

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (NEW SYLLABUS)

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

Date: 18-04-2016  
Monday

Time: 02:30 P.M. to 5:30 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 Malahara Kalpana. 10
2. Answer any one out of two questions. 10
  - A. Give the definition of Lepa. Describe its types and Nirmana.
  - B. Describe in detail about Basti.
3. Write a short note on any **Four** of the following : 20
  - A. Draksharishta.
  - B. Saptamushti Yusha.
  - C. Amrita Ghrita.
  - D. Mudvika Avaleha.
  - E. Kanji.
4. Answer any **Five** of the following : 10
  - A. Write down dose and use of Dashamula Haritaki Avaleha.
  - B. Give indications of Gandhakadhya Malahara.
  - C. Define Udashvita.
  - D. Write about Sneha Siddhi Lakshana.
  - E. Define Mathita.
  - F. Write down shelf life of Vilepi.

**SECTION-B**

5. Describe any two Samskara of Parada in detail. 10
6. Answer any one out of two questions. 10
  - A. Describe Shodhana, Marana dose and formulations of Vanga Dhatu in detail.
  - B. Describe method of preparation, indications, dose and Anupana of Tamra Parpati.
7. Write a short note on any **Four** of the following : 20
  - A. Shankha Shodhana and Marana.
  - B. Vatsanabha Shodhana.
  - C. Mukta Shukti Pisti.
  - D. Ratna.
  - E. Kajjali.
8. Answer any **Five** of the following : 10
  - A. Write any two formulations of Loha Dhatu with its dose and indications.
  - B. Write the ingredients of Tribhuvana Kirti Rasa with its indications.
  - C. Godanti Shodhana.
  - D. Write the names of any two Kharaliya Rasayana.
  - E. Write the names of any two Kupipakva Rasayana.
  - F. Shukti Shodhana.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (NEW SYLLABUS)

**Dispensing, Community Pharmacy and Hospital Pharmacy**

Date: 21-04-2016  
Thursday

Time: 02:30 P.M. to 5:30 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 an essay on prescription. 10
2. Answer any one out of two questions. 10
  - A. Explain the term posology in detail.
  - B. Write in detail on community pharmacy.
3. Write a short note on any **Four** of the following : 20
  - A. Explain the term Antagonism.
  - B. Clerk's formula.
  - C. What do you mean by the term tolerance ?
  - D. Principles and procedures adopted for dispensing of Kwatha and Churna ?
  - E. Role of Pharmacist in community health care.
4. Answer any **Five** of the following : 10
  - A. Write the label for Taila.
  - B. Write the label for Cream.
  - C. Define Basti.
  - D. Advantages of Vati.
  - E. What do you mean by superscription ?
  - F. Define the term Asava Arishta.

**SECTION-B**

5. Write about drug distribution system in hospital. 10
6. Answer any one out of two questions. 10
  - A. Write the advantages and disadvantages of Tablets.
  - B. Write about processing of Capsules.
7. Write a short note on any **Four** of the following : 20
  - A. Drug information services.
  - B. Functions of hospital.
  - C. Classification of hospital.
  - D. Dry heat sterilization.
  - E. Liquid sterilization.
8. Answer any **Five** of the following : 10
  - A. Define term Tinctures.
  - B. Explain the term unit dosage form.
  - C. Define Syrup.
  - D. Name the gases used for sterilization.
  - E. Give difference between OPD-IPD.
  - F. Mention the name of different dressings.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (NEW SYLLABUS)

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

Date: 22-04-2016  
Friday

Time: 02:30 P.M. to 5:30 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 about Trividha Rogi Pariksha. 10
2. Answer any one out of two questions. 10
  - A. Define Nidana and explain its importance.
  - B. Write in detail about Kriyakala.
3. Write a short note on any **Four** of the following : 20
  - A. Symptoms of Samadosha.
  - B. Adhyatmika Vyadhi.
  - C. Aama.
  - D. Causative factors for Vitiation of Raktavaha and Medovaha Srotasa.
  - E. Adhidaivika Vyadhi.
4. Answer any **Five** of the following : 10
  - A. Define Prakopa.
  - B. Define Vyanjaka Hetu.
  - C. Enumerate Atipravrutti types of Srotodushti.
  - D. Write the synonyms of Vyadhi.
  - E. Write the symptoms of Medodhatu Vruddhi.
  - F. Write name of any four communicable diseases.

**SECTION-B**

5. Write in detail about Swedana Karma. 10
6. Answer any one out of two questions. 10
  - A. Describe the Virechana Yogya-Ayogya.
  - B. Describe the Saptavidha Vranopakrama.
7. Write a short note on any **Four** of the following : 20
  - A. Types of Snehana.
  - B. Chikitsa Chatushpada.
  - C. Virechana Dravyas.
  - D. Importance of Abhyanga.
  - E. Anuvasana and Asthapan Basti.
8. Answer any **Five** of the following : 10
  - A. Define Rasayana.
  - B. Write the importance of Vajikarana.
  - C. Define Nasya.
  - D. Define Matra Basti.
  - E. Define Rakta Mokshana.
  - F. Write the types of Swedana.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (OLD SYLLABUS)

**Ayurvediya Aushadha Gunadharmha Shastra - II**

Date: 19-04-2016  
Tuesday

Time: 02:30 P.M. to 5:30 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 Rasa ? Explain its types and Panchabhautika with its effects on doshas. 10
2. Answer any one out of two questions. 10
  - A. Write the definition of Veerya, its different types and explain the superiority of Veerya.
  - B. Describe the characteristics of Samanya Pratyarabdha and Vichitra Pratyarabdha with examples.
3. Write a short note on any **Four** of the following : 20
  - A. Bruhadpanchmula.
  - B. Panchatikta.
  - C. Kantaka Panchamula.
  - D. Panchavisha.
  - E. Chaturbija.
4. Answer any **Five** of the following : 10
  - A. Anulomana.
  - B. Shonita Sthapana.
  - C. Angamatdprashamana.
  - D. Pachana.
  - E. Swedana.
  - F. Snehana.

**SECTION-B**

5. What are Ratnas ? Describe any one of the Ratnas in terms of origin, types, impurities and properties. 10
6. Write a short note on any **Four** of the following : 10
  - A. Briefly describe the properties and uses of Kasturi and Shankha.
  - B. Briefly describe the properties and uses of Varatika and Sambooka.
7. Write a short note on any **Four** of the following : 20
  - A. Ativisha.
  - B. Manjishtha.
  - C. Dhatura.
  - D. Mustaka.
  - E. Asthishrimkhala.
8. Answer any **Five** of the following in terms of Latin name, part used, formulation and dosage : 10
  - A. Chakramarda.
  - B. Aralu.
  - C. Draksha.
  - D. Doorva.
  - E. Langali.
  - F. Champak.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (OLD SYLLABUS)

**Dispensing, Community Pharmacy and Hospital Pharmacy**

Date: 21-04-2016  
Thursday

Time: 02:30 P.M. to 5:30 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 brief on Dispensing Pharmacy.
  - B. Write the procedure adopted in dispensing of Churnas and Vati.
3. Write a short note on any **Four** of the following : 20
  - A. Prescription.
  - B. Functions of wholesalers.
  - C. Labelling.
  - D. Procedure adopted in dispensing of Asava and Arista.
  - E. Patient Counselling.
4. Answer any **Five** of the following : 10
  - A. What is Community Pharmacy ?
  - B. What is the difference between Asava and Arista ?
  - C. Define Emulsions.
  - D. Define Basti.
  - E. Define Retailers.
  - F. Define Drug Store.

**SECTION-B**

5. Write in detail on Drug Distributions System in hospital. 10
6. Answer any one out of two questions. 10
  - A. Write the functions of Hospital and Hospital Pharmacy.
  - B. Write in brief on Processing of Tablets and Capsules.
7. Write a short note on any **Four** of the following : 20
  - A. Drug Informative Services.
  - B. Sterilization.
  - C. Surgical Dressing?
  - D. Tablets and its various types.
  - E. Tinctures and Syrups.
8. Answer any **Five** of the following : 10
  - A. Define OPD.
  - B. Define the term Capsule.
  - C. Define Drug record.
  - D. Write the advantages of Tablets.
  - E. Write the benefits of Capsules.
  - F. Define Unit Drug Dosage System.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (NEW SYLLABUS)

**Pharmaceutical Jurisprudence and Drug House Management**

Date: 23-04-2016  
Saturday

Time: 02:30 P.M. to 5:30 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 objectives and functions of PCI. 10
2. Answer any one out of two questions. 10
  - A. Write in detail about working of various persons as per Shops and Establishment Act.
  - B. Explain Drug and Magic Remedies Act in detail.
3. Write a short note on any **Four** of the following : 20
  - A. Ayurvedic Pharmacopoeia.
  - B. Quality Assurance.
  - C. An overview of Patent.
  - D. Misbranded drugs.
  - E. Pollution control Area.
4. Answer any **Five** out of six questions : 10
  - A. Schedule M.
  - B. Schedule X.
  - C. Schedule FF.
  - D. Wages.
  - E. Labelling of Drugs.
  - F. Joint State Pharmacy Council.

**SECTION-B.**

5. What is Purchasing ? Discuss various objectives of purchasing. 10
6. Write any **one** out of two questions : 10
  - A. Explain in detail compensation to the salesman.
  - B. Write short note on site selection of drug house.
7. Write a short note on any **Four** of the following : 20
  - A. Market Research.
  - B. Good purchase factor.
  - C. Advertisement.
  - D. ABC analysis.
  - E. Inventory control.
8. Answer any **Five** of six questions : 10
  - A. OTC Product.
  - B. Training.
  - C. Trade.
  - D. Partnership firm.
  - E. Joint Stock Company.
  - F. Finance.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (OLD SYLLABUS)

**Pharmaceutical Jurisprudence and Drug House Management**

Date: 23-04-2016  
Saturday

Time: 02:30 P.M. to 5:30 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 about working of various persons as per Shops and Establishment Act. 10
2. Answer any one out of two questions. 10
  - A. Discuss in detail objectives and functions of PCI.
  - B. Write and explain in detail objectives of Pharmacy Act.
3. Write a short note on any Four of the following : 20
  - A. Pollution control area.
  - B. Ayurvedic pharmacopoeia.
  - C. Schedule -T.
  - D. Quality assurance.
  - E. Patent overview.
4. Answer any Five of the following : 10
  - A. Schedule -X.
  - B. Ayurvedic formulary of India.
  - C. Schedule -M.
  - D. Schedule -E.
  - E. Labelling and packaging.
  - F. Schedule -FF.

**SECTION-B**

5. Discuss in detail about site selection of drug house. 10
6. Answer any one out of two questions. 10
  - A. Discuss various types of inventory and technique of inventory control for drug house management.
  - B. Discuss in brief about advertisement and sales promotion of pharmaceutical marketing.
7. Write a short note on any Four of the following : 20
  - A. ABC analysis.
  - B. Enumerate auxiliary service and discuss it.
  - C. Market research.
  - D. Good purchase factor.
  - E. Objective of purchasing.
8. Answer any Five of the following : 10
  - A. Define Marketing.
  - B. Define training.
  - C. OTC product.
  - D. Sole proprietorship.
  - E. Joint stock company.
  - F. Finance.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (OLD SYLLABUS)

**Ayurvediya Aushadha Nirmana Shastra – II**

Date: 18-04-2016  
Monday

Time: 02:30 P.M. to 5:30 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 Sandhana Kalpana. 10
2. Answer any one out of two questions. 10
  - A. Write about Sapta Mustika Yasha.
  - B. Describe about Draksha Avaleha.
3. Write a short note on any **Four** of the following : 20
  - A. Avaleha Siddhi Lakshana.
  - B. Types of Sneha Paka.
  - C. Types of Basti.
  - D. Dashanga Lepa.
  - E. Amrita Ghrita.
4. Answer any **Five** of the following : 10
  - A. What is the general Sahapana of Avaleha.
  - B. Dose and indications of Dashamula Haritaki Avaleha.
  - C. What is Pathya Kalpana ?
  - D. Write about Pradeha.
  - E. Indications and dose of Vasa Avaleha.
  - F. Write with reference indications and dose of Bala Taila.

**SECTION-B**

5. Write down method of preparation of Rasa Parpati along with its dose and indications. 10
6. Answer any one out of two questions. 10
  - A. Name the types of Dhatu. Describe in detail Loha Dhatu with its Shodhana and Marana procedures.
  - B. What is Kharaliya Rasayana ? Describe the method of preparation, dose and indications of Tribhuvana Kirti Rasa.
7. Write a short note on any **Four** of the following : 20
  - A. Shankha Shodhana and Marana.
  - B. Shodhana of any two Upavisha.
  - C. Shodhana of any two Sudha Varga Dravyas.
  - D. Shodhana, Marana and indications of Suvarna Dhatu.
  - E. Shodhana, Marana, indications and dose of Rajata (Silver).
8. Answer any **Five** of the following : 10
  - A. Give indications, dose, toxicity and formulations of Naga Dhatu.
  - B. Definition of Kupipakwa Rasayana.
  - C. Give any two formulations and dose of Manikya.
  - D. Give any two formulations of Yashada (Zinc).
  - E. Name the Ratna Varga Dravyas.
  - F. Give any two formulations and dose of Shankha.

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GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : April - 2016 (OLD SYLLABUS)

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

Date: 22-04-2016  
Friday

Time: 02:30 P.M. to 5:30 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 the symptoms of increased and decreased Asthi, Meda and Shukra Dhatu. 10
2. Answer any one out of two questions. 10
  - A. Define the word Roga and write its classification.
  - B. Write about Trividha Rogi Pariksha.
3. Write a short note on any **Four** of the following : 20
  - A. Importance of Nidana Panchaka.
  - B. Explain the stage of Sthansanshraya.
  - C. Write causes of Manasa Roga in modern era.
  - D. Describe importance of Ama.
  - E. Describe Purvarupa.
4. Answer any **Five** of the following : 10
  - A. Enumerate the types of Samprapti.
  - B. Enumerate Ashtavidha Rogi Pariksha.
  - C. Write Kapha Vriddhi Lakshana.
  - D. What is Adhi Bhautika Vikara ?
  - E. Give name of any two disease in which Ama is responsible as cause.
  - F. Write synonyms of Nidana.

**SECTION-B**

5. Describe Dwividha Upakrama along with importance of Langhana therapy. 10
6. Answer any one out of two questions. 10
  - A. "Basti plays dominant role in the Panchakarma" – explain it.
  - B. Types of Snehana with their role in health and disease.
7. Write a short note on any **Four** of the following : 20
  - A. Describe any four Shastrakarma.
  - B. Benefits of Rasayana therapy.
  - C. What does meant by word Vimlapana ?
  - D. Write principles for management of Vata Dushti.
  - E. Qualities of Rogi (patient) in Chatuspada.
8. Answer any **Five** of the following : 10
  - A. Enumerate types of Chikitsa.
  - B. Why one should know about Purvarupa.
  - C. Write Chikitsa Sutra of Rasa Dushti.
  - D. Define the word Rasayana.
  - E. Enumerate Shadvidhopakrama.
  - F. Enumerate Pancha Karma.

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