

INSTITUTE OF TEACHING AND RESEARCH IN AYURVEDA
[INSTITUTE OF NATIONAL IMPORTANCE]
MINISTRY OF AYUSH, GOVERNMENT OF INDIA

D. PHARM. (AYU.) I YEAR

RASASHASTRA & BHAISHAJYA KALPANA (AYURVEDIC PHARMACEUTICS) I

Question Bank

Section – A

Chapter: Definition of *Bhaishajya Kalpana*

05 Marks:

1. Define the term *Bhaishajya Kalpana* in detail.
2. What is the meaning of *Bhaishajya Kalpana vijnana*? Write in brief.

02 Marks:

1. Give the definition of *Bhaishajya Kalpana*.
2. Explain the term *Bhaishajya*.

Chapter: *Mana paribhasha* (Introduction, measurements given in AFI – I)

10 Marks:

1. What is *Mana*? Give a brief account on it along with its types.
2. Explain *Mana paribhasha* in detail.

02 Marks:

1. 1 *Ratti* = _____ mg/g?
2. 1 *Gunja* = _____ mg/g?
3. 1 *Masha* = _____ mg/g?
4. 1 *Karsha* = _____ mg/g?
5. 1 *Tola* = _____ mg/g?
6. 1 *Pala* = _____ mg/g?
7. 1 *Kudava* = _____ mg/g?
8. 1 *Prastha* = _____ mg/g?
9. 1 *Drona* = _____ mg/g?
10. 1 *Khari* = _____ mg/g?
11. 1 *Tula* = _____ mg/g?
12. 1 *Angula* = _____ inch?
13. 1 *Aratni* = _____ inch?
14. 1 *Hasta* = _____ inch?
15. 1 *Rajahasta* = _____ inch ?
16. 1 *Kala* = _____ time?
17. 1 *Muhurt* = _____ time?
18. 1 *Ahoratra* = _____ time?
19. 1 *Paksha* = _____ time?
20. 1 *Maasa* = _____ time?
21. 1 *Ritu* = _____ time?
22. 1 *Ayan* = _____ time?

23. 1 Yuga = _____ time?

Chapter: Collection, storage and preservation of raw material

10 Marks:

1. Explain Collection, storage and preservation of raw material in brief.

05 Marks:

1. Write about collection methods of raw material.
2. Give brief account on ideal storage conditions of a store house.

Chapter: *Saveeryata avadhi*

05 Marks:

1. Write a short note on the concept of *Saveeryata avadhi*.

02 Marks:

1. Shelf life of *Swarsa kalpana*.
2. Shelf life of *Kalka kalpana*.
3. Shelf life of *Kwatha kalpana*.
4. Shelf life of *Hima kalpana*.
5. Shelf life of *Phanta kalpana*.
6. Shelf life of *Churna kalpana*.
7. Shelf life of *Vati kalpana*.
8. Shelf life of *Guggulu kalpana*.
9. Shelf life of *Lavana kalpana*.
10. Shelf life of *Kshara kalpana*.
11. Shelf life of *Avaleha kalpana*.
12. Shelf life of *Sneha kalpana*.
13. Shelf life of *Asava kalpana*.
14. Shelf life of *Arishta kalpana*.
15. Shelf life of *Bhasma* preparations.

Chapter: *Pancha vidha kashaya kalpana (Introduction, definition, method, dose and use), Kshirpaka, Pramathya and Mantha*

10 Marks:

1. What is *Kashaya Kalpana*? Describe *Swarasa* and *Kalka Kalpana* in detail.
2. Define the word '*Kashaya*'. Give detail about *Kwatha* and *Hima Kalpana*.
3. Enumerate *Pancha Vidha Kashay Kalpana*. Give brief account on *Hima* and *Phanta Kalpana*.

05 Marks:

1. What is the meaning of *Kashaya*?
2. Explain the term *Kashaya* in detail.
3. Write a short note on *Kshirapaka kalpana*.
4. Write a short note on *Pramathya kalpana*.
5. *Arjuna kshirapaka*.
6. *Dashamoola kwatha*.
7. *Dhanyakadi hima*.
8. *Vasa putapaka*.
9. *Mustakadi pramathya*.

02 Marks:

1. Dose of *Swarasa Kalpana*.
2. Dose of *Kwatha Kalpana*.
3. Dose of *Kalka Kalpana*.
4. Dose of *Hima Kalpana*.
5. Dose of *Phanta Kalpana*.
6. Amount of *prakshepa* in *Kwatha Kalpana*.
7. Amount of water in *Hima Kalpana*.
8. Amount of water in *Phanta Kalpana*.
9. General ratio of *Kshirapaka* preparations.
10. Dose of *Kshirapaka preparation*.
11. What is the difference between *Kwatha kalpana* and *Pramathya kalpana*?
12. State uses of *Adraka swarasa* along with its therapeutic dose.
13. Clinical uses of *Tulasi swarasa*.
14. Enumerate therapeutic applications of *Sudarshana phanta*.
15. Which are the synonyms of *Kalka kalpana*?
16. Which are the synonyms of *Kwatha kalpana*?

Chapter: Introduction of *Churna kalpana* (Definition, types, method, dose, packaging, storage and current trends)

10 Marks:

1. Write detail about *Churna Kalpana*.
2. What is *Churna Kalpana*? Explain its general method of preparation, storage and packaging by giving an example of *Sitopaladi Churna*.
3. Define *Churna Kalpana*. Describe it with its types, method of preparation and shelf life with suitable examples.
4. Which is an *Upakalpana* of *Kalka Kalpana*? Give a brief account on it with proper example.
5. Mention contents of *Sitopaladi Churna*. Write detail on *Churna Kalpana*.

05 Marks:

1. Definition of *Churna kalpana*.
2. *Sitopaladi churna*.

02 Marks:

1. Synonyms of *Churna kalpana*.
2. General therapeutic dose of *Churna kalpana*.
3. Shelf life of *Churna kalpana*.
4. Give two examples of *Churna kalpana*.
5. Write down the composition of *Sitopaladi churna*.
6. What is the *sahapana* of *Sitopaladi churna*?
7. What is the dose of *Sitopaladi churna*?

Chapter: *Vati Kalpana* and *Guggulu Kalpana*

10 Marks:

1. Define *Vati Kalpana* in detail.
2. Explain *Vati Kalpana* with an example of *Lavangadi Vati* in detail.
3. Give definition, types, general method of preparation and shelf life of *Vati Kalpana* with suitable examples.
4. Define *Guggulu Kalpana* in detail.

5. Explain *Guggulu Kalpana* with an example of *Triphala guggulu* in detail.
6. Give definition, types, general method of preparation and shelf life of *Guggulu Kalpana* with suitable examples.

05 Marks:

1. *Lavangadi vati*.
2. *Triphala guggulu*.
3. *Guggulu shodhana*.

02 Marks:

1. Shelf life of *Vati kalpana*.
2. Types of *Vati kalpana*.
3. Give Latin name of *Guggulu*.
4. Composition of *Lavangadi vati*.
5. Uses of *Lavangadi vati*.
6. Dose of *Lavangadi vati*.

Chapter: Introduction of *Lavana & Kshara kalpana*. (Method, packing and storage.)

10 Marks:

1. Explain *Kshara kalpana* in detail along with the example of *Apamarga kshara*.

05 Marks:

1. Write brief account on *Lavana kalpana*.
2. What is the method of preparation of *Kshara kalpana*?
3. *Narikela lavana*.
4. *Arka lavana*.
5. *Apamarga kshara*.

02 Marks:

1. Uses of *Narikela lavana*.
2. Uses of *Apamarga kshara*.
3. Examples of *Lavana kalpana*.
4. Examples of *Kshara kalpana*.
5. General dose of *Lavana kalpana*.
6. General dose of *Kshara kalpana*.

Chapter: *Udaka kalpana* (*Tandulodaka*, *Aushadha siddha paniya*, *Ushnodaka*), *Churnodaka*

05 Marks:

1. *Tandulodaka*.
2. *Churnodaka*.

02 Marks:

1. *Udaka kalpana*.
2. *Aushadha siddha paniya*.
3. *Ushnodaka*.

Section – B

Chapter: Definition of *Rasa Shastra*

02 Marks:

1. Define the term *Rasa Shastra*.

Chapter: History of *Nagarjuna*

05 Marks:

1. Write a short note on *Nagarjuna*.

Chapter: Terminologies

05 Marks:

1. Write a short note on *Kajjali*.

02 Marks:

1. Define the term *Bhavana*.
2. Give the definition of *Avapa*.
3. What is the meaning of *Nirvapa*?
4. Write the composition of *Pancha amrita*.
5. Enumerate *Panchagavya*.
6. *Panchamritika*.
7. *Dravaka varga*.
8. *Mitrapanchaka*.

Chapter: Introduction of *Putra* and *Yantra*

10 Marks:

1. Define *Putra* in detail. Give a brief account on *Gaja Putra*, *Maha Putra* and *Varah Putra*.
2. What is *Putra*? Explain its importance in the field of *Rasa Shastra* with suitable examples.
3. Give definition of *Yantra*. Describe *Yantra* in detail by explaining *Dola Yantra* and *patan Yantra*.
4. What is *Yantra*? Give details about any 3 *Yantras*.
5. What is the importance of *Yantra*? Enumerate different *Yantras* which are frequently used in the field of *Rasa Shastra*. Explain any 2 of them.

05 Marks:

1. Write a short note on *Putra*.
2. *Gaja putra*.
3. *Maha putra*.
4. *Dola yantra*.
5. *Damaru yantra*.
6. *Valuka yantra*.
7. *Patana yantra*.

02 Marks:

1. Define *Yantra*.
2. *Swedni yantra*.
3. *Varaha putra*.

Chapter: Classification of *Rasa dravya*

10 Marks:

1. Write down the classification of *Rasa dravyas*.

02 Marks:

1. Enumerate *Maharasa varga*.

2. Enumerate *Uparasa varga*.
3. Enumerate *Sadharanarasa varga*.
4. Enumerate *Dhatu varga*.
5. Enumerate *Upadhatu varga*.
6. Enumerate *Visha varga*.
7. Enumerate *Upavisha varga*.
8. Enumerate *Ratna varga*.
9. Enumerate *Uparatna varga*.
10. Enumerate *Kshara varga*.
11. Enumerate *Lavana varga*.
12. Enumerate *Sudha varga*.
13. Enumerate *Sikta varga*.

Chapter: Introduction of *Shodhana* and *Marana*

10 Marks:

1. What is *Shodhana*? Explain its concept along with different *Shodhana* procedures and examples.

05 Marks:

1. Explain the concept of *Shodhana*.
2. Explain the concept of *Marana*.

02 Marks:

1. What is *Sharava samputa*?
2. Define the term *Swangasheeta*
3. *Sandhi bandhana*.

Chapter: Introduction of *Parada*, *Parada dosha* and its *samanya shodhana*

10 Marks:

1. Which are the types of *Rasa*? Write details about its *dosha* and its *samanya shodhan*.

05 Marks:

1. Write a short note on *Parada dosha*.

02 Marks:

1. Names of *naisargika doshas* of *Parada*.
2. Names of *yaugika doshas* of *Parada*.
3. Names of *aupadhika doshas* of *Parada*.
4. Give English name and chemical formula of *Parada*.
5. What is the melting point and boiling point of *Parada*?

Chapter: Introduction, *shodhana*, *marana*, dose and formulations of *Maharasa* (*Abhrakaa*, *Makshika*, *Shilajit*), *Uparasa* (*Gandhaka*, *Gairika*, *Kasisa*, *Kankshi*, *Haratala*, *Manahshila*) and *Sadharana rasa* (*Kampillaka*, *Hingula*, *Kapardika*, *Navasaras*)

10 Marks:

1. Enumerate *Maharasa*. Give a brief account on *Abhrakaa*.
2. Give the name of group under which *Makshika* is included. Write detail about *Makshika*.
3. What is *Shilajit*? Explain it in detail.
4. Give the names of *Maharasa*. Write in detail about any two of them.
5. Enumerate *Uparasa*. Give a brief account on *Gandhak*.

6. What is *Gairika*? Give a brief account on it.
7. What is *Natbhushana*? Give details of it.
8. What is *Kankshi*? Give a brief account on it.
9. Give the names of *Uparasa*. Write in detail about any two of them.
10. Enumerate *Sadharan rasa varga*. Give a brief account on *Churnaparada*.
11. Give the names of *Sadharan rasa* group. Write detail about *Bal kridanaka* and *Navasara*.
12. Give the names of *Sadharan rasa*. Write in detail about any two of them.

05 Marks:

1. *DhanyAbhrakaa*
2. *Makshika shodhana*
3. *Shilajit shodhana*
4. *Shilajit pariksha*
5. *Gandhaka shodhana*
6. *Rasamanikya*
7. *Kamdudha rasa*
8. *Hingulottha parada*
9. *Kampillak shodhana*
10. *Hartal marana*
11. *Abhraka bhasma*
12. *Kapardika shodhan and marana*

02 Marks:

1. Write English name of *Abhraka*.
2. Types of *Abhraka*.
3. What is *Pinak Abhraka*?
4. English and Latin name of *Shilajatu*.
5. Types of *Shilajatu*.
6. English name and types of *Sasyaka*.
7. Enumerate types of *Gandhak* which are available in market.
8. Give any two synonyms of *Balkridanaka*.
9. Write chemical formula of *Sphatika*.
10. Latin name of *Kampillaka*.
11. *Kapardika shodhana*.
12. *Tuttha drava*.
13. *Haratal shodhana*.
14. Give synonyms of *Manahshila*.
15. Chemical formula and English name of *Hansapada*.
16. Uses of *Gandhaka*.
17. Indications of *Kamadudha rasa*.
18. Dose of *Kamadudha rasa*.
19. *Godanti shodhana*.
20. *Godanti marana*.