

BATCH-A SYNOPSIS

SUBJECT-PHARMACEUTICAL ENGINEERING

SUBJECT CODE-BP308P

DATE OF EXAM:-24-09-2020 (Thursday)

A.Y-2020-2021

Class-B.Pharm; Sem-3

Batch - A

***INSTRUCTIONS:-**

1. All questions are compulsory.
2. Each question is having one mark.
3. Submit your answer by choosing only one correct option.
4. Max Marks - 10

* Required

1. Email address *

2. NAME OF STUDENTS:- *

3. ENROLLMENT NUMBER:- *

4. 1. _____ is not used for mixing, in dispensing. *

Mark only one oval.

- A. Sizing
- B. Spatulation
- C. Trituration
- D. Tumbling

5. 2. Which type of mixture is easily formed? *

Mark only one oval.

- A. Negative
- B. Positive
- C. Neutral
- D. Ampholytic

6. 3. Which type of mixture is irreversible in nature. *

Mark only one oval.

- A. Positive
- B. Neutral
- C. Both A and B
- D. Negative

7. 4. _____ is the principle of mortar and pestle. *

Mark only one oval.

- A. Shearing
- B. Spatulation
- C. Tumbling
- D. Trituration

8. 5. _____ is not a mechanism of solid -solid mixing. *

Mark only one oval.

- A. Tumbling
- B. Connective
- C. Shearing
- D. Diffusion

9. 6. In drying process, final product is in the form of ____ *

Mark only one oval.

- A. Slurry
- B. Solid
- C. Solution
- D. Solvent Concentrate

10. 7. _____ is the highly critical condition for drying process. *

Mark only one oval.

- A. Pressure
- B. Temperature
- C. Moisture
- D. Pressure

11. 8. Which of the following processing factor is essential for fixing the effective drying conditions? *

Mark only one oval.

- A. Pressure
- B. Height
- C. Weight
- D. Humidity

12. 9. Which of the following substance is having practically zero value of Equilibrium Moisture Content (EMC)? *

Mark only one oval.

- A. Nonporous; Insoluble
- B. Nonporous; Soluble
- C. Porous; Insoluble
- D. Porous; Soluble

13. 10. Migration of salts and solutes does not occur in _____ *

Mark only one oval.

- A. Spray Dryer
- B. Freeze Dryer
- C. Tray Dryer
- D. Vacuum Dryer

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BATCH-B_SYNOPSIS

SUBJECT-PHARMACEUTICAL ENGINEERING

SUBJECT CODE-BP308P

DATE OF EXAM:-23-09-2020 (Wednesday)

A.Y-2020-2021

Class-B.Pharm; Sem-3

Batch - B

***INSTRUCTIONS:-**

1. All questions are compulsory.
2. Each question is having one mark.
3. Submit your answer by choosing only one correct option.
4. Max Marks - 10

* Required

1. Email address *

2. NAME OF STUDENTS:- *

3. ENROLLMENT NUMBER:- *

4. 1. Size Reduction is also known as ____ *

Mark only one oval.

- A. Comminution
- B. Mixing
- C. Attrition
- D. Shearing

5. 2. Size Reduction helps in _____ *

Mark only one oval.

- A. Increase Size
- B. Decrease Size and Increase Stability
- C. Decrease Solubility
- D. Decrease Absorption

6. 3. Identify the methods of size reduction. *

Mark only one oval.

- A. Precipitation
- B. Mechanical Method
- C. Both A and B
- C. Attrition

7. 4. For the ease of size reduction process, material must be _____ *

Mark only one oval.

- A. Soft, Brittle
- B. Soft, Tough
- C. Hard, Tough
- D. Hard, Brittle

8. 5. For the ease of size reduction process, the moisture content for dry grinding is _____ *

Mark only one oval.

- A. Less than 5%
- B. Less than 2%
- C. Less than 0.5 %
- D. Less than 8%

9. 6. Size Separation is not based on _____ *

Mark only one oval.

- A. Particle Size
- B. Particle Texture
- C. Particle Density
- D. Particle Shape

10. 7. 22/60 powder means _____ *

Mark only one oval.

- A. Coarse Powder
- B. Fine Powder
- C. Moderately Coarse Powder
- D. Very Fine Powder

11. 8. What is the meaning of coarse powder? *

Mark only one oval.

- A. 22/60
- B. 44/85
- C. 85#
- D. 10/44

12. 9. Which is not a mechanism of size separation? *

Mark only one oval.

- A. Compression
- B. Brushing Method
- C. Centrifugal Force
- D. Agitation

13. 10. Which is a mechanism of size separation? *

Mark only one oval.

- A. Attrition
- B. Agitation
- C. Compression
- D. Shearing

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BATCH-C SYNOPSIS

SUBJECT-PHARMACEUTICAL ENGINEERING

SUBJECT CODE-BP308P

DATE OF EXAM:-25-09-2020 (Friday)

A.Y-2020-2021

Class-B.Pharm; Sem-3

Batch - C

***INSTRUCTIONS:-**

1. All questions are compulsory.
2. Each question is having one mark.
3. Submit your answer by choosing only one correct option.
4. Max Marks - 10

* Required

1. Email address *

2. NAME OF STUDENTS:- *

3. ENROLLMENT NUMBER:- *

4. 1. Distillation operation involves _____ *

Mark only one oval.

- A. Vaporization and Condensation
- B. Vaporization
- C. Vaporization; Condensation and Crystallization
- D. Vaporization; Condensation; Crystallization and Drying

5. 2. Separation of liquid by distillation is based on _____ *

Mark only one oval.

- A. Boiling Point
- B. Vapour Pressure
- C. Miscibility
- D. Viscosity

6. 3. Absolute Alcohol is prepared by _____ *

Mark only one oval.

- A. Simple Distillation
- B. Steam Distillation
- C. Azeotropic Distillation
- D. Vacuum Distillation

7. 4. Distillation does not involved in _____ *

Mark only one oval.

- A. Evaporation
- B. Purification
- C. Separation
- D. Extraction

8. 5. Which method is used for distillation of camphor? *

Mark only one oval.

- A. Steam Distillation
- B. Azeotropic Distillation
- C. Fractional Distillation
- D. Simple Distillation

6. Choose the correct sentence for evaporation from the following. *

Mark only one oval.

- A. Constituents must be thermolabile
- B. Solvent must be volatile
- C. Solvent must be non - volatile
- D. Liquid must be viscous

7. Which factor is increasing the efficiency of evaporator? *

Mark only one oval.

- A. Moisture Content
- B. Volume of Liquid
- C. Velocity of Flow of Fluid
- D. Viscosity of Liquid

8. Which of the following factor does not influence on the rate of evaporation? *

Mark only one oval.

- A. Difference in Vapour Pressure
- B. Surface Area of Evaporator
- C. Viscosity of the solution
- D. Melting Point of the solids

9. What is the problem during evaporation process in climbing film evaporator? *

Mark only one oval.

- A. Entrainment of Liquid
- B. Droplet Formation
- C. Film Formation
- D. Boiling Point of Liquid

13. 10. Which equipment will give porous product at the end of the process of evaporation? *

Mark only one oval.

- A. Climbing Film Evaporator
- B. Vacuum Evaporator
- C. Climbing Film Evaporator
- D. Open Pan Evaporator

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