

[KG 313] MARCH 2002

M.Pharm. DEGREE EXAMINATION.

(Revised Regulations)

First Year

Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours Maximum : 100 marks

Answer ALL Four questions.

All questions carry equal marks.

1. (a) Discuss the different dosage forms used in Ayurveda. (13)
(b) What are the problems involved in the standardization of Ayurvedic medicines. Discuss them. (12)
2. (a) Write an essay on the importance of tribal medicine giving their merits and demerits. (13)
(b) Discuss the legislative requirements required for complimentary medicine. (12)
3. (a) Differentiate between the principles involved in the preparation of Homeopathic and Unani systems of medicine. (13)
(b) Discuss the collection, purification and processing of mineral sources in the complimentary system of medicine. (12)

4. Write notes on : (25)

(a) Animal sources and their use in complimentary medicine

(b) Merits and demerits of Siddha system of medicine

(c) Toxicity studies of different formulations used in complimentary medicine

(d) Problems in standardizing Unani medicine.

[KI 313] APRIL 2003 Sub. Code : 1033

(For candidates admitted from 2001–2002 onwards)

M.Pharm. DEGREE EXAMINATION.

(Revised Regulations)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. (a) What are the different methods of manufacturing Ayurvedic preparations. Illustrate your answer with suitable examples. (13)

(b) Briefly describe the standardisation of

(i) 'Arishta'

(ii) 'Asava'

(iii) 'Churna'. (12)

2. (a) What is 'Sidha' system of medicine? Briefly describe the formulation of Sidha medicines with suitable examples. (13)

(b) What are the important sources of crude drugs which are used in Sidha medicines? (12)

3. (a) What are the stability criteria for Ayurvedic and Siddha drugs? (13)

(b) Homeopathic system of medicine does not produce any side effects – Comment on the statement. (12)

4. Write short notes on : (25)

(a) Standardisation of Homeopathic medicine.

(b) Dosage forms in Unani medicine.

(c) Tribal medicine.

(d) Holistic medicine.

OCTOBER 2003

[KJ 313]

Sub. Code : 1033

(For candidates admitted from 2001-2002 onwards)

M.Pharm. DEGREE EXAMINATION.

(Revised Regulations)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours

Maximum : 100 marks

Answer any FOUR questions.

1. (a) What are the common problems associated with the formulation of Ayurvedic and Sidha system of medicine. (13)
(b) What are the sources of raw materials used in the manufacture of Sidha medicines. What are its chemical nature and uses. (12)
2. (a) What are the 'G.M.P' requirements for the manufacture of Ayurvedic preparation of drugs. (12)
(b) What are the advantages and disadvantages of Sidha and Unani Medicines. (13)
3. What are the advantages and disadvantages of modern technology in the manufacture of Ayurvedic medicines. (25)

4. (a) Compare the concept of Ayurveda with modern and homeopathic system of medicine. (13)
(b) What are the different dosage forms used in Tribal medicine. (12)
5. Write short notes on :
 - (a) Sources of impurities in raw materials. (6)
 - (b) 'Bhasma' – its formulation and standards. (6)
 - (c) Problems in standardization of Homeopathic medicine. (7)
 - (d) 'Mother Tincture'. (6)

APRIL 2004

[KK 313]

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M.Pharm. DEGREE EXAMINATION.

(Revised Regulations)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and
Forty minutes

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

SECTION A

Long Essay :

(2 × 15 = 30)

1. Write in general an essay on the formulation and evaluation of Ayurvedic medicines using minimum three examples.
2. Write in detail about the toxicity study in complementary medicines.

SECTION B

Short notes :

(10 × 5 = 50)

3. Describe briefly "Kayakalpa Chikilza".
4. Vegetables and Cancer.
5. 'Meteria Medica'.
6. Acupuncture.
7. Preservatives in Ayurvedic formulations.
8. Aroma therapy.
9. Role of Mercury and Sulphur in Siddha System of medicine.
10. Daily routines to be followed in Siddha Treatment.
11. Merits and demerits of Unani medicine.
12. Place of yoga in the prevailing human environment.

AUGUST 2004

[KL 313]

Sub. Code : 1033

(For candidates admitted from 2001–2002 onwards)

M.Pharm. DEGREE EXAMINATION.

(Revised Regulations)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours Maximum : 100 marks

Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

SECTION A — (2 × 15 = 30 marks)

Answer ALL questions.

1. Discuss the principles involved in Siddha medicine with their merits and demerits.
2. Differentiate between the principles involved in the Ayurveda and Unani system of medicine.

SECTION B — (10 × 5 = 50 marks)

Write notes on :

3. Legislative requirements for Ayurvedic formulations.
4. Mineral sources used in complimentary medicine.
5. Standardisation of Homeopathic medicines.
6. Toxicity studies used in complementary medicine.
7. Tribal medicine.
8. Dosage forms in Unani medicine.
9. Holistic medicine.
10. 'Mother Tincture'.
11. Standardisation of 'Churna'.
12. Animal sources and their uses in a complimentary medicine.

FEBRUARY 2005

[KM 313]

Sub. Code : 1033

M.Pharm. DEGREE EXAMINATION.

(Revised Regulations)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours

Maximum : 100 marks

**Sec. A & B : Two hours and
forty minutes**

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

Long Essay :

1. Write the principle and different dosage forms of Ayurvedic formulations.
2. Write the standardization techniques of Sidha medicines.

SECTION B — (10 × 5 = 50 marks)

Short notes :

3. Discuss the dilution techniques in Homeopathic medicine.
4. Write the various sources of complimentary medicine.
5. Discuss the standardisation of unani medicine.
6. What is mother tincture and give its method of preparation.
7. What are the different formations in Sidha medicines?
8. Rules and regulations for complementary medicines.
9. Write the principle of Sidha system of medicine.
10. With a suitable example give the standardisation of Homeopathic medicine.
11. Write a brief note on chooram.
12. Write difference between Kashaya and Arishta.

MARCH 2006

[KO 313]

Sub. Code : 1033

M.Pharm. DEGREE EXAMINATION.

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First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Differentiate between the principles involved in the Ayurveda and Unani system of medicine.
2. Toxicity study in complementary medicines—write in detail.

II. Short notes :

(10 × 5 = 50)

1. Acupuncture.
2. Mother Tincture.
3. Place of yoga in the prevailing human environment.
4. Sources of impurities in raw materials.
5. Aroma therapy.
6. Describe 'Kayakalpa Chizilza'.
7. Principles of sidha medicine.
8. Holistic medicine.
9. Legislative requirements for ayurvedic formulations.
10. Tribal medicine.

MARCH 2007

[KQ 339]

Sub. Code : 2875

M.Pharm. DEGREE EXAMINATION.

(Regulations 2006)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
 forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay : (1 × 20 = 20)

1. Compare the principles of Ayurveda, Siddha and Unani systems of Indian medicine. Discuss various method of standardization of Ayurvedic formulations.

II. Long Essay : (2 × 15 = 30)

1. Discuss the Toxicity studies of different formulations used in various complimentary medicines.

2. What are the objectives of GMP? Mention the salient features of GMP under schedule T for Ayurvedic, Siddha and Unani medicines.

III. Short notes : (6 × 5 = 30)

1. Importance of Tribal medicines.

2. Problems in standardization of Unani medicines.

3. Principles with merits and demerits of Homoeopathy system of medicine.

4. Collection, purification and processing of herbal drugs.

5. Different Dosage forms of Siddha system of medicine.

6. Pharmacological screening of drugs used in Indian system of medicine.

SEPTEMBER 2007
[KR 339] Sub. Code : 2875

M.Pharm. DEGREE EXAMINATION.

(Regulation – 2006)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Time : Three hours Maximum : 100 marks

**Theory : Two hours and Theory : 80 marks
forty minutes**

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay :

1. Describe and comment on Pharmacological and Toxicological screening of Drugs used in Indian system of Medicines. (20)
2. Comment upon status and applicability of GMP regulations. (15)
3. Describe the methods used for quality control of herbal drugs. (15)

II. Short notes : (6 × 5 = 30)

1. Objectives of GMP.
2. Merits and demerits of Tribal Medicine.
3. Merits and demerits of Homeopathy system of medicines.
4. Comment upon problems in standardization of unnani medicine.
5. Explain the principles behind Siddha system of medicine.
6. Comment upon problems in standardization of Ayurvedic medicines.

September 2008

[KT 339]

Sub. Code : 2875

M.Pharm. DEGREE EXAMINATION.

(Regulations – 2006)

First Year

Branch VIII — Phytopharmacy and Phytomedicine

Paper IV — INDIAN SYSTEMS OF MEDICINE

Q.P. Code : 262875

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essays : (3 × 20 = 60)

1. (a) Describe the status and applicability of GMP regulations.

(b) Highlight the salient features of GMP under schedule T.

2. (a) Describe the importance of pharmacological and toxicological screening of drugs used in Indian system of medicines.

(b) Add a note on quality control of herbal drugs.

3. (a) Describe the merits and demerits of Tribal medicines.

(b) Add a note on objectives of GMP.

II. Write short notes on : (8 × 5 = 40)

1. Components of GMP.

2. Principles of Homeopathy system of medicine.

3. Method and preparation of Unani medicines.

4. Merits and demerits of Siddha system of medicine.

5. Problems in standardization of homeopathic medicine.

6. Toxicity studies of different formulations used in different complimentary medicines.

7. Describe the rules and regulations to safeguard the complimentary medicines.

8. Highlight the methods of preparation of Ayurvedic medicines.

March 2009

[KU 339]

Sub. Code: 2875

M.PHARM. DEGREE EXAMINATION

(Regulations 2006)

Candidates admitted from 2006-2007 onwards

FIRST YEAR

Branch VIII – PHYTOPHARMACY AND PHYTOMEDICINE

Paper IV – INDIAN SYSTEMS OF MEDICINE

Q.P. Code : 262875

Time : Three hours

Maximum : 100 marks

Answer All questions

I. Essay Questions :

(3 x 20 = 60)

1. Discuss in detail schedule –T with reference to phytomedicine.
2. Explain the problems faced in the standardization of ayurvedic medicines and elaborate on their solutions.
3. Describe the different dosage forms of the siddha system of medicines, their methods of preparations and standardization.

II. Write Short Notes :

(8 x 5 = 40)

1. Merits and demerits of tribal medicine.
2. Regulations to safeguard the complimentary medicines.
3. Principles of Homeopathy system of medicines.
4. Different dosage forms of unani system of medicines.
5. Methods of preparation of siddha dosage forms.
6. Standardization of siddha medicines.
7. Problems faced in the standardization of unani medicine.
8. Different sources of drugs used in complimentary medicines.

September 2009

[KV 339]

Sub. Code: 2875

M.PHARM. DEGREE EXAMINATION

(Regulations 2006)

Candidates admitted from 2006-2007 onwards

FIRST YEAR

Branch VIII – PHYTOPHARMACY AND PHYTOMEDICINE

Paper IV – INDIAN SYSTEMS OF MEDICINE

Q.P. Code : 262875

Time : Three hours

Maximum : 100 marks

Answer All questions

I. Essay Questions :

(3 x 20 = 60)

1. a) Write an essay on tridosha concept of ayurvedic merapeutics.
b) List the variety of dosage forms on ayurveda and discuss the method of preparation of any two dosage forms.
2. a) Discuss the variety of natured products used in siddha. Outline the importance of metals and minerals in siddha formulations.
b) Outline the problems encountered in standardization of siddha medicines.
3. a) What are the objectives of GMP. Discuss the salient features of GMP applicable to ISM drugs.
b) Describe the methods of toxicological screening of drugs used in Indian system of medicine.

II. Write Short Notes :

(8 x 5 = 40)

1. Protocols for standardization of lehyas.
2. Traditional methods of preparation of siddha medicines.
3. Herb minerals in unani medical practice.
4. Principles of treatment in homeopathic medicine.
5. Hurdles to standardization of homeo drugs.
6. Ethno pharmacological recording of tribal medical knowledge.
7. Non pharmacopias parameters of quality control for herbal drugs.
8. Pharmacological screening of drugs of repute in ayurveda and its interpretation.

March 2010

[KW 339]

Sub. Code: 2875

M.PHARM. DEGREE EXAMINATION

(Regulations 2006)

Candidates admitted from 2006-2007 onwards

FIRST YEAR

Branch VIII – PHYTOPHARMACY AND PHYTOMEDICINE

Paper IV – INDIAN SYSTEMS OF MEDICINE

Q.P. Code : 262875

Time : Three hours

Maximum : 100 marks

Answer All questions

I. Essay Questions : (3 x 20 = 60)

1. a) Describe the infrastructural facilities required for the manufacturer and quality control of phytomedicines.
b) Discuss the methods of collection, purification and processing of natural drug sources for use in Indian indigenous medicine.
2. a) Write an essay on problems encountered in standardization of ayurvedic dosage forms.
b) Regulatory requirements guiding the sale and usage of drugs in complementary systems of medicine.
3. a) Write an essay on the need and hurdles to the pharmacological screening of drugs in indigenous medicine.
b) Comments on the traditional methods of preparation of drugs in unani system of medicine.

II. Write Short Notes : (8 x 5 = 40)

1. Branches and specializations in ayurveda.
2. Role of siddha medicine in treatment of chronic ailments.
3. Varieties of dosage forms in unani.
4. Homeopathic mother tinctures.
5. Pitfalls in standardization of homeopathic drugs.
6. Ayurvedic drugs for cardiac ailments.
7. Safety / toxicity of drugs in complementary medicine.
8. Modern methods of manufacture of traditional ayurvedic formulations
