

Question Paper

Exam Date & Time: 05-Jul-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Herbal Drug Technology (Theory) [PCO-BP603T-S3]

Marks: 75

Duration: 180 mins.

I Multiple Choice Questions (MCQs)

Answer all the questions.

Section Duration: 30 mins

- 1) The kriya in Ayurveda refers to the process of preparation of Asavas is (1)
- [Skandana](#)
[Sandhana](#)
[Saravana](#)
[Saravana](#)
- 2) The definition of Nutraceuticals was coined by (1)
- [Stephen A. Defelice](#)
[Stephen B. Defelice](#)
[Stephen L. Defelice](#)
[Stephen D. Defelice](#)
- 3) Pirale is "NOT" found in (1)
- [UK](#)
[South Africa](#)
[Australia](#)
[Nepal](#)
- 4) Kava with Carbamazepine increases the risk of damage of (1)
- [Kidney](#)
[Brain](#)
[Lungs](#)
[Liver](#)
- 5) Ephedra is used in the treatment of (1)
- [Ashma](#)
[Diabetes](#)
[Convulsion](#)
[Insomnia](#)
- 6) Yogurt is an example for (1)
- [Prebiotics](#)
[Probiotics](#)
[Vitamins](#)

[Hormones](#)

- 7) Nagarjuna Herbal Concentrates is located in which of the following state? (1)
- [Karnataka](#)
[Maharashtra](#)
[Punjab](#)
[Kerala](#)
- 8) Lala-Dawasaz Private Ltd. produce the product for diabetes is (1)
- [Ciplar](#)
[Sofsen](#)
[Diabetica](#)
[Koflet](#)
- 9) CDRI is located in (1)
- [Trivandrum](#)
[Lakhimpur](#)
[Ludhiana](#)
[Lucknow](#)
- 10) NBRI is involved to work on what type of materials? (1)
- [Animal](#)
[Mieral](#)
[Plant](#)
[None of these](#)
- 11) Moisture content of a crude drug is considered as which parameter? (1)
- [Botanical](#)
[Pharmacological](#)
[Toxicological](#)
[Physico-chemical](#)
- 12) Which of the following is a patentable natural product? (1)
- [Plants growing wild](#)
[Natural molecule](#)
[Plants adopted for cultivation](#)
[A novel isolation process of natural products](#)
- 13) Name of the cells that are responsible for the colour of the skin (1)
- [Keratinocytes](#)
[Langerhans cells](#)
[Melanocytes](#)
[Merkel cells](#)
- 14) Which glands are considered as the bodies built-in automatic lubrication system? (1)
- [Sweat glands](#)
[Sebaceous glands](#)
[Eccrine glands](#)
[Apocrine glands](#)
- 15) Which of the following statement is TRUE for Excipients? (1)

- [Aid in processing of drug delivery system during its manufacture](#)
[Protect, support and enhance stability, bioavailability or patient acceptability](#)
[Assist in product identification](#)
[All of the above](#)
- 16) Following is a challenge in Herbal Formulation (1)
- [Good acceptability by consumer](#)
[Various type of dosage forms available](#)
[Safer than conventional drugs](#)
[Conduction of clinical trial](#)
- 17) Bixin imparts which of the following color? (1)
- [Yellow](#)
[Redpurple](#)
[Orange](#)
[Green](#)
- 18) Thaumatin is a (1)
- [Diluent](#)
[Binder](#)
[Sweetner](#)
[Viscosity builder](#)
- 19) Distribution record should be maintained for (1)
- [Prompt and complete recall of the batch](#)
[Know manufacturing defects](#)
[Pharmacovigilance purpose](#)
[Quality control purpose](#)
- 20) Schedule -T of ASU drugs refers to (1)
- [Good agricultural practice](#)
[Good clinical practice](#)
[Good manufacturing practice](#)
[Good laboratory practice](#)

II Long Answers

Answer all the questions.

- 1) Give a detailed account of selection, identification and processing of herbs into herbal preparations and dosage forms. (10)
- 2) Explain in detail the determination of Bitterness value and Ash values of crude drugs as per the WHO guidelines. (10)

III Short Answers

Answer all the questions.

- 1) Briefly discuss the basic principles involved in Unani system of medicine. (5)
- 2) Give the source, constituents, uses and interactions of Hypericum. (5)
- 3) Enumerate the herbal industries involved in the manufacture of herbal drugs in India. (5)
- 4) Define cosmetics and with the help of neat diagram explain the epidermis of skin. (5)

- 5) Explain ASU-DTAB and ASU-DCC committee and their role described in chapter IVA. (5)
- 6) Give the significance of disintegration and dissolution tests for Tablets. (5)
- 7) What is Schedule-T of ASU drugs and give its basic principles. Add a note on Water supply and Disposable of waste. (5)

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