

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

B. Pharm(Ayu.) Final Year Examination : May - 2017 (NEW SYLLABUS)

Forensic Pharmacy and Pharmacy Management

Date: 19-05-2017
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. Give the various schedule in Drugs and Cosmetic Act. 1940 and explain the description of each schedule. 10
2. Explain in detail about Shops, and Establishment Act. 10

OR

Give an account of constitution and functions of State Pharmacy and Joint State Pharmacy Councils.

3. Write short notes on any **Four** of the following : 20
- A. Salient features of Poisons Act.
 - B. Objectionable Advertisements.
 - C. Prevention of Cruelty to Animal Act.
 - D. Drug Technical Advisory Board.
 - E. Magic Remedies.
4. Answer any **Five** of the following :(two to three sentences) 10
- A. Misbranded Drug.
 - B. Bulk Drug.
 - C. Give legal Definitions.
 - D. Patent and Proprietary Medicine.
 - E. Trade Mark.
 - F. Narcotic Drug.

SECTION-B

5. Explain Modern Techniques involved in budget and budgetary controls. 10
6. Write an elaborative note on nature of Managerial Decision in Marketing. 10

OR

Write the various methods of functioning of Advertising ? Discuss in detail about various Medias and Themes of Advertisement.

7. Write short notes on any **Four** of the following : 20
- A. Function and importance of Staffing.
 - B. Explain the importance of Organization in Pharmaceutical Management.
 - C. Difference between Departmental Store and Multiple Store.
 - D. Explain the types of Salesmanship.
 - E. What is production management.
8. Answer any **Five** of the following :(two to three sentences) 10
- A. Detailing.
 - B. Mail Order Business.
 - C. Define Management.
 - D. Functions of Transport.
 - E. What is Patent ?
 - F. What are the Primary Factors in Plant Location ?

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B. Pharm(Ayu.) Final Year Examination : May - 2017 (NEW SYLLABUS)

Rasashastra and Bhaishajya Kalpana – IV (Ayurvedic Pharmaceutics)

Date: 12-05-2017

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

Friday

Marks: 100

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

SECTION-A

1. What is Sandhan ? Describe its types, general method of preparation, packing and storage. 10

2. Describe standardization of Bhasma formulation. 10

OR

What is Basti ? Write about Basti Kalpana.

3. Write short notes on any **Four** of the following : 20

- A. Gandhakadi Malhar.
- B. Gandusha.
- C. Describe an exception of Arista Kalpana.
- D. Lohasava.
- E. State therapies for eye and describe Tarpana.

4. Answer any **Five** of the following :(two to three sentences) 10

- A. Ingredients of Sarjrasa Malhar with the proportion.
- B. Use of Shatdhauta Ghrita and its colour.
- C. Use of Dashanga lepa and Lepaguti.
- D. Ingredients and use of Bilvadi Taila.
- E. Upnaha.
- F. Dhupa.

SECTION-B

5. State the types of Dhatu. Describe Yashada in detail. 10

6. Describe the formulation Svarnabanga in detail. 10

OR

Enlist the Ratna and describe Praval.

7. Write short notes on any **Four** of the following : 20

- A. Punarnavadi Mandura.
- B. Shankhavati.
- C. Enlist Sudhavarga dravyas and describe Godanti.
- D. Svayamagni Loha Bhasma.
- E. Tankan.

8. Answer any **Five** of the following :(two to three sentences) 10

- A. Enlist the Upratna with their English names.
- B. Ingredients and use of Loknath Rasa.
- C. Kshartraya.
- D. Formulations of each of Svarna and Tamra.
- E. Curd test.
- F. Amrutikaraa is done for which bhasmas ?

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B. Pharm(Ayu.) Final Year Examination : May - 2017 (NEW SYLLABUS)

Dravyaguna –III (Ayurvedic Pharmacology)

Date: 13-05-2017
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. Discuss controversial aspects of Pashanabheda. 10
2. Describe storage of drugs and its shelf life. 10

OR

Discuss various impurities, purification technique and toxic effect (with its management) of Chitraka.

3. Write short notes on any **Four** of the following : 20
A. Discuss Dantadardhyakara karma with suitable examples.
B. Why Hingu should be used after purification ?
C. What are the difference between Utsadan and Avasadan ?
D. Give controversial aspects of Shankhapushpi.
E. Discuss Aushadhayogasya Karmukatvam with suitable examples.
4. Answer any **Five** of the following :(two to three sentences) 10
A. Define Shothahara.
B. What do you mean by Nindrajanana ?
C. Write botanical source, family and toxicity of Kupilu.
D. Define Bhanga.
E. What do you mean by Vayasthapan ?
F. Write shelf life of Bhasma and Ghrita preparation.

SECTION-B

5. Write the botanical name, family, any two synonyms, pharmacological actions, part used, dose and formulations of Karanja. 10
6. Give botanical name, family, habitat and habitat, Rasapanchaka and therapeutic uses of Jatiphala and Varuna. 10

OR

Discuss in detail Kshirastaka and Ghritastaka.

7. Write short notes on any **Four** of the following : 20
A. Astangandha.
B. Katuki.
C. Adhyapushpa.
D. Panchasiddhaushadha.
E. Dashangadhupa.
8. Answer any **Five** of the following :(write botanical name, family, virya and single man action) 10
A. Mulaka.
B. Kumkum.
C. Rohitaka.
D. Talmuli.
E. Kampillaka.
F. Gandhabiroja.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

B. Pharm(Ayu.) Final Year Examination : May - 2017 (NEW SYLLABUS)

Pharmacognosy of Ayurvedic Drugs - III

Date: 15-05-2017
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 Fibres. How they are classified ? Discuss cotton fibre in detail. 10
2. Write detail note on factors affecting quality of crude drugs. 10

OR

What is volatile oil ? Discuss occurrence, distribution and classification of volatile oil.

3. Write short notes on any **Four** of the following : 20
 - A. What is Maceration ?
 - B. Ecuelle.
 - C. Discuss umbelliferous fruits in detail.
 - D. Give adulteration of clove.
 - E. Differentiate Abies webbiana and Taxus baccata.
4. Answer any **Five** of the following :(two to three sentences) 10
 - A. Define Allelopathy.
 - B. Write chemical constituents and uses of Svetchandan.
 - C. Give botanical source, family and uses of one natural colourant drug.
 - D. What is Javintri ?
 - E. Define Browning.
 - F. What do you mean by secondary plant metabolites.

SECTION-B

5. What are Resins ? Give a detail account on it. 10
6. Write detail account on Diabetes. What is the role of Ayurved to treat them ? 10

OR

What are Allergens ? Discuss it with suitable examples.

7. Write short notes on any **Four** of the following : 20
 - A. Discuss probiotics and Prebiotics.
 - B. Discuss dietary fibers of nutraceuticals.
 - C. What do you mean by Fungicides and Herbicides ? explain with examples.
 - D. Differentiate Vacha and Ginger rhizome.
 - E. Discuss pharmacological conditions of nutraceuticals.
8. Answer any **Five** of the following :(two to three sentences) 10
 - A. What are fat soluble and,water soluble vitamins ?
 - B. Name any two plants that may cause cancer.
 - C. Give botanical name and family of Alfa-Alfa.
 - D. Write name of any two unorganized drugs.
 - E. Who coined word nutraceuticals ?
 - F. Give botanical source, chemical constituents and uses of Vinca plant.

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

B. Pharm(Ayu.) Final Year Examination : May - 2017 (NEW SYLLABUS)

Pharmaceutical Analysis of Ayurvedic Drugs –III

Date: 16-05-2017
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. Give analytical profile of Ghrita preparation in detail. 10
2. Standardization of raw materials in detail. 10

OR

What is the need of standardization ? How will you standardize Churna preparation? Explain in detail.

3. Write short notes on any **Four** of the following : 20
 - A. Quality control parameters for Vati.
 - B. Ash analysis protocol.
 - C. Differentiate between Q.C. and Q.A. ? What is need of standardization ? Explain.
 - D. What is the role of alcohol content ? Explain in detail its significance.
 - E. Which parameters are required to standardise Avaleha preparation ? Explain their importance.
4. Answer any **Five** of the following :(two to three sentences) 10
 - A. Define – Quality.
 - B. Q.C. according to WHO-GMP.
 - C. B.M.R.
 - D. Monograph.
 - E. Pharmacopoeia.
 - F. Saponification value.

SECTION-B

5. Analytical profile of milk in detail. 10
6. Explain Atomic Absorption spectroscopy in detail. 10

OR

Explain instrumentation of Mass spectorscopy in brief.

7. Write short notes on any **Four** of the following : 20
 - A. Applications of N.M.R.
 - B. Applications of A.A.S.
 - C. Building, location and surroundings according to G.M.P.
 - D. Concept of quality assurance in brief.
 - E. Different types of stores as per G.M.P.
8. Answer any **Five** of the following :(two to three sentences) 10
 - A. I.S.O.
 - B. T.M.S.
 - C. H.C.L.
 - D. Identification test for un-boiled milk.
 - E. Space requirement for capsule section according to G.M.P.
 - F. S.O.P.