

B. Pharm. CBCS Pattern Semester-VI
BP603T - Herbal Drug Technology

P. Pages : 3

Time : Three Hours



GUG/W/23/14139

Max. Marks : 75

- Notes : 1. All questions are compulsory.
2. Illustrate your answers wherever necessary with the help of neat sketches.

1. Multiple Choice Questions. 20

- i) Asava and Arishta is a,
a) Powder preparation b) Decoction preparation
c) Infusion preparation d) Alcoholic preparation
- ii) Which of these is used to prepare homeopathic preparations?
a) Plants b) Animals
c) Chemicals d) All of the above
- iii) Which of the following is an organic farming practice that helps maintain soil health?
a) Sewage Sludge b) Synthetic Fertilizers
c) Monoculture d) Crop Rotation
- iv) Which of these is NOT allowed in organic farming?
a) Buffer Zones b) Cover Crops
c) Sewage Sludge d) Crop Rotation
- v) Which of the following is the closest English traditional of the Sanskrit word 'Ayurveda'?
a) Science of life b) Wind in the trees
c) Water on the knee d) Grain of wheat
- vi) Ayurvedic medicine includes most of the following, except:
a) Herb b) Diet modification
c) Life style change d) Needles/Surgery
- vii) Part or any part of plant, usually in unprocessed or crude form having a medicinal value is known as,
a) Herbal Drug Preparation b) Herbal Drug
c) Herbal Medicinal Product d) None of above
- viii) Plant have been systematically cultivated by application of Modern Scientific Techniques is applicable in,
a) Cultivated source b) Wild source
c) Both of the above d) None of the above
- ix) Stevia is an example of
a) Colorant b) Binder
c) Sweetener d) Thickening agent

- x) Which of the following would be considered components of Public Health Nutrition?
- Dietary guidelines
 - Nutritional epidemiology
 - Fortification of foods with vitamins and minerals
 - All of the options listed are correct
- xi) What is eLENA?
- A North American learning and education system
 - An online slimming method
 - A WHO database
 - A method for reducing fat in commercial products
- xii) Which of the following is considered an easily digestible source of protein?
- Egg albumin
 - Soyabean
 - Fish flesh
 - Red meat
- xiii) Kumari is common name for-
- Aloe
 - Rhubard
 - Senna pod
 - None of them
- xiv) The proverb 'Let food is your medicine & medicine is your food' is said by,
- Hippocrates
 - Galen
 - Agastya
 - Charka
- xv) Probiotics are,
- Chemical substance
 - Helpful bacteria
 - Pathogenic bacteria
 - Pathogenic bacteria
- xvi) Which of the following is also sometimes refers as Vitamin H,
- Keratin
 - Niacin
 - Biotin
 - Riboflavin
- xvii) The pheromone coated paper strips in the confusion technique are thrown over an area to-
- Confuse males so that they are unable to locate females
 - Repel insects from a region
 - Confuse females so that they are unable to locate males
 - Attract insects and kill them
- xviii) Consider the following statements (i-iv) about organic farming:
- Utilizes genetically modified crops like Bt cotton
 - Uses only naturally produced inputs like compost
 - Does not use pesticides and urea
 - Produces vegetables rich in vitamins and minerals.
- Which of the above statements are correct?
- (ii), (iii) and (iv)
 - (iii) and (iv) only
 - (ii) and (iii) only
 - (i) and (ii) only

- xix) Main ingredient of Rajat Bhasma is
- | | |
|-----------|-----------|
| a) Silver | b) Gold |
| c) Iron | d) Copper |
- xx) AYUSH was renamed in the year
- | | |
|---------|---------|
| a) 2003 | b) 2000 |
| c) 1995 | d) 1996 |

2. Solve the following **any seven**.

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- a) Why safety and efficacy is important in herbal drugs? Explain.
- b) Explain in detail about natural sweetener used as excipients.
- c) Explain the challenges in Stability testing of herbal medicinal product.
- d) Explain role of nutraceutical in cancer.
- e) What is Patent? Explain concept of IPR.
- f) Define the term herbal cosmetics and name various hair care, oral care and skin care products of herbal origin.
- g) Explain the role of Ginger and Ginseng as a nutraceuticals in maintaining good human health.
- h) Differentiate between asava and arista.
- i) Describe basic principles of GMP.

3. Solve the following **any two**.

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- a) Explain processing of herb in detail.
- b) Describe classification of nutraceutical in detail.
- c) Enumerate the basic concept, principle, diagnosis, treatment and role of Ayurvedic system of medicine.
