

**MULTIPLE CHOICE QUESTIONS BASED MOCK TEST FOR ONLINE EXAMINATION**  
**FINAL YEAR B.PHARM (SEMESTER VIII) CBCS SYLLABUS**  
**SUBJECT: PHYTOPHARMACEUTICAL TECHNOLOGY**

**SET 1**

Q.1. The change brought by curcumin with P glycoproteins is

- a. Inhibition
- b. Inducer
- c. Metabolise
- d. suppress

Q.2. One of the following is not a property Of bioenhancers

- a. Should be bidirectional in action.
- b. Should be compatible with other active pharmaceutical ingredients.
- c. Should be stable with time and environment.
- d. Should be easily formulated into a various dosage form

Q.3. Cranberry is used for the following therapeutic indication

- a. Sedative
- b. Urinary Tract Infection
- c. Antiallergic
- d. Wound healing

Q.4. The precursor to chamazulene which has anti-inflammatory activity is

- a. Matricin
- b. Apigenin
- c. Alpha -bisabolol
- d. Alpha – bisabolol oxide

Q.5. One of the following is not the therapeutic application of Ginkgo

- a. used in Alzheimer's disease
- b. Used to treat excessive bleeding
- c. has antioxidant properties
- d. helps to control the transformation of cholesterol to plaque

Q.6. The constituent present in "Echinaceae" is

- a. Asarones
- b. Diterpenoids
- c. Flavonoids
- d. Alkamides

Q.7. One of the following is not correct about "Calamus"

- a. It belongs to araceae family
- b. The oil has antioxidant activity
- c. It has tranquilising properties
- d. It may cause malignant tumors of duodenum

Q.8. One of the following is not true about "Ginger"

- a. It is used in motion sickness
- b. Sesquiterpenes are the class of constituents present in it
- c. It improves blood circulation
- d. It inhibits cytochrome P450 enzymes

Q.9 Which is triterpenoid saponin sweetener?

- a. Glycyrrhizin
- b. Thaumatin
- c. Stevioside
- d. Brahmic acid

Q.10 Two of the following are the properties of apricot oil

- a. Treats psoriasis
- b. Produce bleaching action
- c. Helps in tissue regeneration
- d. Treats skin cancer

Q.11. One of the following is a crucial factor in the extraction of berberine

- a. Temperature
- b. Particle size
- c. Solubility
- d. Pressure

Q.12 Ginseng is indigenous to which country?

- a. China

- b. Japan
- c. Korea
- d. United states

Q.13. The most commonly used method for extracting pectin from plant tissue is by heating the plant sample in

- a. Alkaline water
- b. Pure water
- c. Acidified water
- d. Hydroalcoholic solution

Q.14. The sum total of the knowledge, skills, and practices based on the theories, beliefs, and experiences indigenous to different cultures is termed as

- a. Ethnomedicine
- b. Traditional medicine
- c. Phytomedicine
- d. Botanical medicine

Q.15. The skin lightening property of arbutin is due to its

- a. Moisturizing
- b. Removal of dead cells
- c. Tyrosine inhibitory
- d. Antioxidant

Q.16 One of the following is not true about Phytosomes

- a. Phytosomes have better stability
- b. Phytosomes have better solubility
- c. Phytosomes increases cutaneous absorption of drugs
- d. Phytosomes require large dose of drug to be entrapped

Q.17. Skin moisturizer constituent of Aloe vera

- a. Acemannan
- b. Aloe-emodin
- c. Barbaloin
- d. Rhein

Q.18 One of the following is not the property of TDDS

- a. Sustained and controlled delivery over a prolong period of time.

- b. Direct access to target or diseased site.
- c. Hepatic metabolism of drugs takes place
- d. Ease of dose termination

- Q.19 Which of the following equipment is used for concentration of extract ?
- a. Falling Film Evaporator
  - b. Decanters
  - c. Spray Drier
  - d. Freeze Drier
- Q. 20 The constituent responsible for colour in Bixia is
- a. Carthamin
  - b. Crocin
  - c. Bixin
  - d. Lycopene
- Q.21 Adjustment of phytopharmaceutical preparations to certain active substance is known as
- a. Standardization
  - b. Regulation
  - c. Quality Assurance
  - d. Quality Control
- Q. 22 Tinctures are examples of ----- herbal preparations
- a. Solid herbal preparations
  - b. Semisolid herbal preparations
  - c. Oily herbal preparations
  - d. Liquid herbal preparations
- Q.23 During extraction of Capsanthin the petroleum ether extract of capsicum powder is treated with 30% KOH solution because
- a. Solubility of Capsanthin is good in the solvent
  - b. To remove capsaicin
  - c. To get intense red colour
  - d. To remove tannins
- Q.24. Herb used for treatment of anxiety and seizures is
- a. Ephedra

- b. St. John's Wart
- c. Valerian
- d. Kava Kava

Q.25 The phytopharmaceutical approved for treatment of peptic ulcer

a. Ginger

- b. Garlic
- c. Ginkgo biloba
- d. Liquorice

Q.26 Which of the following is a type of countercurrent extractor

- a. Percolator
- b. Soxhlet Extractor
- c. Carosel Extractor
- d. Supercritical Fluid extractor

Q. 27 Determination of content of phytoconstituent in extract is known as

- a. Standardization
- b. Regulation
- c. Quality Assurance

Q.28 Highest natural sweetening agent

- a. Thaumatin
- b. Glycyrrhizin
- c. Stevioside
- d. saccharin

Q. 29 Which one of the following is used as dental filling material

- a. Neem
- b. Clove
- c. *Salvadora persica*
- d. Zinc Eugenate

Q.30 Which of the following is used as dental abrasive

- a. Clove
- b. *Salvadora*
- c. Ephedra
- d. Kava Kava

Q.31. Colouring constituent in *Onosma echioides* is

- a. Alizarin
- b. Alkanin and Shikonin
- c. Purpurin

- d. Colchicine
- Q.32 Commercial source of Citral is
- a. *Citrus auranti*
  - b. *Citrus limon*
  - c. *Cymbopogancitratus*
  - d. *Cymbopoganmaritinii*
- Q.33 Which drug is used for Adult diapers
- a. Valerian
  - b. Ephedra
  - c. Comfrey
  - d. Licorice
- Q.34 When senna is abused for the purpose of weight loss the following effect is predominantly observed
- a. Hypokalmeia
  - b. Hyponatrimia
  - c. Weight gain
  - d. Emesis
- Q.35 Botanical name of Butcher's broom?
- a. *Ruscus aculeatus*
  - b. *Cassia angustifolia*
  - c. *Berberis aristate*
  - d. *Lawsoniainermis*
- Q.36 Which part of Stevia to isolate sweetener?
- a. Root
  - b. Bark
  - c. Seed
  - d. leaf
- Q.37 Which of the following drug belonging to Solanaceae family?
- a. Tomato
  - b. Valerian
  - c. Chamomile
  - d. Ginseng
- Q.38 Which medicine is practiced by Non professional people?
- a. Traditional
  - b. Herbal
  - c. Ethno
  - d. Folklore
- Q.39 Ephedra, these days used for
- a. Asthma
  - b. Cancer
  - c. Weight loss

- d. Pain killer
- Q.40 TKDL is collaborative project between
  - a. AICTE & UGC
  - b. CSIR & AYUSH
  - c. AYUSH & DST
  - d. DST & CSIR
- Q.41 Botanical name of Kava Kava is
  - a. Ruscus aculeatus
  - b. Cassia angustifolia
  - c. Piper methysticum
  - d. Vaccinium macrocarpon
- Q.42 Coloring principle of Tea is
  - a. Alkaloid
  - b. Glycosides
  - c. Proteins
  - d. Tannins
- Q.43 Moisturizing property of Aloe is due to?
  - a. Mannans
  - b. Anthraquinones
  - c. Amino acids
  - d. Saponins
- Q.44 Curcumin is chemically?
  - a. Mannans
  - b. Diarylheptanoids
  - c. Hydroquinone
  - d. Poly phenol
- Q.45 Garlic is contraindicated with
  - a. Anticancer
  - b. Anticoagulant
  - c. Pain killer
  - d. Antifungal
- Q.46 Which drug is used for memory deficit?
  - a. Ginkgo biloba
  - b. Echinacea
  - c. Garlic
  - d. Kava Kava
- Q.47 Which is restricted drug due to toxicity?
  - a. Ginger
  - b. Garlic
  - c. Kava Kava
  - d. Liquorice

- Q.48 Botanical name of Rose hip?
- Rosa alba
  - Rosa canina
  - Rosa centifolia
  - Rosa gallica
- Q.49 Which drug is used for CVS health?
- Ephedra
  - Kava kava
  - Ginger
  - Tomato
- Q.50 Which is the constituent of Coriander oil?
- Mannans
  - Curcumin
  - Selenol
  - Lactone

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SET 2

- Q.1. What is the effect of Curcumin on P glycoproteins
- Inhibition
  - Inducer
  - Metabolise
  - suppress
- Q.2. Cranberry is used for the following therapeutic indication
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Q.5 Write in ascending order with respect to industrial production of diosgenin

1. Germination on agar plates containing 0.5% sucrose
2. Seeds surface sterilised with sodium hypochlorite
3. Transferred onto solid  $\frac{1}{2}$  medium WP3 containing 0.25 g/l cefotaxime and 1g/l ampicillin
4. Direct infection of the stems of 2 week old sterile plantlets with A. rhizogene
5. Elimination of bacteria, then inoculated into liquid media

- a. 1,2,3,4,5
- b. 2,1,4,3,5
- c. 1,3,2,4,5
- d. 2,1,3,4,5

Q.6 Two of the following are the properties of apricot oil

1. Reduces wrinkles
2. Produces bleaching action
3. Helps in tissue regeneration
4. Helps in treating pimples

- a. 1 and 2
- b. 2 and 3
- c. 2 and 4
- d. 1 and 3

Q.7. One of the following is a crucial factor in the extraction of berberine

- a. Temperature

- b. Particle size
- c. Solubility
- d. Pressure

Q.8. Two of the following are the constituent of Pectin which is responsible for its drug carrier property

1. Homogalactourans 2. Fructogalactourans 3. Arabinogalactourans 4. Rhamnogalactouran

- a. 1 and 2
- b. 2 and 4
- c. 1 and 4
- d. 2 and 3

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