase - II) Summer - 2022
RASA SHASTRA & BHAISHAJYA KALPANA - 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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 - 3) **All** questions are **compulsory.**
 - 4) The number to the **right** indicates **full** marks.
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 - 7) Use a common answerbook for **all** sections.

SECTION-A (50 Marks)

1. दीर्घोत्तरी प्रश्न : [2 × 15 = 30]

Long answer question :

a) रसशास्त्राचे आधारभूत सिद्धांत सविस्तर सोदाहरण स्पष्ट करा.

Explain the fundamental principles of Rasashastra with relevant examples.

b) औषध सेवनकाल व औषधी प्रयोग मार्ग (Routes of Drugs Administration) यांचे सविस्तर वर्णन करा. त्यांचे चिकित्सेतील महत्त्व थोडक्यात स्पष्ट करा.

Describe Aushadhi sevan kaal and Routes of Drugs Administration of Ayurvedic drugs. Explain their importance in clinical practice.

**Preliminary M.D. Ayurveda (Rasa Shastra & Bhaishajya Kalpana)
(2012)/(2017) Examination, Winter - 2024 Phase - III**

RASA SHASTRA & BHAISHJYA KALPANA - 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 :**
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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" (50 Marks)

1. दिर्घोत्तरी प्रश्न :

Long answer question :

[2 × 15 = 30]

- a) औषध योग (फॉर्म्युलेशन) मुलभूत सिद्धांत वर्णन करा.
Describe basic principles of Aushada Yoga (Formulations).
- b) जारण-मुच्छर्छना संकल्पना स्पष्ट करा.
Explain concept of Jaran & Murcchhana.

2. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) :

Short answer question (any four out of five) :

[4 × 5 = 20]

- a) रसतरंगिणी
Rasatarangini
- b) रत्न दोष व रत्न प्रकार लिहा.
Explain Ratna dosha & Ratna types.

- c) अर्क कल्पना व प्रकार वर्णन करा.
Explain Arka Kalpana & its types.
- d) क्षार निर्माण विधी व क्षाराचे प्रकार लिहा.
Explain method of Kshar preparation & its types.
- e) लोह दोष (लोह धातु) व लोहाचा शोधन विधी लिहा.
Write Lauha dosh (Iron) and Shodhan vidhi of Loha.

SECTION - "B" (50 Marks)

3. दिर्घोत्तरी प्रश्न :

Long answer question :

[2 × 15 = 30]

- a) क्रोमॅटोग्राफी आणि एच्.पी.टी.एल्.सी वर्णन करा.
Explain Chromatography & HPTLC.
- b) नॅनो टेक्नॉलॉजीचा सिद्धांत वर्णन करून त्याचा औषधनिर्माणाशी असलेला संबंध स्पष्ट करून लिहा.
Describe in detail about concept of Nanotechnology and write its relevance to Aushadha-Niraman.

4. लघुत्तरी प्रश्न (पाच पैकी कोणतेही चार) :

[4 × 5 = 20]

Short answer question (any four out of five) :

- a) आयुर्वेदिक फारमॅकोपिया ऑफ इंडिया.
Ayurvedic Pharmacopeia of India (API).
- b) एक्स.आर्.डी.
X.R.D.
- c) सेम्.ई.डॅक्स
SEM-E-Dax
- d) पारद दोष लक्षणांसहीत वर्णन करा.
Explain Parad dosha with its symptoms.
- e) गॅस क्रोमॅटोग्राफी
Gas Chromatography

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