

B.Pharm. Fourth Year (CBCS Pattern) Semester - VIII  
**BP809ET - Cosmetic Science**

P. Pages : 3

Time : Three Hours



**GUG/S/23/14155**

Max. Marks : 75

Notes : 1. All questions are compulsory.

1. Multiple choice questions.

**20x2  
=20**

- i) Vitamin E act as.
  - a) Humectant
  - b) Antioxidant
  - c) Emollient
  - d) Surfactant
- ii) The most superficial layer of epidermis is
  - a) Basal layer
  - b) Granular layer
  - c) Squamous layer
  - d) Cornified layer
- iii) During the stage the hair shaft is transform to club hair.
  - a) Anagen
  - b) Telogen
  - c) Exogen
  - d) None of them
- iv) Gingivitis is an inflammation of
  - a) Teeth
  - b) Gum
  - c) Palate
  - d) Tongue
- v) Vanishing cream importantly include.
  - a) Linolic acid
  - b) Stearic acid
  - c) Palmitic acid
  - d) All of them
- vi) Triclosan has an anti-microbial
  - a) Narrow spectrum
  - b) Broad spectrum
  - c) Moderate's spectrum
  - d) None of them
- vii) The content of surfactant in shampoo is typically between
  - a) 5 to 10%
  - b) 10 to 20%
  - c) 20 to 25%
  - d) 2 to 5%
- viii) ----- is consider to be most effective carries inhibiting agent.
  - a) Sodium bicarbonate
  - b) Xylitol
  - c) Silicone
  - d) Fluoride
- ix) Botulinum toxin block the release of neurotransmitter ----- into Synaptic cleft.
  - a) Adrenaline
  - b) Nor-adrenaline
  - c) Acetylcholine
  - d) None of them
- x) In females, wrinkles are result of decrease in hormone -----
  - a) Estrogen
  - b) Progesterone
  - c) Both a and b
  - d) None of them

2. Solve the following **any two**. **10x2**  
**=20**
- i) Explain about sunscreen and its ingredient.
- ii) Write down about BIS for skin cream with a note on annexure A
- iii) Define classify and explain various cosmetic excipient.

3. Solve the following **any seven**.

**5x7**  
**=35**

- i) Write a note on submeter.
- ii) Enlist the instrument used for measurement of skin colour explain mexameter.
- iii) Give the BIS requirement for shampoo.
- iv) Describe the phases of hair growth.
- v) Describe the causes prevention and treatment of body order.
- vi) Explain in short about hair dry product.
- vii) Describe in short about cosmeceutical product: - moisturizer.
- viii) Write a note on skin care herb.
- ix) Write in brief about comedogenic scale.

\*\*\*\*\*

