MPH-103T

Roll No. | | | | | | | | | | |

ODD SEMESTER EXAMINATION, 2022-23

COURSE NAME :- M.PHARM

SEMESTER- I

SUBJECT :- MODERN PHARMACEUTICS

TIME: 3 HOURS MAX MARKS:75

NOTE: Attempt all parts.

PART A

ATTEMPT ALL QUESTIONS **10X2=20**

1. Which of the following is not a emulsifying agent
   A. Surfactants
   B. Hydrophilic colloid
   C. Electrolytes
   D. Finely divided solids

2. which of the following is not a monophasic liquid dosage form
   A. Solution
   B. Gargles
   C. Suspension
   D. Enemas

3. Imniscibly of oil and water can be overcome by
   A. Fomulating suspension
   B. Formulating emulsion
   C. Formulating an insufflation
   D. Formulating an elixir

4. What is the dispersion of a liquid in another liquid called
   A. Gel
   B. Emulsion
   C. Foam
   D. Aerosol

5. From the below options which will be the most widely used form of dosage.
   A. Emulsion
   B. Solution
   C. Tablets
   D. Powder

6. Suspending agent imparts
   A. Solubility
   B. Viscosity
   C. Absorption
   D. Wetting

7. The term validation in calibration is used for
   A. Equipment
   B. Process
   C. None of the above
   D. All of these
8. Consider the following statements
   A. The location of the food industry should be away from environment polluted area
   B. The location of the food industry should be nearest to the populous area

Which of the above statement is/are correct?

   A. A is correct
   B. B is correct
   C. Both are correct
   D. Neither A or B

9. _____ is a part of a quality system covering the manufacture and testing of active incridients, and finished product
   A. GLP
   B. GMP
   C. GHP
   D. None of the above

10. According to Higuchi model, drug release from porous matrix is directly related to
   A. Time
   B. Squre root of time
   C. Squre of time
   D. Porosity

PART B

ATTEMPT ANY TWO (2) QUESTIONS **2X10=20**

11. Illustrate inventory management and sales forecasting

12. Asunder the methods of drug-excipient interaction

13. Depict the application of heckel plot.

PART C

ATTEMPT ANY SEVEN (7) QUESTIONS **7X5=35**

14. Illustrate an account on plant requirement, manufacturing and evaluation of large volume parenterals.

15. Render ICH and WHO guidelines for calibration and validation of equipment used for the manufacturing of solid dosage form
16. What are parenterals? Routes of administration of parenterals and evaluation of large volume parenteral
17. Demonstrate in detail about preparation and stability of emulsion
18. Summarize in detail validation process for manufacturing tablet
19. Methods used for enhancement of solubility of poor water soluble drugs
20. Allocate pharmaceutical validation and write its merits. Illustrate the general guidelines for the validation and calibration of pharma equipment
21. Dissert the objectives and polices of CGMP. And write the GMP requirements and layout of building, services, equipment, and their maintenance for solid dosage form products
22. Demarcate optimization and elaborate about factorial design and its applications.