**ARKA JAINUniversity, Jharkhand**

8th Semester 1st Internal Examination – 2022-2023



**Subject: Cosmetic Science (Theory)**

**Course: B. Pharm** **Full Marks: 30**

**Time: 1hr**

* **All Questions are compulsory**.
1. **Multiple Choice Questions**$\left(10×1=10\right)$
2. The European Union requires that cosmetic products placed on the EU market be?

|  |  |
| --- | --- |
| 1. Safe
 | 1. Must not cause damage to human health
 |
| 1. Both a & b
 | 1. None of the above
 |

1. Following country has a specific category of products that are in between cosmetics and drugs called quasi drugs:

|  |  |
| --- | --- |
| 1. India
 | 1. Japan
 |
| 1. Russia
 | 1. Turkey
 |

1. These surfactants are most widely used in the preparation of washing powder but not in cosmetics:

|  |  |
| --- | --- |
| 1. Lauryl sulphate
 | 1. Alkyl benzene sulphonates
 |
| 1. Myristyl sulphate
 | 1. None of the above
 |

1. Thickeners commonly used in skin moisturizing products

|  |  |
| --- | --- |
| 1. Xanthan gum
 | 1. Cellulose derivatives
 |
| 1. Acrylic polymers
 | 1. All of the above
 |

1. Example of humectant:

|  |  |
| --- | --- |
| A. Di ethylene glycol | B. Triethylene glycol |
| C. Polyethylene glycols | D. All of the above |

1. Following is not the synthetic humectants:

|  |  |
| --- | --- |
| 1. Butylene glycol
 | 1. Talc
 |
| 1. Urea
 | 1. Glycerin
 |

1. The cross section of a hair shaft is not having following component from outside to the inside:

|  |  |
| --- | --- |
| 1. Cuticle
 | 1. Cortex
 |
| 1. Dermis
 | 1. Medulla
 |

1. The fluoride content label in a toothpaste should be between

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| 1. 8.0 -9.5
 | 1. 6.0 -9.5
 |
| 1. 7.0 -9.5
 | 1. 5.0 -9.5
 |

 |
|  |

1. What constituent in turmeric is responsible for its yellow colouring

|  |  |
| --- | --- |
| 1. Zingiberone
 | 1. Curcumin
 |
| 1. Atlantone
 | 1. Turmerone
 |

1. The PH label in a toothpaste as per BIS should be between

|  |  |
| --- | --- |
| 1. 5.5-8.5
 | 1. 5.5-9.5
 |
| 1. 5.5-6.5
 | 1. 5.5-7.5
 |

**II. Long Answers (Answer 1 out of 2)** $\left(1×10=10\right)$

1. Write basic structure and function of skin with a neat labeled diagram.
2. Define Sunburn and Sunscreens also discuss the formulation of herbal screen lotions and its standardization.

**III.Short Answers (Answer 2 out of 3)**$ \left(2×5=10\right)$

1. Write a note on hair growth cycle?

2. Write down the classification and application surfactants.

3. Discuss types of shampoos and what the demerits of synthetic based shampoos are.