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BP 809 ET

Roll No. of candidate

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2021

B.Pharm 8th Semester (Regular) End-Term Examination

COSMETIC SCIENCE (THEORY)

(New Regulation w.e.f. 2017-18)

Full Marks – 75

Time – Three hours

The figures in the margin indicate full marks for the questions.

1. Answer question No. 1 (attempt *all* the questions) : (20 × 1 = 20)
- (i) An agent used to clean the surface of teeth and there by decrease the tooth decay, mouth odour is known as _____
- (a) Abrasive (b) Dentifrice
- (c) Dental paste (d) Dental cone
- (ii) Which of the following statement are correct?
- I. The toxins in cigarette smoke, may increase the blood flow.
- II. Seborrheic dermatitis is likely caused by a fungus in the oil gland.
- III. Contact dermatitis occurs when skin comes in direct contact with an irritant or allergen.
- (a) Option I and II are correct
- (b) Option I and III are correct
- (c) Option II and III are correct
- (d) None of the above

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- (iii) Which of the following statement are correct?
- I. Wet dandruff is also known as *Pityriasis simplex*.
 - II. Anti-dandruff shampoos are classified under medicated shampoos.
 - III. Dandruff is classified into four types.
 - IV. Eczema is atopic dermatitis.
- (a) Option I and II are correct
 - (b) Option I and III are correct
 - (c) Option II and III are correct
 - (d) Option II and IV are correct
- (iv) The levels of sebum presence in the skin is evaluated and evaluation are checked by _____.
- (a) Corneometer
 - (b) Tewameter
 - (c) Sebumeter
 - (d) All of the above
- (v) Tewameter is used in cosmetology for the measurement of
- (a) Sebum
 - (b) Melanin
 - (c) Sebum and melanin
 - (d) Transdermal water loss
- (vi) Change in skin color are checked by _____.
- (a) Corneometer
 - (b) Mexameter
 - (c) Sebumeter
 - (d) None
- (vii) Which of the following herb shows anti-plaque activity?
- (a) Neem
 - (b) Henna
 - (c) Amla
 - (d) Aloe
- (viii) Which of the following herbs are most relevant in term of oral care ?
- (a) Neem
 - (b) Henna
 - (c) Clove
 - (d) Both (a) and (c)
- (ix) Which of the following option is mainly applicable for best fit with the application of Henna?
- (a) Skin care
 - (b) Hair care
 - (c) Oral care
 - (d) None
- (x) Which of the following is the option is correct in terms of pH of shampoo?
- (a) 4-9
 - (b) 5-9
 - (c) 6-8
 - (d) None of the above

- (xi) In which year, BIS standard for shampoo was revised?
 (a) 1975 (b) 1998
 (c) 1978 (d) None
- (xii) In shampoo preparation, Lauramide is used as _____.
 (a) Thickener (b) Preservative
 (c) Foam stabilizer (d) Cleanser
- (xiii) The content of surfactants in shampoo is typically between _____.
 (a) 10%-20% (b) 5-10%
 (c) 2-5% (d) 20-25%
- (xiv) Soap is basically a _____ or _____ salts of various naturally occurring fatty acid.
 (a) Sodium or potassium
 (b) Sodium or calcium
 (c) Calcium or sodium
 (d) None
- (xv) The word Syndet is derived from synthetic combined with _____.
 (a) Soap (b) Detergent
 (c) Acid (d) All of the above
- (xvi) Which of the following is considered as the largest organ of the body?
 (a) Skin (b) Kidney
 (c) Liver (d) None
- (xvii) Hydroquinone act as _____ Agent.
 (a) Antioxidant (b) Protective
 (c) Depigmentation (d) Moisturizing
- (xviii) _____ is an inflammation of the gingiva around a partially erupted tooth.
 (a) Pericoronitis (b) Periodontitis
 (c) Gingivitis (d) All
- (xix) Which of the following option best explain “death of tissue”
 (a) Abscess (b) Pulpitis
 (c) Necrosis (d) Pulpalgia

- (xx) Which of the following statements are correct?
- I. Deep conditioners are used for curly or unmanageable hair prior to styling.
 - II. Argon oil is called as liquid gold.
 - III. Extrinsic stains are caused by therapeutic agents.
 - IV. Abrasives are used in concentration of about 20-50% of the total formulation.
- (a) Option I and II are correct
 - (b) Option I and III are correct
 - (c) Option II and III are correct
 - (d) Option II and IV are correct

2. Answer any *seven* questions: (7 × 5 = 35)

- (a) Write in detail account on causes and treatment of acne.
- (b) Write a short note on causes and treatment of dandruff.
- (c) Discuss the major causes of alopecia with suitable explain.
- (d) Briefly discuss the advantages and application of corneometer.
- (e) Write a detail note on antiperspirant.
- (f) Write a detail account on moisturizers and moisturizing creams.
- (g) Define the term preservatives. Note down the ideal properties of preservatives.
- (h) Define sunscreen preparation. Write a detail note on classification, method of preparation and application of sunscreen lotion.
- (i) What do you mean by the term SPF? Write a note on sun protection factors.

3. Attempt any *two* questions out of the following: (2 × 10 = 20)

- (a) Define the term herbal cosmetics. Discuss in details the role of herbs in skin care and hair care. 2 + 8 = 10
- (b) Discuss the structure and function of skin. Write a detail note on vanishing cream preparation. 4 + 6 = 10
- (c) Describe Cosmetic problems associated with skin with special emphasis to wrinkles and body odour. 10