M Pharm Pharmaceutics 2nd sem

Assignment IV

Cosmetics and Cosmeceuticals

1. What are sunscreens?

2. Give the diagrammatic representation of solar electromagnetic radiation spectrum.

3. Which region of solar spectrum is responsible for adverse biological reactions and what are the adverse reactions.

4. Throw light on various subregions of UV spectrum

5. Give the effects of UVA region on skin.

6. Give the factors on which the severity of all responses to UV light depends.

7. Illustrate the penetration of UV

radiations through a neat and labelled diagram.

8. Give detailed classification of sunscreens.

9. Give the formulation of emulsion type sunscreen product.

10. Explain the term SPF.How can it be determined.Give the testing methods.