

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (NEW SYLLABUS)

Rasashastra & Bhaishajya Kalpana – II (Ayurvedic Pharmaceutics)

Date: 07-05-2015

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. Describe in detail Sneha Kalpana. 10
2. Answer any one out of two questions. 10
 - A. What is Pathya Kalpana ? Describe Manda, Peya and Vilepi.
 - B. Describe about Asava and Arishta.
3. Write a short note on any **Four** of the following : 20
 - A. Vasa Avaleha.
 - B. Dashanga Lepa.
 - C. Avaleha Paka Pariksha.
 - D. Sarjarasa Malahara.
 - E. Malahara Kalpana.
4. Answer any **Five** of the following : 10
 - A. Write down dose and shelf life of Avaleha Kalpana.
 - B. Give indications of Chyavanprasha Avaleha.
 - C. Define Shelf life period.
 - D. Define Niruhabasti.
 - E. What is meant by Avartana ?
 - F. Define Takra.

SECTION-B

5. Describe Mardana and Patana Samskara of Parada in detail. 10
6. Answer any one out of two questions. 10
 - A. Describe Shodhana, Marana, dose and formulations of Swarna Dhatu in detail.
 - B. Describe method of preparation, indications, dose and Anupana of Rasa Parpati.
7. Write a short note on any **Four** of the following : 20
 - A. Uparatna.
 - B. Kupilu Shodhana.
 - C. Godanti Marana.
 - D. Parpati Pariksha.
 - E. Niyamana Samskara of Parada.
8. Answer any **Five** of the following : 10
 - A. Write any two formulations of Parpati along with its dose and indications.
 - B. Define Pottali Kalpana.
 - C. Dose and formulations of any two Visha Varga Dravyas.
 - D. Dose and formulations of Manikya and Pravala.
 - E. Shankha Marana.
 - F. Name any two Kharaliya Rasayana.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (NEW SYLLABUS)

Dravyaguna – II (Ayurvedic Pharmacology)

Date: 08-05-2015
Friday

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 briefly Ashoka and Tulsi. 10
2. Answer any one out of two questions. 10
 - A. Describe in brief the Botanical name, family, part used, therapeutic indication and Rasa Panchaka of Ativisha and Eranda.
 - B. Describe briefly Madanaphala and Shallaki.
3. Answer any **Four** out of five questions in terms of Botanical name, synonyms, Veerya and therapeutic indication : 20
 - A. Guduchi.
 - B. Haritaki.
 - C. Vidanga.
 - D. Yashtimadhu.
 - E. Kutaja.
4. Answer any **Five** out of Six questions in terms of Botanical name, family, Part used and formulation : 10
 - A. Karkatshringi.
 - B. Shirisha.
 - C. Bala.
 - D. Vasa.
 - E. Haridra.
 - F. Sunthi.

SECTION-B

5. Describe briefly Gunja and Sharpunkha. 10
6. Answer any one out of two questions : 10
 - A. Write the name of ingredients and collective action of Trimada and Dashamoola.
 - B. Describe in brief the Botanical name, family, part used, Veerya and main action of Chakramarda and Bhumyaamalaki.
7. Answer any four out of five questions. 20
 - A. Trikatu.
 - B. Chaturbhadra.
 - C. Madhyama Panchamoola.
 - D. Chaturbeeja.
 - E. Panchagavya.
8. Answer any **Five** out of six questions in terms of Botanical name, Veerya, Part used and main action : 10
 - A. Musali.
 - B. Narikela.
 - C. Shalparni.
 - D. Kushmanda.
 - E. Danti.
 - F. Talispatra.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (NEW SYLLABUS)

Dispensing, Community Pharmacy and Hospital Pharmacy

Date: 09-05-2015
Saturday

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 the role of pharmacist in community health care and education. 10
2. Answer any one out of two questions. 10
 - A. Describe the factors which affected the dose of a medicine.
 - B. Write an essay on community pharmacy and its importance.
3. Write a short note on any **Four** of the following : 20
 - A. Therapeutic incompatibilities.
 - B. The principles and procedures adopted in dispensing of Kwatha and Churna.
 - C. Dispensing pharmacy.
 - D. Labels for Churna and Malhara.
 - E. Functions of Pharmacist.
4. Answer any **Five** of the following : 10
 - A. Define the term suppositories.
 - B. Define the term labelling.
 - C. Define the term Synergism.
 - D. Write the difference between Asava and Arishta.
 - E. Define the term Antagonism.
 - F. Define the term Stability.

SECTION-B

5. Describe the sterilization equipments and procedures in short. 10
6. Answer any one out of two questions. 10
 - A. Write about processing of Capsules and Syrup.
 - B. Write about space requirement for hospital pharmacy.
7. Write a short note on any **Four** of the following : 20
 - A. Surgical dressings.
 - B. Advantages and disadvantages of Capsules.
 - C. Types of Tablets.
 - D. Processing of Syrup.
 - E. Functions of hospital.
8. Answer any **Five** of the following : 10
 - A. Define the word "Pharmacovigilance".
 - B. Define the term first aid.
 - C. What is patient counselling ?
 - D. How many categories of OPD patients ? Describe it.
 - E. Write various size number used for capsules.
 - F. What is tincture ? Define it.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (NEW SYLLABUS)

Fundamentals of Roganidan Evam Chikitsa (Ayurvedic Pathology)

Date: 11-05-2015
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 the importance of Trividha Rogi Pariksha. 10
2. Answer any one out of two questions. 10
 - A. Write symptoms of increased and decreased Vayu, Pitta and Kapha.
 - B. Describe Rakta, Mamsa and Meda Dhatu Dushti Lakshana.
3. Write a short note on any **Four** of the following : 20
 - A. Describe Purvarupa along with its types.
 - B. Sparshagamyaya Bhava (palpatory findings of body).
 - C. Adhidaivika Vikara.
 - D. Importance of Shatkriyakala in Chikitsa.
 - E. Enumerate causative factors for Vitiatioin of Pranavaha and Rasavaha Srotasa.
4. Answer any **Five** of the following : 10
 - A. Define the word "Prakopa".
 - B. Define the word "Rupa".
 - C. Give only two name of Manasa Vikara.
 - D. What is Svabhavika Vyadhi ?
 - E. Write synonyms of Roga.
 - F. Write Rakta Kshaya Lakshana.

SECTION-B

5. Describe Chikitsa Chatushpada with their individual importance. 10
6. Answer any one out of two questions. 10
 - A. Define the word Chikitsa and describe its types.
 - B. Describe Saptavidha Vranopasana in brief.
7. Write a short note on any **Four** of the following : 20
 - A. Define the term Pancha Karma and write its importance in brief.
 - B. Benefits of Nasya Karma.
 - C. Benefits of Abhyanga.
 - D. Principles for management of Pittadushti.
 - E. Basti Karma.
8. Answer any **Five** of the following : 10
 - A. Define the word Yuktivyapashraya Chikitsa.
 - B. Write quality of Paricharaka(nursing staff).
 - C. Enumerate synonyms of Chikitsa .
 - D. Describe Vamana Ayogya.
 - E. Virechana Sadhya Vikara.
 - F. Enumerate types of Sweda.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (NEW SYLLABUS)

Pharmaceutical Jurisprudence and Drug House Management

Date: 12-05-2015
Tuesday

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 objectives and functions of PCI. 10
2. Answer any one out of two questions. 10
 - A. Explain sales and storage of poison under Poison Act.
 - B. Explain Drug and Magic Remedies Act in detail.
3. Write a short note on any **Four** of the following : 20
 - A. An overview on patent.
 - B. Objectives of schedule-T.
 - C. Misbranded drugs.
 - D. Adulterated drugs.
 - E. Pollution control area.
4. Answer any **Five** of the following : 10
 - A. Schedule -F.
 - B. Schedule -E1.
 - C. Schedule -X.
 - D. Labelling of drugs.
 - E. Packaging.
 - F. Wages.

SECTION-B

5. What is marketing ? Explain various approaches to the marketing management. 10
6. Answer any one out of two questions. 10
 - A. Write short note on site selection of drug house.
 - B. Discuss in detail about compensation to the salesman.
7. Write a short note on any **Four** of the following : 20
 - A. Objectives of purchasing.
 - B. Finance availability of drug house.
 - C. Market research.
 - D. Advertisement.
 - E. Inventory control.
8. Answer any **Five** of the following : 10
 - A. Partnership firm.
 - B. Joint stock company.
 - C. Enumerate auxiliary service.
 - D. OTC product.
 - E. Training.
 - F. Purchase.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (OLD SYLLABUS)

Ayurvediya Aushadha Nirmana Shastra – II

Date: 07-05-2015
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. Describe Vasa Avaleha. 10
2. Answer any one out of two questions. 10
 - A. Write about Sarjarasa Malahara.
 - B. Describe about Basti Kalpana.
3. Write a short note on any **Four** of the following : 20
 - A. Pinda Taila.
 - B. Manda.
 - C. Peya.
 - D. Vilepi.
 - E. Krushara.
4. Answer any **Five** of the following : 10
 - A. Describe shelf life of Sneha.
 - B. Dose and indications of Amrita Ghrita.
 - C. Definition of Malahara.
 - D. Anna (Bhakta) Kalpana.
 - E. Dose and indications of Dashamula Haritaki Avaleha.
 - F. Pralepa.

SECTION-B

5. Write names of eight Samskaras of Parada and describe any two in detail. 10
6. Answer any one out of two questions. 10
 - A. Describe in detail Kajjali. Describe method of preparation, indications and dose of Rasa Parpati.
 - B. Describe in detail Rasa Sindura.
7. Write a short note on any **Four** of the following : 20
 - A. General (Samanya) Shodhana of Dhatu.
 - B. Shodhana and Marana of Naga Dhatu.
 - C. Describe the Shodhana and Marana of Manikya.
 - D. Shodhana of Vatsanabha.
 - E. Pravala Pishti.
8. Answer any **Five** of the following : 10
 - A. Name of Ratna Varga Dravyas.
 - B. Name any two formulations of Loha Dhatu.
 - C. Define Parpati.
 - D. Name Upadhatu Varga Dravyas.
 - E. Give indications, dose, toxicity and formulations of Bhallataka Visha.
 - F. Give indications and dose of Sudha Varga Dravyas (any one).

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (OLD SYLLABUS)

Ayurvediya Aushadha Gunadharm Shastra - II

Date: 08-05-2015

Friday

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. What is Rasa ? Explain its types and Panchabhautika with its effects on doshas. 10
2. Answer any one out of two questions. 10
 - A. Describe the characteristics of Samanya Pratyarabdha and Vichitra Pratyarabdha with examples.
 - B. Write the definition of Guna. Explain its types in detail.
3. Write a short note on any **Four** of the following : 20
 - A. Chaturushana.
 - B. Laghu Panchamula.
 - C. Upavisha.
 - D. Amlapanchaka.
 - E. Vallipanchamula.
4. Answer any **Five** of the following : 10
 - A. Difference between Deepana and Pachana.
 - B. Virechana.
 - C. Grahi.
 - D. Stambhana.
 - E. Anulomana.
 - F. Madakari.

SECTION-B

5. Describe in brief the properties and uses of Gorochana and Sukti. 10
6. Write a short note on any **Four** of the following : 10
 - A. What are Maharasa ? Describe any one of the Maharasas in terms of origin, types, impurities and properties.
 - B. Describe in brief the origin, impurities and properties of Sudha Varga.
7. Write a short note on any **Four** of the following : 20
 - A. Gunja.
 - B. Mandookaparni.
 - C. Bhallataka.
 - D. Arka.
 - E. Kanchnar.
8. Answer any **Five** of the following in terms of Latin name, part used, formulation and dosage : 10
 - A. Agnimantha.
 - B. Bakula.
 - C. Vikankata.
 - D. Kapikachchhu.
 - E. Langali.
 - F. Gambhari.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (OLD SYLLABUS)

Dispensing, Community Pharmacy and Hospital Pharmacy

Date: 09-05-2015

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

Saturday

Marks: 100

- Instructions : 1. Every question is compulsory.
2. Draw suitable diagrams wherever necessary.

SECTION-A

1. Discuss posology. 10
2. Describe functions of retailer and wholesaler. 10

OR

Discuss various types of plastic containers used in pharmacy with their advantages and disadvantages.

3. Answer any **Four** of the following : 20
 - A. Physical incompatibilities.
 - B. Various parts of prescription.
 - C. Role of pharmacist in community health care and education.
 - D. Handling of prescription.
 - E. The principle and procedure adopted for dispensing of Bhasma.
4. Answer any **Five** of the following : 10
 - A. Define prescription.
 - B. Define community pharmacy.
 - C. Write Clark's formula.
 - D. What is chemical incompatibility ?
 - E. Write the label for Avaleha.
 - F. Define the term container.

SECTION-B

5. Describe the concept of sterilization. 10
6. Explain various processing methods for syrup. 10

OR

Discuss hospital pharmacy.

7. Answer any **Four** of the following : 20
 - A. Classification of tablets.
 - B. Processing of tincture.
 - C. Drug distribution system in OPD.
 - D. Surgical bandages.
 - E. Drug information services.
8. Answer any **Five** of the following : 10
 - A. Give name of different types of surgical dressings.
 - B. Classification of capsules.
 - C. Classification of hospital in the basis of bed size.
 - D. Define the term tablet.
 - E. Define the term capsule.
 - F. Give the name of sterilization equipment.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (OLD SYLLABUS)

Fundamentals of Roganidan Evam Chikitsa (Ayurvedic Pathology)

Date: 11-05-2015
Monday

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

- Instructions : 1. Every question is compulsory.
2. Draw suitable diagrams wherever necessary.

SECTION-A

1. Write definition, types and importance of Samprapti. 10
 2. Concept of Ama and its importance. 10
- OR**
- What is Srotas ? Describe Srotodushti Prakar in detail.
3. Write short note on any **Four** of the following : 20
 - A. Upashay and Anupashay.
 - B. Prasar Avastha.
 - C. Trividh Rog Pariksha.
 - D. Types of Vayu.
 - E. Causes and characteristics of Pranavahasrotodushti.
 4. Answer any **Five** of the following : 10
 - A. Describe the causative factors of Janapadodhvams Vyadhi in brief.
 - B. What is Sthanasamshray Avastha ?
 - C. Define Aupasargik Rog. Give two examples of it.
 - D. Rasavah Srotas Dushti Lakshan.
 - E. Enumerate Sadvidh Kriyakal.
 - F. Enlist Dashavidh Pariksha.

SECTION-B

5. Write definition of Chikitsa. Describe Sadvidh Chikitsa Upakram in brief. 10
 6. Explain about Vaman procedure. 10
- OR**
- Describe Chikitsa Chatushpad and its importance.
7. Write short note on any **Four** of the following : 20
 - A. Ashtavidh Shastrakarm.
 - B. Pradhaman Nasya.
 - C. Yuktivyapashray Chikitsa.
 - D. Anuvasan Basti.
 - E. Importance of Purvakarm for Panchakarm.
 8. Answer any **Five** of the following : 10
 - A. Define Niruh Basti.
 - B. Definition of Satvavajay Chikitsa.
 - C. Types of Sagni Swed.
 - D. Write the symptoms of Samyak Virechan.
 - E. What is Sneh Pravicharan ?
 - F. Define Pratimarsh Nasya.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

D. Pharm(Ayu.) Final Year Examination : May - 2015 (OLD SYLLABUS)

Pharmaceutical Jurisprudence and Drug House Management

Date: 12-05-2015
Tuesday

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

- Instructions : 1. Every question is compulsory.
2. Draw suitable diagrams wherever necessary.

SECTION-A

1. Explain in detail Schedule – T. 10
2. Explain Ayurvedic Pharmacopoeia of India. 10

OR

Explain provisions regarding Sales & Storage of Poisons.

3. Write short notes on any **Four** of the following : 20
A. Spurious Drugs.
B. Sampling procedure by Drug Inspector.
C. Working conditions as per Shops & Establishment act.
D. Enumerate Function of PCI and explain in very brief.
E. J.S.P.C.
4. Answer any **Five** of the following : 10
A. Schedule – Y
B. Schedule – N
C. Schedule – P
D. Schedule – H
E. Schedule – J
F. Schedule – K

SECTION-B

5. Explain in detail : Auxiliary Services. 10
6. What is training ? State Various types of training to sales persons. 10
- OR**
- What is recruitment ? Discuss the process of recruitment.
7. Write short notes on any **Four** of the following : 20
A. Site Selection.
B. Good Purchase Factors.
C. Purchase Procedures.
D. Selection of Suppliers.
E. Objectives of Purchasing.
8. Answer any **Five** of the following : 10
A. Define Sales Force.
B. Define Sales Quota.
C. Define Cost of Capital.
D. Define Partnership firm
E. Define Business Organisation.
F. Define Training.
