

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

P. Pages : 2

Time : Three Hours



GUG/S/23/14139

Max. Marks : 75

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

1. Multiple choice question. 20
- 1) As per ICH guideline, Accelerated method in refrigerated condition is
    - a)  $25 \pm 2^\circ \text{C} / 70 \pm 5\% \text{RH}$
    - b)  $20 \pm 2^\circ \text{C} / 60 \pm 5\% \text{RH}$
    - c)  $25 \pm 2^\circ \text{C} / 60 \pm 5\% \text{RH}$
    - d)  $20 \pm 2^\circ \text{C} / 80 \pm 5\% \text{RH}$
  - 2) In "cGMP", C stand for.
    - a) Clean
    - b) Common
    - c) Cumulative
    - d) Current
  - 3) AYUSH was renamed in the year.
    - a) 2003
    - b) 2000
    - c) 1995
    - d) 1996
  - 4) Quality control section should be in area of
    - a) 150 sq. feet
    - b) 160 sq. feet
    - c) 200 sq. feet
    - d) 100 sq. feet
  - 5) Biodiversity conservation Act in the year.
    - a) 1998
    - b) 1999
    - c) 1992
    - d) 2000
  - 6) The melting point of Bees was is.
    - a)  $62^\circ \text{C} - 65^\circ \text{C}$
    - b)  $50^\circ \text{C} - 57^\circ \text{C}$
    - c)  $40^\circ \text{C} - 45^\circ \text{C}$
    - d)  $80^\circ \text{C} - 85^\circ \text{C}$
  - 7) Vajradanti is used in.
    - a) Hair care
    - b) Skin care
    - c) Dental care
    - d) Eye care
  - 8) The pharmacopoeial laboratory for Indian medicines are established in.
    - a) New Delhi
    - b) Haryana
    - c) Faridabad
    - d) Ghaziabad
  - 9) The term nutraceuticals first given in the year.
    - a) 1998
    - b) 1992
    - c) 1989
    - d) 1987
  - 10) Orisett is belongs to.
    - a) Immune booster
    - b) Glucose management
    - c) Nutrition supplement
    - d) Protein supplement
  - 11) Alfalfa belongs to family.
    - a) Apocynaceae
    - b) Leguminosae
    - c) Liliaceae
    - d) Rubiaceae
  - 12) Green tea interact with warfarin and causes.
    - a) Complex
    - b) Coagulation of blood
    - c) Increases risk of bleeding
    - d) Decrease bleeding
  - 13) Rigveda is related to
    - a) Unani
    - b) Ayurveda
    - c) Siddha
    - d) Homeopathy
  - 14) Example of Rodenticide is.
    - a) Nux vomica
    - b) Red squill
    - c) Tobacco
    - d) a and b both

- 15) Leaching is know as
- |                             |   |
|-----------------------------|---|
| a) Cutting herbs            | b) Removal of impurities by running water |
| c) Prevent microbial growth | d) Harvesting of herbs                    |
- 16) Ghutika is
- |             |            |
|-------------|------------|
| a) Pill     | b) Paste   |
| c) Ointment | d) Capsule |
- 17) Ischeneer is known as in Siddha system.
- |           |          |
|-----------|----------|
| a) Muscle | b) Blood |
| c) Plasma | d) Semen |
- 18) Bhasma is
- |               |                |
|---------------|----------------|
| a) Solid form | b) Liquid form |
| c) Semi solid | d) Powder form |
- 19) Main ingredient of Rajat Bhasma is.
- |           |           |
|-----------|-----------|
| a) Silver | b) Gold   |
| c) Iron   | d) Copper |
- 20) Optimum particle size of Churna is
- |                |                |
|----------------|----------------|
| a) 80-100 mesh | b) 80-120 mesh |
| c) 80-90 mesh  | d) 50-60 mesh  |

**2. Longe answer questions solve any two.**

**20**

- 1) Explain herbal drug preparation with respect to sources, identification and processing of herbals.
- 2) Explain general and legal aspects of Nutraceuticals.
- 3) Define and classify herbal excipients with examples. Describe the role of herbal excipients in cosmetics.

**3. Short answer question solve any seven.**

**35**

- 1) Explain basic principle of Ayurveda and Siddha.
- 2) Explain preparation and standardization of Ghutika and Churna.
- 3) Write in detail on garlic as a nutraceutical.
- 4) Describe the honey as health food.
- 5) Give the general herbal ingredients of herbal shampoo.
- 6) Give the quality control test for hair care products.
- 7) Briefly explain the patenting aspects of traditional knowledge and natural products.
- 8) Discuss on present scope of herbal drug industries.
- 9) Explain farmer's right.

\*\*\*\*\*