

PARUL UNIVERSITY
FACULTY OF PHARMACY
B. Pharm. Winter 2022 – 23 Examination

Semester: 5

Subject Code: BP502T

Subject Name: Industrial Pharmacy-I

Date: 13/10/2022

Time: 10:00 am to 1:00 pm

Total Marks: 75

Instructions:

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)**(20)**

1. Particle size can influence variety of important factors _____.
 - a) Dissolution rate
 - b) Uniform distribution
 - c) Penetrability
 - d) All of the above
2. Which method is used for determination of particle size?
 - a) Sedimentation
 - b) Shake flask method
 - c) Differential Scanning Colorimetry
 - d) Dissolution
3. When powder have good flow property, then angle of repose is _____.
 - a) > 25
 - b) 31 - 35
 - c) 41 – 45
 - d) > 56
4. Which statement is false for BCS class 3 drug substances?
 - a) Drug is dissolved rapidly
 - b) Drug solubility is high
 - c) Drug permeability is limited
 - d) Drug is absorbed rapidly
5. Which tablets are not used in oral cavity?
 - a) Sublingual tablet
 - b) Implantable tablet
 - c) Lozenges
 - d) Dental cones
6. Capsule shell contains _____ % moisture which give flexibility and resistance to mechanical strength.
 - a) 7 - 12
 - b) 12 - 16
 - c) 18 - 20
 - d) 20 - 28
7. PFS is a primary packaging material used for _____ dosage form.
 - a) Tablet
 - b) Syrup
 - c) Aerosol
 - d) Parentral
8. _____ is widely used in chewable tablets as a diluents.
 - a) Calcium diphosphate
 - b) Lactose
 - c) Mannitol
 - d) None of these
9. Which type of containers used for ophthalmic preparations?
 - a) Plastic dropper bottles, glass bottle with dropper, and metal tubes.
 - b) Glass vial and ampoules
 - c) Strip and Alu-Alu pack
 - d) None of the above
10. Following propellant is used in topical aerosols.
 - a) Propellant 17
 - b) Propellant 12
 - c) Propellant 11
 - d) Propellant 118
11. _____ is an additive that causes the tablets to break into small pieces when comes into contact with water.
 - a) Diluents
 - b) Glidants
 - c) Binders
 - d) Disintegrants
12. Metal Particulate test is performed for _____ formulation.
 - a) Eye suspension
 - b) Eye drops
 - c) Eye lotion
 - d) Eye ointment
13. Oily injections are given by _____ route.
 - a) SC route
 - b) IP route
 - c) IM route
 - d) IV route

