



BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – B.Pharm-2020

Course Name – Herbal Drug Technology – Theory

Course Code - BP603T

(Semester VI)

Full Marks : 75

Time : 3:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 20=20

1. Choose the correct alternative from the following :

- (i) Homeopathy system of medicines is based on the principle of
- | | |
|-------------------------|-----------------|
| a) Law of similar | b) Minimum dose |
| c) Totality of symptoms | d) All |
- (ii) Determine which of the following is not an example of organized drug?
- | | |
|-----------|----------|
| a) Leaves | b) Gums |
| c) Barks | d) Seeds |
- (iii) Name which of the following is not the exogenous factor affecting the cultivation of medicinal plant?
- | | |
|----------------|---------------|
| a) Fertilizer | b) Altitude |
| c) Temperature | d) Polyploidy |
- (iv) Which of the following is not a physical mode for evaluation of crude drug
- | | |
|--------------|---------------------|
| a) Ash Value | b) Rf value |
| c) HPLC | d) Moisture content |
- (v) Powdered formulation in Ayurveda is known as
- | | |
|-----------|-----------|
| a) Churna | b) Leyham |
| c) Asava | d) Arista |
- (vi) Name which drug has effects in digestive conditions
- | | |
|-----------------|------------|
| a) Ginger | b) Ginseng |
| c) Safed Musali | d) None |
- (vii) The topics included in the ICH studies
- | | |
|--------------|-------------|
| a) Quality | b) Efficacy |
| c) Stability | d) All |
- (viii) Name the following used as hair care product
- | | |
|-----------|------------|
| a) Pepper | b) Ephedra |
| c) Amla | d) None |
- (ix) Churna is expressed as

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