**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**
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)**

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)**

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.