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Faculty of Health Sciences
Diploma in Pharmaceutical and Cosmetic Sciences

DPC 1253
Dermatology
1st year 2nd Semester
End Semester SEQ Examination
2nd Batch

Date : 13th December 2023
Time : 9.00 a.m. – 12.00 p.m. (Three hours)

INSTRUCTIONS TO CANDIDATES

- This question paper consists of **SIX** questions.
- Answer **ALL** questions.
- You should write legibly in black or blue ink.

Question 1 (100 marks)

- 1.1 List main cell layers present in thick skin. (25 marks)
1.2 Describe characteristic features of each layers you mentioned in 1.2 (35 marks)
1.3 Describe the characters of following dry skin. (25 marks)
1.4 Show a combination skin on face by a labeled diagram. (15 marks)

Question 2 (100 marks)

- 2.1 Describe the structure of sebaceous glands. (30 marks)
2.2 Write short notes on followings.
 2.2.1 Eccrine sweat gland (25 marks)
 2.2.2 Apocrine sweat gland (25 marks)
2.3 Briefly describe arector pili muscle. (20 marks)

Question 3 (100 marks)

- 3.1 Describe the anatomy of human hair (35 marks)
3.2 Describe haircare tips. (35 marks)
3.3 Describe the following stages which are part of hair life cycle.
 3.3.1 Anagan (15 marks)
 3.3.2 Catagen (15 marks)

Question 4 (100 marks)

- 4.1 Describe following functions of human skin.
 4.1.1 Protection (25 marks)

- 4.1.2 Thermoregulation (25 marks)
4.1.3 Cutaneous sensation (25 marks)
4.1.4 Vitamin D Synthesis (25 marks)

Question 5**(100 marks)**

- 5.1 List four principle cells present in the epidermis. (20 marks)
5.2 What are the dermal papillae? (25 marks)
5.3 What are the two primary forms of Melanin? (20 marks)
5.4 Describe the functions of melanocytes. (35 marks)

Question 6**(100 marks)**

- 6.1 Describe the functions of nails. (35 marks)
6.2 Describe what can you do for nail cuticle caring. (35 marks)
6.3 Write a short note on Dermal filler. (30 marks)