

01/01/24

Seat Number

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DAGDU-38

BP-603-T

Herbal Drug Technology

(736603)

Total Pages : 6]

Time : 3 Hours

Max. Marks : 75

Note : (1) Do not write anything on question paper except Seat No.

(2) While writing the answer use black ball pen only.

(3) Figures to the right indicate full marks.

(4) Students should note, no supplement will be provided.

1. Solve all MCQs :

20

(i) Processing of herbal raw materials includes :

(a) Primary processing

(b) Drawing

(c) Specific processing

(d) All the above

(ii) Herbal drug preparation is prepared by :

(a) Infusion

(b) Decoction

(c) Maceration

(d) All the above

(iii) The study of use of medicinal plants is known :

(a) Herbarium

(b) Herbalism

(c) Pharmacognosy

(d) None of the above

P.T.O.

- 45-110710
- (iv) Organic farming means :
- (a) Not to use pesticides
 - (b) Use of organic fertilizers
 - (c) To optimize productivity
 - (d) All the above
- (v) Pheromones are examples of :
- (a) Biochemical attractants
 - (b) Microbial Pesticides
 - (c) PIP
 - (d) None of the above
- (vi) Ayurvedic literature which aimed on surgery is :
- (a) Ayurveda
 - (b) Charaka Samhita
 - (c) Sushruta Samhita
 - (d) All the above
- (vii) Powder made by calcination is called as :
- (a) Churna
 - (b) Bhasma
 - (c) Pak
 - (d) Ghrita
- (viii) Arishta is :
- (a) Fermented decoction
 - (b) Fermented infusion
 - (c) Decoction
 - (d) Herbal Mineral medicine

- (ix) Phytosterols are used in :
- (a) Lower LD2 levels
 - (b) Improve serum lipid profile
 - (c) Inhibit absorption of cholesterol
 - (d) All the above
- (x) Spirulina is another name of :
- (a) Bacteria
 - (b) Fungi
 - (c) Alkaloid
 - (d) Cyanobacterium
- (xi) Omega 3 fatty acid is useful as :
- (a) Lower inflammation
 - (b) Cause vasodilation
 - (c) Lower platelet aggregation
 - (d) All the above
- (xii) Alpha-alpha useful as :
- (a) Prevent cancer
 - (b) Helps in digestion
 - (c) Reduce weight
 - (d) None of the above
- (xiii) Another name for fenugreek is :
- (a) Methi
 - (b) Garlic
 - (c) Saffron
 - (d) Home weed

(xiv) Ephedra interacts with :

- (a) Warfarin
- (b) Caffeine
- (c) Aspirin
- (d) Antidepressant

(xv) Ginseng should be avoided in :

- (a) Diabetes
- (b) Cancer
- (c) Upcoming surgery
- (d) All the above

(xi) is commonly used in the treatment of dandruff.

- (a) Amla
- (b) Neem
- (c) Brahmi
- (d) Coconut

(xii) Excipients are :

- (a) Active ingredients
- (b) Non-active
- (c) Mixtures
- (d) Highly contaminated

(xiii) Natural binder is :

- (a) Starch
- (b) Gum acacia
- (c) Okra gum
- (d) All the above

(xix) Symps are prepared by :

- (a) Solution with heating
- (b) Agitation without heating
- (c) Both (a) and (b)
- (d) None of the above

(xx) Full form of POP is :

- (a) Persistant Organic Powder
- (b) Persistant Organic Pollution
- (c) Persistant Organic Pollutants
- (d) Parsistant Organic Purifier

2. Solve any two :

20

- (a) Define herbal medicine and explain different techniques and methods of identification and authentication of herbal raw materials.
- (b) Define herbal cosmetics and explain in detail herbal cosmetics for oral hygenic products.
- (c) Explain WHO guidelines for assessment of herbal drugs.

3. Solve any seven :

35

- (a) Write a note on organic farming.
- (b) Explain different principles of Homeopathy system of medicine.
- (c) What are neutraceuticals ? Explain health benefits of nutraceuticals in treatment of cancer.

- (d) Explain interactions of ginseng with other drugs and food.
- (e) Write a note on herbal sweeteners and binders.
- (f) Write a note on phytosomes.
- (g) Write a note on case study of neem.
- (h) What are present and future prospects of herbal drug industry in India ?
- (i) Write a note on Biopiracy.