

x) Most popular Indian herbal industry Dabur was established in....

- a) 1920 b) 1884 c) 1832 d) 1882

xi) As per ICH guidelines sub section Q1B deals with...

- a) Stability testing of new dosage form b) Stability data evaluation
c) Photo stability testing d) Stability testing of new drug

xii) Churna is the formulation of the category

- a) Shampoo b) Powder mixture c) Tablet d) Cream

xiii) In the case study of Neem, patent was claimed for activity.

- a) Antiseptic b) Antiviral c) Antiulcer d) Fungicidal

xiv) Regulation in production of ASU drugs is done by

- a) Schedule Z b) Schedule P c) Schedule O d) Schedule N

Xv) Alcohol content of Asava/Arishta is in the range of.....

- A) 8-12 % v/v B) 20-25 % v/v C) 15-20 % v/v D) 4-7 % v/v

xvi) Hypericin is the chemical constituent of

- a) Ashwagandha b) St.John's wort c) Ephedra d) Ginseng

xvii) Dr. Samuel Hahnemann did the experiments on his own healthy body with the drug.....

- a) Rauwolfia b) Fenugreek c) Cinchona d) Ginseng

xviii) Azadirachtin is one of the potent components of

- a) Neem b) Turmeric c) Tulsi d) Kava-kava

xix) Full form of ICH.

- a) Indian Council for Harmonisation b) International Council for Harmonisation
c) International Course for Harmonisation d) Indian Course for Harmonisation

xx).is NOT an Ayurvedic formulation.

- a) Bhasma b) Gutika c) Syrup d) Lehya

Q. 2. Long Answers = 2 x 10 = 20 (Answer 2 out of 3)

- i) Explain Asava and Arishta with its method of preparation and standardization parameters.
ii) Discuss the Part-I components of GMP (Schedule T) for ASU drugs.
iii) Highlight the role of Nutraceuticals in Diabetes. Mention the significance of Amla and Ashwagandha as health food.

Q. 3. Short Answers = 7 x 5 = 35 (Answer 7 out of 9)

- i) Illustrate different Good Agricultural practices in cultivation of medicinal plants.
ii) Write a brief note on herbs used in skin care herbal cosmetics.

- iii) Investigate the possible side effects and interactions of the drug Hypercium and Ginseng.
- iv) Explain the Phytosomes as Novel dosage forms.
- v) Brief the term Biopiracy. Elucidate patent case study of Curcuma.
- vi) Describe the composition and functions of ASU DTAB.
- vii) Recognize the present scope and future prospects of Herbal drug industry in India.
- viii) Write a note on Herbs as significant natural excipients.
- ix) Mention the basic principles involved in Ayurvedic system of medicine.