

KATHMANDU UNIVERSITY
End Semester Examination
March/April, 2022

Mark scored:

Level : B. Pharm.

Year : IV

Exam Roll No. :

Registration No.:

Time: 30 mins.

Course : PHAR 419

Semester : II

F. M. : 20

Date :

SECTION "A"
[20 Q × 1 = 20 marks]

Encircle the most appropriate answer.

1. Dairy products rich in vitamin fights hair loss
a. B7 b. B12 c. B8 d. B6
2. Full form of PTD is
a. Para-toulene diame b. Para pheromone diamne
c. Para thyroid diamne d. Para terta diamne
3. This test helps us ensure that active ingredients such as PPD and PTD are not allergic to us
a. Patch test b. Strand Test c. Safety tests d. Dye test
4. All the procedure about strand test are true except
a. A centimeter thick strand of hair is taken.
b. The strand of hair is trapped to sheet and hair color mixture is applied remaining from the patch test.
c. Strand is checked after 35 minutes. If the color is not seen in root extra 5 or 10 minutes is added.
d. If the reaction is produced on the client's skin, then hair dye is discarded.
5. Which of the following hair dye reactions is enlisted in type-4 hypersensitivity reactions?
a. Contact dermatitis b. Anaphylactic shock
c. Mild irritation d. Intolerance to hair dye
6. The thin, hairy skin that covers the greater part of the body.
a. Hirsute b. Glabrous c. Epidermis d. Dermis
7. Layers of the epidermis present only in palms
a. Stratum basale (stratum germinativum) b. Stratum spinosum
c. Stratum granulosum d. Stratum lucidum
8. The cell that communicates a sensory structure known asand works in the sensation of touch.
a. Melanocytes b. Langerhans cells c. Merkel cells d. Keratinocytes
9. All the statement are true about blister except
a. Described by watery, clear, liquid-filled region on the skin
b. Maybe littler than 1 cm (vesicle) or bigger than 1 cm (bullae) and happen alone or in gatherings
c. Can be found anyplace on the body
d. Shows up on parts of the body that get a great deal of sun introduction.
10. Bothersome, raised welts that happen after the exposure to an allergen in the skin with red, warm, and somewhat agonizing to the touch. Furthermore, this can be little, round, and ring-formed or huge and haphazardly molded. This type of difficult in skin is termed as
a. Hives b. Actinic keratosis c. Rosacea d. Acne

11. All the facts about Stratum Corneum are true except
 - a. It is 25 to 30 layers of flat dead cells filled with keratin and covered by lipids which continuously sheds
 - b. It is a barrier to light, heat, water, chemicals, and bacteria.
 - c. Presence of callus results in abnormal thickening of the epidermis.
 - d. It is present only in the fingertips, palms of the hands, and the feet's soles.

12. All the facts about skin are true except
 - a. It is a sensory organ that is the biggest organ of the body in both surface region and weight.
 - b. In grown-ups, skin covers a zone around 2 sq.mts (22 sq.), weighs about 4.5 to 5 kgs, and 16% of the body weight.
 - c. Normal thickness is 1 to 2 mm. Eye cover - 0.5 mm Palm and soles - 6 mm.
 - d. The pH of the skin is about 7 and the recharging of the skin happens in 28 to 50 days.

13.are hygroscopic in nature and are available as a clear, colorless and viscous liquid. They can be used as antimicrobial preservative; humectant; cosolvent and solvent. But as humectants they bind with water and pull in hydration to the outer layer of the skin. They can absorb 38.5% w/w of water in 144 hours at 81% RH.
 - a. Butylene glycol
 - b. Propylene glycol
 - c. Hyaluronic acid
 - d. Alkyl polyglycosides

14.which is available as a white powder are used in a wide range of cosmetics and personal care products including makeup, nail products, bath soaps.
 - a. Chromium oxide
 - b. Zinc oxide
 - c. Ultramarines
 - d. Iron oxide

15. All the facts about fragrance are true except
 - a. Phenyl ethyl alcohol are obtained from plant extract which are faintly green in colour and has the rose fragrance.
 - b. Geraniol is found naturally in geranium, lemongrass, , jasmine rose, palmarosa and citronella oils
 - c. Citronellol : They are manufactured synthetically and has rose like fragrance so they are the main component of rose oils.
 - d. Plant products like rosemary, lemongrass, clove, jasmine, etc can be used after their extraction through steam distillation and organic solvent extraction.

16. All are the disorder related to Nail except
 - a. Onychoschizia
 - b. Onycholysis
 - c. Terrys nail
 - d. Enonychia

17. The process by which the mineral structure of enamel and dentine is dissolved and removed as a result of microorganisms on sugars and carbohydrates that are present in the mouth.
 - a. Plaque
 - b. Tartar
 - c. Dental Caries
 - d. Demineralization

18. The soap with..... in its formulation can be claim as "Soap with cold cream".
 - a. Mineral oil
 - b. Jojoba oil
 - c. Seaweed oil
 - d. Oatmeal oil

19.contain the fragrance 10 to 20 % .
 - a. Shaving Soap
 - b. Transparent Soap
 - c. Translucent soaps
 - d. Toilet Soaps

20. The root of each tooth sits within a bony socket called
 - a. Alveolus
 - b. Cementum
 - c. Pulp cavity
 - d. Dentin

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SECTION "B"

[5Q × 3 = 15 marks]

Attempt *ANY FIVE* questions.

1. What are the main ingredients of lipsticks?
2. Give the diagram of transverse section of human skin.
3. Write short note:
 - a. Antiperspirant
 - b. Deodorant
4. Describe about the ingredients of nail lacquers.
5. Explain about the anatomy of skin with diagram.
6. What are the main ingredients of mouthwash preparation?
7. Describe about the formulation of cold cream.

SECTION "C"

[5Q × 5 = 25 marks]

Attempt *ANY FIVE* questions.

8. Explain about the anatomy of hair with diagram. List down and explain the hair disorders.
9. What is color cosmetic? List down the characteristics of nail polish.
10. Describe about hair growth cycle.
11. Classify the skin on the basis of reaction to the Sun. Explain the formulation of cleansing milks.
12. What do you mean by translucent soap? Explain in detail about this soap with its method of manufacture.
13. What do you mean by bath foam? What are the basic formulation requirements of bathing foam?
14. Explain in detail about cleansing cream with their method of manufacture.

SECTION "D"
[2Q × 7.5 = 15 marks]

Attempt *ANY TWO* questions.

15. What do you mean by Sun cream chemicals? How do they work? What are sun cream consumer's expectations? Explain in detail about the sun cream with their method of manufacture and evaluation.
16. List down the lip products types. Describe about the ideal characteristics of the lip products. Explain in detail about lip products formulation with their method of manufacture.
17. Explain in detail about the anatomy of human oral cavity. What are dental care products and disorder. Describe about the formulations and evaluation of toothpaste in detail.