

Note: This question paper contains three section in all, Section A, B and C. In Section A, all questions are compulsory. From Section B, attempt any two questions and from Section C attempt any seven questions.

SECTION-A

All questions are compulsory, answer in short. (20×1=20)

1. Choose and write the correct option(s) in the following MCQs
 - a) Organic farming is that method of agriculture production which avoids the use of synthetic
 - i. Pesticides
 - ii. Fertilizers
 - iii. Growth regulators
 - iv. All of the above
 - b) Which of the following is the objective of GAP?
 - i. Supply of good quality raw material
 - ii. Support conservation of medicinal plants
 - iii. To improve safety, quality and efficacy of finished product
 - iv. All of the above
 - c) Gum acacia are generally dried by
 - i. Sun drying
 - ii. Tray dryer
 - iii. Vacuum dryer
 - iv. Spray dryer
 - d) Factor to be considered at the time of collection of Crude drug
 - i. Age of the plant
 - ii. Climatic condition
 - iii. Season
 - iv. All of the above

- e) Drugs which are highly sensitive to temperature and environmental condition are generally dried by
 - i. Tray dryer
 - ii. Vacuum Dryer
 - iii. Spray dryer
 - iv. All of the above
- f) Important factor to be considered during packing of crude drug
 - i. Morphological and chemical nature of drug
 - ii. Climatic condition
 - iii. Transportation
 - iv. All of the above
- g) Which of the following drug is effected by sunlight?
 - i. Asafoetida
 - ii. Cod liver oil
 - iii. Colophony
 - iv. Aloe
- h) Ayurveda is Based on the Principle of
 - i. Panchamahabhuta
 - ii. Tridosha
 - iii. Panchsheel
 - iv. All of the above
- i) Ayurveda is considered as Upaveda part of
 - i. Rigveda
 - ii. Shamveda
 - iii. Yajurveda
 - iv. Atharveda
- j) Siddha system is extensively practiced in which part of India?
 - i. Eastern parts
 - ii. Western parts
 - iii. Northern parts
 - iv. Southern parts
- k) Father of Siddha medicine
 - i. Hippocrates
 - ii. Aristotle
 - iii. Agasthya
 - iv. Hanemann

- l) Homeopathic system is based on the Principle of
- Law of Similia
 - Individualization
 - Law of Minimum doses
 - All of the above
- m) Law of Proving is principle of which system?
- Ayurveda
 - Siddha system
 - Homeopathy
 - Unani System
- n) Which of the following is sensisolid Ayurvedic Preparation?
- Avaleha
 - Arishta
 - Taila
 - Gutika
- o) Which Vitamin containing fruits and vegetables should be avoided while taking anticoagulant drugs?
- Vitamin-A
 - Vitamin-D
 - Vitamin-C
 - Vitamin-K
- p) What is the other name of **Hypericum perforatum**?
- St. John's Wort
 - Maiden Hair tree
 - Kava
 - None
- q) Ephedra is used for the management of
- Asthma
 - Allergy
 - Hay fever
 - All of the above
- r) Biological source of Black pepper
- Piper longum
 - Piper nigrum
 - Piper notatum
 - Piper paltatum
- s) Synonyms of Ashwagandha
- Indian ginseng
 - Calabar beans
 - Chinese ginseng
 - None of the above
- t) Ma-Huang is the synonym of
- Ephedra
 - Pepper
 - Ginseng
 - Ginkgo

SECTION-B

Attempt any 2 Long questions.

(2×10=20)

- What are the different types of drug interactions? Explain mechanisms of drug interactions and write the possible side effect and Interaction of Hypericum, Kava-kava and Ginkgo biloba.
- What are Aristas and Asavas? Explain the method of preparation and standardization of Aristas and Asavas.
- Explain the Guidelines of Good Agriculture Practices (GAP) in Cultivation of medicinal plants.

SECTION-C

Attempt any 7 short note questions.

(7×5=35)

- Write short note on Organic farming and list out the advantages.
- Briefly explain the natural method for Pest management in medicinal plants.
- Discuss the method of selection and identification of herbal raw material.
- Explain briefly the principle of Siddha system of medicine.
- Briefly explain the seven principles of Homeopathic system of medicine.
- Briefly explain the Preparation and Standardization of Ghutika.
- Briefly explain herb-drug and herb-food interactions with examples.
- Write short note on Prebiotic/Probiotics and Dietary fibers.
- Define nutraceuticals. Briefly explain Polyunsaturated fatty acid (PUFA) and Antioxidants.