

PHB Sample Paper

Session: 2022 – 23

Course: D. Pharm Ist Year

Subject: PHARMACEUTICS

Exam: IInd Sessional Question Paper- 1

Attempt all the questions:**(Section: A)****(MCQ) Multiple Choice questions:****[5]****1. Which of the following are variants of Cyclone separator?**

- a. Wet cyclone
- b. Vertical cyclone separator
- c. Dorn clone
- d. All of the above

2. Vaginal Suppositories are called as _____

- a. Pessaries
- b. Implant
- c. Douches
- d. Inserts

3. Cream are basically

- a. Semisolids
- b. Ointment like preparation
- c. Emulsions
- d. None

4. Temperature of disintegration test is

- a. 37 ± 2 °C
- b. 35 ± 2 °C
- c. 36 ± 2 °C
- d. 37 ± 5 °C

5. Rate of filtration are

- a. Driving force x resistance
- b. Driving force / resistance
- c. Driving force + resistance
- d. Pressure upstream – Pressure downstream

Q. B Fill in the blanks:**(5)**

1. FBD stands for _____
2. Paste is semi – solid preparation for _____
3. Suspension to be filtered are _____
4. Freeze dryer work on the principle of _____
5. The unwanted substances left behind of the process of extraction is _____

(Section: B)

Short questions (Attempt any five)

[5x3=15]

1. Differentiate between the liniment and lotion.
2. Write a preparation method and storage of eye drop.
3. Write a limitation of FDTs.
4. Explain working of cyclone separator.
5. Define cream. Explain its types.
6. Write a short note on percolation.

(Section: C)

Long questions (Attempt any three)

[3x5=15]

1. Explain mechanism of filtration and its applications.
2. Write principle, working and uses of Freeze dryer.
3. What are suppositories? Explain its types.
4. Write principle, construction, working and uses of Double cone blender.