

BP-502T

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ODD SEMESTER EXAMINATION, 2022-23

COURSE NAME :- B.PHARM

SEMESTER- V

SUBJECT :- INDUSTRIAL PHARMACY I

TIME: 3 HOURS

MAX MARKS:75

NOTE: Attempt all parts.

PART A

ATTEMPT ALL QUESTIONS

10X2=20

1. Find out the example of diluents

- A) Lactose B) Starch C) Mannitol D) All

2. The most commonly used disintegrating agent is

- A) Maize starch B) Tragacanth C) Acacia D) None

3. Magnesium stearate is an example of

- A) Lubricants B) Diluents C) Binder D) All

4. Monsanto is used for measuring

- A) Hardness B) Moisture content C) Content uniformity D) Folding endurance

5. Capsule size varies from

- A) 000-5 B) 000-4 C) 00-5 D) 0-5

6. Dip tube is a component of

- A) Aerosol B) Tablet punching C) Capsule filling D) Granulator

7. Uneven color distribution on the surface of tablets is called as

- A) Mottling B) Chipping C) Lamination D) All

8. Cold cream is

- A) w/o- emulsion B) o/w- emulsion C) o/w/o emulsion D) All of the above

9. The plasticizer used in lipsticks is

A) Lanolin B) Castor oil C) Hard paraffin D) Cocoa butter

10. _____ is the temperature at which the lipstick, lying flat, melts within the case and oozes out oil or flattens out

A) Droop point B) Flash point C) Kraft point D) Cloud point

PART B

ATTEMPT ANY TWO (2) QUESTIONS

2X10

11. Discuss the different granulations techniques used to manufacture tablet.
12. Explain the nature of hard gelatin capsule shell and the filling process of hard gelatin capsules.
13. Explain in brief about the manufacture of Aerosols.

PART C

ATTEMPT ANY SEVEN (7) QUESTIONS

7X5=35

14. Enlist the excipients used in tablet manufacture with example.
15. Write a detail note on solubility studies during pre-formulation.
16. Enlist the various ingredients used in manufacturing of vanishing creams and their significance.
17. Define and classify ophthalmic preparation with example.
18. Write the manufacturing of soft gelating capsules.
19. Enlist the various QC tests performed on tablets.
20. Enumerate the evaluation tests for aerosols.
21. Write a note on sugar coating.
22. What is pelletization process and give note on formulation requirement of pellets.