

**B. PHARM.
EIGHT SEMESTER
COSMETIC SCIENCE
BP809ET**

[USE OMR SHEET FOR OBJECTIVE PART]

**SET
B**

Duration : 3 hrs.

Full Marks : 75

[PART-A: Objective]

Time : 30 min.

Marks : 20

Choose the correct answer from the following:

1×20=20

- The UVB rays have a characteristic wavelength of:
 - 200-290nm
 - 290-320nm
 - 320-400nm
 - 400-800nm
- The potent compound in turmeric is called as:
 - Azadirachtin
 - Curcumin
 - Eugenol
 - Zingiberin
- E OTC drugs _____ prescription to be sold.
 - Do not require
 - require
 - May require
 - None of these
- The viscosity of cream formulation is determined with the help of:
 - Brookfield viscometer
 - Ostwald viscometer
 - Both a and b
 - None of these
- Emollients used in formulation of creams are also known as:
 - Moisturizers
 - Plasticizers
 - Humectants
 - None of these
- For determining the partition coefficient of creams buffer 7.4 and _____ is used.
 - n-propane
 - n-hexane
 - n-butane
 - isopropanol
- Which of the following is a type of dermatitis?
 - Contact
 - Atopic
 - Seborrheic
 - All of these
- Common ingredient of all hair dyes is:
 - Hydrogen peroxide
 - Ammonia
 - Both a and b
 - None of these
- The very high energy UV rays are:
 - UVA rays
 - UVB rays
 - UVC rays
 - None of these
- An example of mineral thickener used in formulations is:
 - Bentonite
 - NaCl
 - PEG
 - Beeswax

11. Cosmetics are intended to be applied:
 - a. Internally
 - b. Externally
 - c. Both a and b
 - d. None of the above
12. A micelle is composed of ____ parts.
 - a. 1
 - b. 2
 - c. 3
 - d. 4
13. Quasi drugs are primary category of beauty products used in:
 - a. India
 - b. Japan
 - c. South Korea
 - d. Iran
14. An example of emulsion formulation of cosmetics is:
 - a. Vanishing cream
 - b. Hair gel
 - c. Shaving gel
 - d. All of these
15. What are the different ingredients used in oral care products?
 - a. Desensitizer
 - b. Whitening agents
 - c. Preservatives
 - d. All of these
16. The charge of surfactant in shampoo is :
 - a. positive
 - b. negative
 - c. both
 - d. none
17. A sunscreen having SPF 30 provides Protection.
 - a. 99%
 - b. 93%
 - c. 97%
 - d. 100%
18. The physical sunscreen the sunlight.
 - a. absorbs
 - b. reflects
 - c. Both a and b
 - d. None of these
19. The types of teeth whitening ingredients include:
 - a. Bleaching agents
 - b. Non-bleaching agents
 - c. Both a and b
 - d. None of these
20. Parabens are used as:
 - a. Rheology modifiers
 - b. Surfactant
 - c. Preservatives
 - d. None

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(PART-B : Descriptive)

Time : 2 hrs. 30 min.

Marks : 35

[Answer any seven (7) questions]

1. Write a note on sun protection, classification of sunscreens and SPF. 5
2. Describe the definition of cosmetics as per Indian and EU regulations. 5
3. Describe the role of aloe and turmeric in skincare. 5
4. Describe the classification of cosmetics and cosmeceutical products. 5
5. Write a note on the role of cosmetics as quasi drugs. 5
6. Discuss the various ingredients used in the formulation of skin creams. 5
7. Describe the role of cosmetics as OTC drugs. 5
8. Write in details about the different types of dermatitis. 5
9. Write a note on oily and dry skin conditions. 5

(PART-C: Long type questions)

[Answer any two (2) questions]

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| 1. Write a detailed note on the classification and applications of surfactants and rheology modifiers. | 10 |
| 2. Write a detailed note on the evaluation of creams. | 10 |
| 3. Write a detailed note on building blocks of hair care products. | 10 |

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