



## 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

- 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		
(x)	a) Fine powder of crude drugs     c) Coarse powder of crude drugs     Unani system generated from	b) Fine paste of crude drugs d) None	
(xi)	a) India c) Greece Phytosterol are useful in	b) Persia d) Siam	
(xii	a) Lowers LDL level     c) Inhibit absorption of cholesterol     Natural Gum is used to develop	b) improves serum lipid profile d) All of these	
(xii	a) Gelling property     c) Thickening propety     i) In skin care cosmetics, coconut oil can be used	b) Emulsifying prperty d) All as	
(xiv	a) Toner c) moisturizing agent d) Undesired plants in the field are known as	b) cleansing agent d) All of these	
(xv	a) Pest     c) Cover Crops     Removing dirt, sand, vegetative debris, foreign primary processing of herbal raw material is kn		
(xv	a) Garbling     c) Blanching     i) Which of the following is not a natural Pesticid	b) Leaching d) Sectioning e	
(xv	a) Derris     c) Pyrethrum  ii) Homepathic system is associated with the Prin	b) Sabadilla d) Dieldrin ciple of	
xvi	a) Law of Similia     c) Law of Minimum doses     ii) Associte which of the following is semisolid Ay	b) Individualizaion d) All urvedic Preparation	
(xi	<ul><li>a) Avaleha</li><li>c) Taila</li><li>x) Taking Caffeine with Panax ginseng may cause</li></ul>	b) Arishta d) Gutika	
. *	a) Increase heart rate c) Decreased BP k) Which steroidal sapogenin was present in fent	b) Increased BP d) Both A and B igreek	
	a) Trigonelline c) Genstein	b) Gentiamine d) Diosgenin	
	Grou (Short Answer T		5 x 7=35
3.   4.   5.   6.	Explain the standardization of Arista.  Define Nutraceuticals. Discuss on the present ma  Explain the basic principles of Siddha and Unani.  Write a note on herbal-drug and herb-food intera  List a detailed account on Garlic and Spirulina as a  Explain Schedule Z of Drugs & Cosmetics act for A	ctions with examples. a nutraceutical. SU drugs.	(5) (5) (5) (5) (5)
8.	Illustrate the ICH guidelines for assessment of he Explain the regulation of manufacture of ASU dru O	bal drugs. gs in India.	(5) (5)
	Explain the WHO guidelines for the assessment o	6/1	(5)

Group-C (Long Answer Type Questions)	10 x 2=20
Explain different Bio pest management (biopesticide) methods used in cultivation of medicinal plants.  D. Evaluate the process of stability testing of herbal drugs and its challenges	on of (10)
	(10)
Illustrate Schedule Z.	(10)
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