## Paper / Subject Code: 66002 / Cosmeticology

## Q. P. Code: 22805

		Time: 3 Hours Marks: 70	
NB:	(1	) All questions are compulsory.	200
	-	) Figures to the right indicate full marks.	
1	(a)	State the Schedule M II requirements for nail lacquer manufacturing.	2
	(b)	Write a brief note on anti-acne products.	3
	(c)	Enlist nail specialty products.	2
	(d)	Give an account of the mechanism of action of hair waving products.	2
	(e)	Elaborate on an after shave product with a suitable example	3
	(f)	Explain the formulation and evaluation of mouthwashes.	3
2	(a)	State the sensitization reactions to cosmetics. Briefly explain various sensitivity testing methods.	4
	(b)	Discuss the formulation aspects of Cleansing products.  OR	3
		Explain quality control tests for skin creams.	3
	(c)	Elaborate on the raw materials used in shampoos.	4
3	(a)	Classify Wet shaving formulations. Discuss the formulation aspects and ingredients used in their formulation.	4
	(b)	Which are the various eye make- up products? Suggest a formula for one product.	3
	(c)	Write a detailed description of <b>any one</b> (i) Preservatives and antioxidants used in cosmetics (ii) Colors used in cosmetic products	4
4	(a)	Write a note on Face Powders.	3
	(b)	Describe the formulation of Foundation cream. State the classes of hair colorants and explain any one class.	4
	(c)	Discuss quality control tests and BIS standards for Toothpastes.	4
5	(a)	Write a short note on Depilatories.	3
	(b)	Give an account of large scale manufacturing of Lipsticks.  OR	4
	(c)	Describe raw materials used in lipstick formulations. State the sources of microbial contamination in cosmetics manufacturing and suggest remedies to prevent it.	4
6	(a)	What are the factors to be considered while formulating baby cosmetics? Enlist various baby cosmetics.	3
	100 C	OR OR	
	(b)	Give an account of antiperspirants.  Mention ideal properties of nail lacquers and explain suitable raw materials with examples	4
300	(c)	which impart it.  Elaborate on types of sunscreen agents and discuss evaluation of sunscreen products	4

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