

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May- 2021 (Re-schedule on July-2021)

**Pharmaceutical Jurisprudence and Drug House Management**

Date: 02-08-2021  
Monday

Time: 09:30 A.M. to 12:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Define Law. Describe in detail events leading to the evolution of Drug Laws in India. 10
2. Answer any one out of two questions. 10
  - A Discuss about Constitution of PCI. Give the Functions and Duties of PCI.
  - B Discuss the Different types of Sale Licences issued under D & C Act and Rules.
3. Write short notes on any **Four** of the following : 20
  - A. Pharmacist in relation to his job.
  - B. Write a note on: Prohibited Advertisements.
  - C. Write in brief on Manufacturing of Schedule X Drugs.
  - D. Short note on constitution and Functions of DTAB.
  - E. Write a note on Poison act.
4. Answer any **Five** of the following : 10
  - A. What is a Narcotic Drug.
  - B. Repacking of Drug.
  - C. Magic Remedies.
  - D. What are the rights of a Patentee?
  - E. What are Substandard Drug?
  - F. Write any four duties of a drug Inspector.

**SECTION-B**

5. Explain in detail about modern techniques indulged in Inventory control. 10
6. Answer any one out of two questions. 10
  - A Write in detail about Drug House Management and it's Significance.
  - B Explain about Sales Promotion methods in marketing Pharmaceutical products.
7. Write short notes on any **Four** of the following : 20
  - A. Buying and Selling.
  - B. Record keeping.
  - C. Auxiliary services.
  - D. Write the essential Leadership Qualities of Pharmacist.
  - E. Discuss about the Objectives of Advertising.
8. Answer any **Five** of the following : 10
  - A. What is Management?
  - B. Types of Salesman.
  - C. What is Detailing?
  - D. Basic tools of Product promotion.
  - E. Generic Drugs.
  - F. What are the Primary factors in site location?

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May- 2021 (Re-schedule on July-2021)

**Rasashastra & Bhaishajya Kalpana – II (Ayurvedic Pharmaceutics)**

Date: 26-07-2021  
Monday

Time: 09:30 A.M. to 12:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Describe in detail about *Sneha Kalpana*. 10
2. Answer any one out of two questions. 10
  - A Describe in detail about *Sandhana Kalpana*.
  - B Describe definition, types and *nirmana vidhi* of *Basti Kalpana* in detail.
3. Write short notes on any **Four** of the following : 20
  - A. *Malhara Kalpana*.
  - B. *Amrita Ghrita*.
  - C. *Avaleha paka pariksha vidhi*.
  - D. *Sarjaras Malhar*.
  - E. *Peya Kalpana*.
4. Answer any **Five** of the following : 10
  - A. Define *Yusha*.
  - B. Write dose and indication of *Vasavaleha*.
  - C. Write difference between *Lepa* and *Malhar Kalpana*.
  - D. What is *Katvar*?
  - E. Give Shelf life of *Sneha kalpana*.
  - F. Write indications of *Dashang Lepa*.

**SECTION-B**

5. Describe *Shodhan, marana*, dose and formulation of *Svarna dhatu* in detail. 10
6. Answer any one out of two questions. 10
  - A Describe *Kupipakva Kalpana* in detail.
  - B Give introduction of *Uparatna*.
7. Write short notes on any **Four** of the following : 20
  - A. Write *Shodhana, Marana*, dose and formulations of *Pravala*.
  - B. Write method of *Shankha Shodhana* and *Marana*.
  - C. Write short note on *Kajjali*.
  - D. Describe *Vatsanabh Shodhana*.
  - E. *Rasa Parpati*
8. Answer any **Five** of the following : 10
  - A. Write indications of *Rasa Sindura*.
  - B. Define *Pottali Kalpana*.
  - C. Define *Mardana Sanskar* of *Parada*.
  - D. Write dose and indication of *Muktashukti Pishti*.
  - E. Write dose and formulation of *Kupilu*.
  - F. Write any four formulations of *Loha dhatu*.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May- 2021 (Re-schedule on July-2021)

**Dravyaguna – II (Ayurvedic Pharmacology)**

Date: 27-07-2021  
Tuesday

Time: 02:30 P.M. to 05:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Explain Arjuna in detail. 10
2. Answer any one out of two questions. 10  
A Give detail note on Arka  
OR  
B Give elaborate note on Chitraka
3. Write Latine name, family, habit, habitat and synonyms any **Four** of the following : 20  
A. Shatavari  
B. Karpoor  
C. Lavanga  
D. Mamejak  
E. Vasa
4. Answer any **Five** of the following :(two to three sentences) 10  
A. Synonyms of Bala  
B. Varieties of Marich  
C. Sunthi rasapanchak  
D. Dose and dosage form of Amalaki  
E. Part used and pharmacological use of Hingu  
F. Any two Leguminosea drug with its Latin name

**SECTION-B**

5. Describe Aavartani and Aavartaki 10
6. Answer any one out of two questions. 10  
A Detail about Astavarga  
OR  
B Note on Triphala
7. Write short notes on any **Four** of the following : 20  
A. Chakramarda  
B. Bharangi  
C. Chaturjata  
D. Panchatikta  
E. Changeri
8. Answer any **Five** of the following :(two to three sentences) 10  
A. Samatraya  
B. Panchagavya  
C. Main action and part used of Shatapushpa  
D. Latin name and veerya of Narikela  
E. Any two drugs which roots are used  
F. Trimada

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May- 2021 (Re-schedule on July-2021)

**Dispensing, Community Pharmacy and Hospital Pharmacy**

Date: 29-07-2021  
Thursday

Time: 09:30 A.M. to 12:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Write in detail on posology. 10
2. Answer any one out of Two questions. 10
  - A Write in detail on prescription.
  - B Write in detail on community pharmacy.
3. Write short notes on any **Four** of the following : 20
  - A. Labelling.
  - B. Churna.
  - C. Kwatha.
  - D. Emulsions.
  - E. Role of pharmacist in health care.
4. Answer any **Five** of the following : 10
  - A. Define suppositories.
  - B. Define Asava-Arista
  - C. Define community health care.
  - D. Define stability.
  - E. Define Gutika.
  - F. Define storage.

**SECTION-B**

5. Write in detail on hospital and hospital pharmacy. 10
6. Answer any one out of Two questions. 10
  - A Write in detail on national health programmes.
  - B Write in detail on drug distribution system in IPD.
7. Write short notes on any **Four** of the following : 20
  - A. Processing of tablets.
  - B. Processing of capsules.
  - C. Processing of tinctures.
  - D. Drug information services.
  - E. Sterilization.
8. Answer any **Five** of the following : 10
  - A. Define surgical dressing.
  - B. Define pharmacovigilance.
  - C. Define syrup.
  - D. Define first aid kit.
  - E. Define OPD.
  - F. Define patient counselling.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May- 2021 (Re-schedule on July-2021)

**Fundamentals of Roganidan Evam Chikitsa (Ayurvedic Pathology)**

Date: 30-07-2021  
Friday

Time : 02:30 P.M. to 05:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. What is Sadvidha Kriyakala, explain the Prasara Avastha in detail. 10
2. Answer any one out of two questions. 10
  - A. Concept of Ama and its importance in disease and treatment
  - B. Explain the Trividha Roga-Pariksha in detail
3. Write a short note on any **Four** of the following : 20
  - A. Write the Sama-Nirama Dosha Laxana
  - B. Adhibautika Vyadhi
  - C. Importance of Nidana
  - D. Sthansamsraya Avastha and its importance
  - E. Causes and characteristic of Dosha Vridhdhi
4. Answer any **Five** of the following : (two to three sentences) 10
  - A. Difference between Sankhya and Vidhi Samprapti
  - B. What is Sansargaja Roga, give example ?
  - C. Which factors are responsible for Janapadodhavamsa
  - D. Asthidhatu Vridhdhi laxana
  - E. Enlist the Dasavidha Priksha bhava
  - F. Vata Kshaya laxana

**SECTION-B**

5. Definition of Chikitsa and its classification 10
6. Answer any one out of two questions. 10
  - A. What is Chikitsa Upakrama ? Describe the Saptavidha Vrana upakrama
  - B. Describe the Purvakarma of Panchakarma
7. Write a short note on any **Four** of the following : 20
  - A. Indication and contraindication of Svedana therapy
  - B. Abhyanga and its importance in health
  - C. Write about Nadi Svedana
  - D. Dwividha Upaakrama
  - E. Principles of management of Vatadushti
8. Answer any **Five** of the following : (two to three sentences) 10
  - A. Define Matra Basti
  - B. Define Satvavajaya Chikitsa
  - C. Difference between Marsh and Pratimarsha Nasya
  - D. Types of Srotodushti
  - E. Qualities of Dravya
  - F. Types of Nasya

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year (OLD) Examination : May- 2021 (Re-schedule on July-2021)

**Ayurvediya Aushadha Nirmana Shastra – II**

Date: 26-07-2021  
Monday

Time: 09:30 A.M. to 12:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Define *Sneha Kalpana*. Write the method of preparation, dose, shelf-life, packing, storage and current trend of *Sneha Kalpana*. 10
2. What is *Pathya Kalpana*? State its importance and explain *Manda*, *Peya* and *Vilepi*. 10

**OR**

Define *Lepa Kalpana*. Explain its Types, Rules of application in detail. Write the ingredients of *Dashanga Lepa*.

3. Write a short note on any **Four** of the following : 20
  - A. *Sarjarasa Malahara*
  - B. *Mudvika Avaleha*
  - C. *Pariksha Vidhi* of *Sandhana Kalpana*.
  - D. *Pariksha Vidhi* of *Avaleha Kalpana*.
  - E. *Saptamushtika Yusha*.
4. Answer any **Five** of the following : 10
  - A. Indications of *Gandhakadya Malhara*.
  - B. What is the General Dose and *Anupana* of *Avaleha Kalpana*?
  - C. Write the definition of *Asava*.
  - D. Define *Asthapana Basti*.
  - E. General dose and Shelf-life of *Sandhana Kalpana*.
  - F. Write the ingredients of *Pinda Taila*.

**SECTION-B**

5. Write in detail about *Parpati Kalpana*. 10
6. Describe *Mardana* and *Patana Samskara* of *Parada* in detail. 10

**OR**

Describe *Shodhana*, *Marana*, *Ashtadosha*, dose and any two formulation name of *Tamra dhatu* (Copper)

7. Write a short note on any **Four** of the following : 20
  - A. *Godanti Marana*.
  - B. *Vanga Jarana*
  - C. *Kajjali*
  - D. *Upratna*
  - E. *Kupilu Shodhana*
8. Answer any **Five** of the following : 10
  - A. Dose and formulation name of *Vatsanabha*.
  - B. *Shukti Shodhana*.
  - C. Dose and formulation name of *Pravala*.
  - D. Dose and indication of *Tribhuvan Kirti Rasa*.
  - E. Write the name of any two *Kupipakva Rasayana*.
  - F. Write the ingredients of *Shweta Parpati*.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year (OLD) Examination : May- 2021 (Re-schedule on July-2021)

**Ayurvediya Aushadha Gunadharma Shastra - II**

Date: 27-07-2021  
Tuesday

Time: 02:30 P.M. to 05:30 P.M.  
Marks: 100

Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Define Rasa in detail? Explain its effect on Dosha, Dhatu and Mala. 10
2. What is Vipak? Explain its types in detail. 10  
Or  
Give detail note on Samanyapratyabdha and Vichitrapratyabdha.
3. Write any **Four** of the following : 20
  - A. Laghu Panchamool
  - B. Valli Panchamool
  - C. Deepan
  - D. Virechana
  - E. Madakari
4. Answer any **Five** of the following : 10
  - A. Anuloman
  - B. Angamardaprashman
  - C. Panchagavya
  - D. Pramathi
  - E. Trikarshik
  - F. Vidahi

**SECTION-B**

5. Describe in brief the origin, impurities and properties of Sudhasikta. 10
6. Give detail note on Arka 10  
Or  
Atavarga in detail
7. Answer any **Four** in terms of Latin name, Family, Synonyms and formulation: 20
  - A. Danti
  - B. Gojihva
  - C. Doorva
  - D. Gunja
  - E. Erand
8. Answer any **Five** of the following by giving its Latin name, Family, Part used and habitat. 10
  - A. Varuna
  - B. Sariva
  - C. Hingu
  - D. Kanchanar
  - E. Methika
  - F. Bhallatak

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**Dispensing, Community Pharmacy and Hospital Pharmacy**

Date: 29-07-2021  
Thursday

Time: 09:30 A.M. to 12:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Write in detail on care required in dispensing procedures. 10  
2. Write in detail on dispensing pharmacy. 10

**OR**

Write in detail on posology.

3. Write a short note on any **Four** of the following : 20  
A. Prescription  
B. Difference between Asava and Arishta.  
C. Labelling.  
D. Handling of prescription.  
E. Difference between retail and wholesale pharmacies.
4. Answer any **Five** of the following : 10  
A. Define stability.  
B. Define Gutika.  
C. Define Basti.  
D. Define suppositories.  
E. Define Kwatha.  
F. Define emulsions.

**SECTION-B**

5. Write in detail on drug distribution system in hospital. 10  
6. Write in detail on sterilization equipments and procedures. 10

**OR**

Write in detail on patient counselling.

7. Write a short note on any **Four** of the following : 20  
A. Processing of syrups.  
B. Processing of tablets.  
C. Processing of capsules.  
D. Drug information services.  
E. Community health care.
8. Answer any **Five** of the following : 10  
A. Define drug records.  
B. Define drug reports.  
C. Define hospital.  
D. Define pharmacist.  
E. Define hospital pharmacy.  
F. Define community health education.

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**Fundamentals of Roganidan Evam Chikitsa**

Date: 30-07-2021  
Friday

Time : 02:30 P.M. to 05:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. What is Nidan Panchak ? Describe about Samprapti, its classification and importance. 10
2. Define the word Aama. Explain sama niram dosha-dushya lakshanas and its importance. 10

**OR**

Explain Trividha Rogi Pariksha.

3. Write short notes on any **Four** of the following : 20
  - A. Explain Rupa
  - B. Adhidaivik Vyadhi
  - C. Janapadodwamsa Vyadhi
  - D. Causes and Characteristics of dhatudushti.
  - E. Sthanasamshraya Avastha.
4. Answer any **Five** of the following :(two to three sentences) 10
  - A. What is Sannikrushta nidan ?
  - B. Define the word Anupasaya.
  - C. What is Aupasargik Vyadhi ?
  - D. Enlist types of Srotodushti
  - E. Give the definition of Kriyakaal.
  - F. Write the symptoms of Pittavridhhi and Kshaya.

**SECTION-B**

5. What means by Virechana ? Describe its method and importance. 10
6. What is Chikitsa Upakrama ? Describe Dwividha upakrama in detail. 10

**OR**

Write general principles of management of dosha dhatu and mala dushti.

7. Write short notes on any **Four** of the following : 20
  - A. Chikitsa Chatuspada.
  - B. Matra basti
  - C. Types of Nasya
  - D. Saptavidha Vranopakrama
  - E. Explain about Snehana- rukshana Upakrama.
8. Answer any **Five** of the following :(two to three sentences) 10
  - A. Write the definition of Chikitsa.
  - B. Enlist the drugs used for Abhyantar Snehana.
  - C. Give the definition of Aasthapan Basti.
  - D. How many types of Langhana ?
  - E. Enlist Ashtavidha Shastrakarma.
  - F. What is Satvavajaya Chikitsa ?

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**Pharmaceutical Jurisprudence and Drug House Management**

Date: 02-08-2021  
Monday

Time: 09:30 A.M. to 12:30 P.M.  
Marks: 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Discuss in detail about the Shops and Establishments Act. 10
2. Write in details about Pharmacy Act 1948. 10

**OR**

What is the objective of Drugs and Cosmetics Act? Write a detail note on import of drugs under the act.

3. Write short notes on any **Four** of the following : 20
  - A. What is patent? What are the types of patent? Explain the procedure of getting the patents?
  - B. Give the qualification and duties of drug inspectors.
  - C. Write a short note on: Machineries & Equipments of Ayurvedic Pharmacy.
  - D. Write a short note on: Quality Assurance
  - E. Definition and scope of Pharmaceutical Jurisprudence.
4. Answer any **Five** of the following :(two to three sentences) 10
  - A. Opium derivatives.
  - B. Define advertisement.
  - C. Schedule M drugs.
  - D. What do the schedule 'H' and schedule 'X' mean?
  - E. What are substandard drugs?
  - F. Define AFI?

**SECTION-B**

5. Explain modern techniques involved in inventory control. 10
6. Discuss the importance of planning; nature and types of plan and about the sales forecasting. 10

**OR**

Define co-ordination? Discuss its importance in a business organization. Briefly explain the important characteristics of co-ordination.

7. Write short notes on any **Four** of the following : 20
  - A. Explain principles of management.
  - B. Write a short note on: Record keeping
  - C. Function and Importance of staffing.
  - D. Principles of sales promotion.
  - E. Write short note on: Financial Marketing.
8. Answer any **Five** of the following :(two to three sentences) 10
  - A. What is Inventory Control?
  - B. Define marketing.
  - C. Types of communication.
  - D. Basic tools of product promotion.
  - E. Recruitment.
  - F. Compensation plans.

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