

B. PHARM 4th YEAR 2nd SEMESTER EXAMINATION, 2024

SUBJECT: COSMETIC SCIENCE

Time: 3 hours

Total marks: 75

Answer any five (05) questions taking at least one (01) from each group

Group A

- Q1. i. Classification of cosmetic and cosmeceutical products with example.
ii. Differentiate between cosmetics as quasi and OTC drugs. (5+5) + 5=15
- Q2. Cosmetic excipients: i. Surfactants, ii. rheology modifiers, iii. humectants, iv. emollients, v. preservatives. Give example and application. 5X3=15
- Q3. Write in details about the evaluation of cosmeceuticals form cosmetics. 15

Group B

- Q4. Discuss resistant and sensitive skin. Write notes on pigmented and non-pigmented skin. [8+7]
- Q5. Discuss antiperspirants and deodorants? What do you mean by TEWL? How can you measure TEWL? What is a sebumeter? [6+2+5+2]

Group C

- Q6. Elaborate the mechanism of deodorant and antiperspirants. How are they assessed? 15
- Q7. Enlist the various Annexure requirements under skin creams for BIS certification and explain any two annexures. 15
- Q8. Describe the merits and limitations of cold and vanishing creams. 15