



BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – D.Pharm-2021
Course Name – Pharmaceutics- II
Course Code - 2.1T
(Year II)

Library
Pharmaceutical Technology
Brainware University
Barasat, Kolkata-700125

Full Marks : 80

Time : 3:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 20=20

1. Choose the correct alternative from the following :

- (i) Select the correct one, Standard unit volume in metric system is
- | | |
|------------------|------------------|
| a) Microlitre(N) | b) Milliliter(N) |
| c) Centiliter(N) | d) Liter(Y) |
- (ii) Select the full form of prim. m?
- | | |
|------------------|---------------------|
| a) Prime mane(N) | b) Primo mane(Y) |
| c) Prime(N) | d) None of these(N) |
- (iii) Select the content of ethanol in the preparation of elixir:
- | | |
|-------------|-------------|
| a) 10-12% | b) 1-2%(N) |
| c) 4-40%(Y) | d) 5-20%(N) |
- (iv) Select Which one of the following agent is added to avoid cap-locking in the preparation of syrup?
- | | |
|--------------------------|--------------------|
| a) Polyhydric alcohol(Y) | b) Methanol(N) |
| c) formaldehyde(N) | d) Fumaric acid(N) |
- (v) Identify which one of the following contains Whitefield's ointment:
- | | |
|--|----------------------|
| a) Benzoic acid(N) | b) Salicylic acid(N) |
| c) Both Benzoic acid and Salicylic acid(Y) | d) None of these(N) |
- (vi) Select the following statement is true for lotion except
- | | |
|--|-----------------------------|
| a) Aqueous/ alcoholic solution/ suspension in aqueous media(N) | b) Applied with fraction(Y) |
| c) Applied on broken skin(N) | d) None of these(N) |
- (vii) Select which one of the following acts as an opacifying agent used in the preparation of face powder?
- | | |
|---------------------------|------------------------|
| a) Magnesium carbonate(N) | b) Talcum powder(N) |
| c) Starch(N) | d) Titanium dioxide(Y) |
- (viii) Identify which one of the following parameter is not a derived property of powder.
- | | |
|-----------------|------------------|
| a) Surface area | b) Particle size |
| c) Bulk density | d) None of these |

8. Differentiate hard contact lens and soft contact lens. (5)

OR

Differentiate Cold cream and Vanishing Cream. (5)

9. Calculate the volume of each of 90%, 60%, 30% and water are required to produce 500 ml of 50% alcohol. (5)

OR

Differentiate between tolerated and adjusted incompatibilities. (5)

Group-C

(Long Answer Type Questions)

10 x 2=20

Answer all the questions

10. Describe the various factors influencing dose calculation. (10)

11. Describe elaborately about sterility testing of pharmaceutical products. (10)

OR

Explain different types of containers and closures used for parenteral products. (10)

Library
Pharmaceutical Technology
Brainware University
Bardoloi, Kollata-700125