



- (ix) Churna is expressed as  
 a) Fine powder of crude drugs  
 b) Fine paste of crude drugs  
 c) Coarse powder of crude drugs  
 d) None
- (x) Unani system generated from  
 a) India  
 b) Persia  
 c) Greece  
 d) Siam
- (xi) Phytosterol are useful in  
 a) Lowers LDL level  
 b) improves serum lipid profile  
 c) Inhibit absorption of cholesterol  
 d) All of these
- (xii) Natural Gum is used to develop  
 a) Gelling property  
 b) Emulsifying property  
 c) Thickening property  
 d) All
- (xiii) In skin care cosmetics, coconut oil can be used as  
 a) Toner  
 b) cleansing agent  
 c) moisturizing agent  
 d) All of these
- (xiv) Undesired plants in the field are known as  
 a) Pest  
 b) Weed  
 c) Cover Crops  
 d) Buffer
- (xv) Removing dirt, sand, vegetative debris, foreign organic matter and other parts during primary processing of herbal raw material is known as  
 a) Garbling  
 b) Leaching  
 c) Blanching  
 d) Sectioning
- (xvi) Which of the following is not a natural Pesticide  
 a) Derris  
 b) Sabadilla  
 c) Pyrethrum  
 d) Dieldrin
- (xvii) Homeopathic system is associated with the Principle of  
 a) Law of Similia  
 b) Individualization  
 c) Law of Minimum doses  
 d) All
- (xviii) Associate which of the following is semisolid Ayurvedic Preparation  
 a) Avaleha  
 b) Arishta  
 c) Taila  
 d) Gutika
- (xix) Taking Caffeine with Panax ginseng may cause  
 a) Increase heart rate  
 b) Increased BP  
 c) Decreased BP  
 d) Both A and B
- (xx) Which steroidal saponin was present in fenugreek  
 a) Trigonelline  
 b) Gentiamine  
 c) Genstein  
 d) Diosgenin

### Group-B

(Short Answer Type Questions)

5 x 7=35

2. Explain the standardization of Arista. (5)
3. Define Nutraceuticals. Discuss on the present market scenario and scope of nutraceuticals. (5)
4. Explain the basic principles of Siddha and Unani. (5)
5. Write a note on herbal-drug and herb-food interactions with examples. (5)
6. List a detailed account on Garlic and Spirulina as a nutraceutical. (5)
7. Explain Schedule Z of Drugs & Cosmetics act for ASU drugs. (5)

OR

- Illustrate the ICH guidelines for assessment of herbal drugs. (5)
8. Explain the regulation of manufacture of ASU drugs in India. (5)

OR

- Explain the WHO guidelines for the assessment of herbal drugs. (5)

**Group-C**  
(Long Answer Type Questions)

10 x 2=20

9. Explain different Bio pest management (biopesticide) methods used in cultivation of medicinal plants. (10)
10. Evaluate the process of stability testing of herbal drugs and its challenges (10)
- OR**
- Illustrate Schedule Z. (10)

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