



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

WILSON COLLEGE, VADAPATTI

Scheme of Valuation – March 2024

Course	B.Tech./BBA/BCA/BSc/B.Pharmacy/MBA/MCA/M.Tech/Ph.D				
Regulation	R18	Year	I	Semester	I
Branch / Specialization	B.Pharmacy.		Subject Code		18BP003.
Subject Name	Pharmaceutics-I.				
Scheme Prepared by	Dr. / Mr. / Ms.: M.V.Ramanna. Designation: Assistant Professor. Department: Pharmaceutical Sciences.				
Signature					
Date of Exam	06-04-24				
Scheme Submission Date	06-04-24.				

START HERE

Section - A.

1 C

2 A

3 A

4 C

5 B

6 C

7 B

8 A

9 C

10 D

11 C

12 D

13 C

14 D

15 C

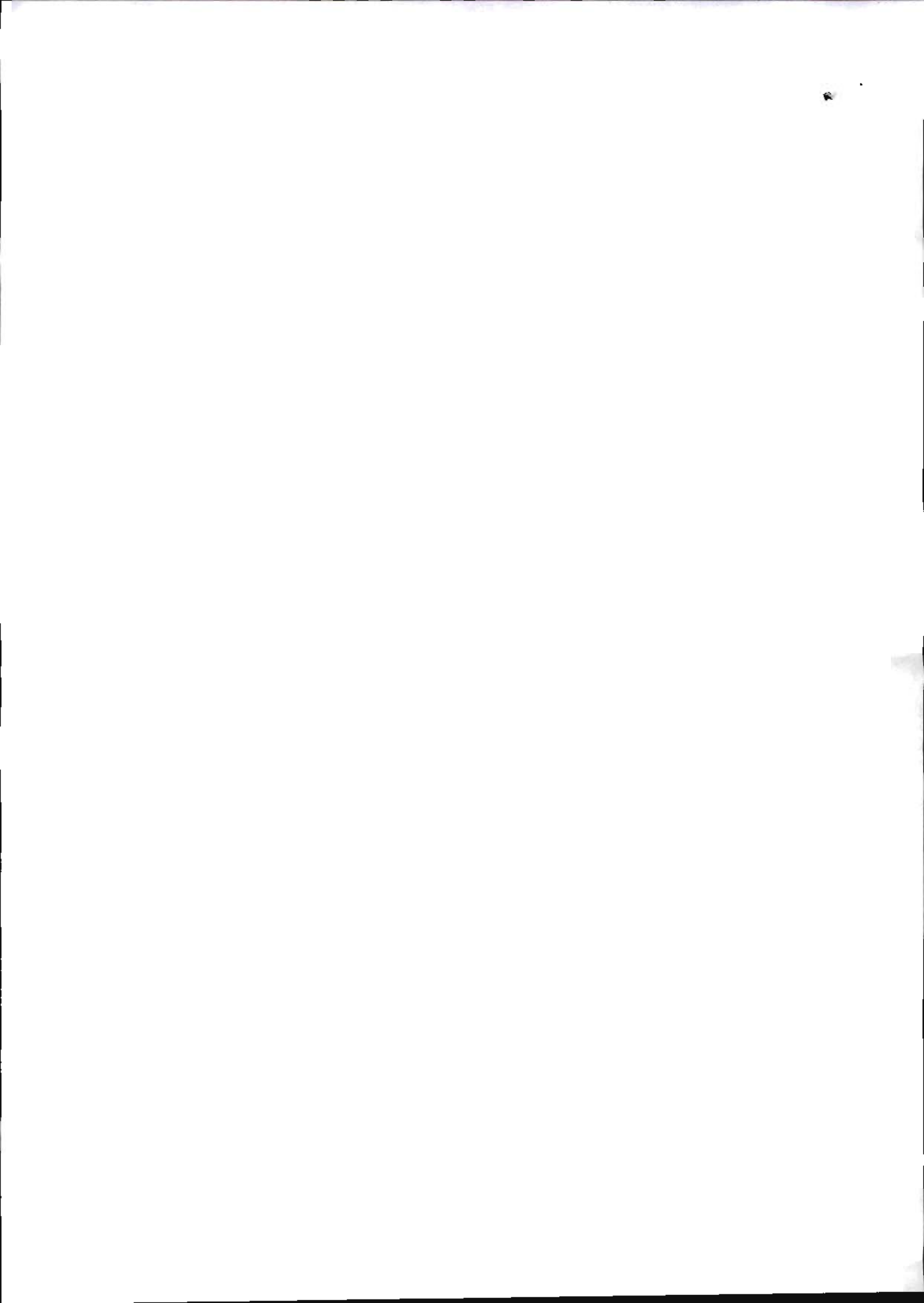
16 B

17 B

18 B

19 C

20 D



Section - B

21. Emulsions are biphasic liquid dosage forms of which one phase is dispersed in another. - 2 M

Types:- o/w & w/o. - 2 M
Multiple emulsions.

Methods:- wet gum method → 6 M
Dry gum method
Bottle shaking method.
Homogenizers.

22. Preparation of ointments:- geometric mixing method } 2 M.
Fusion method.

ointment bases:- oily bases } Each method 2 M.
Hydrocarbon bases.
Emulsification bases.
Water soluble bases.

23. Prescription is an written order by a physician to pharmacist to dispense the medications. → 2 M

Parts of prescription:- superscription, } Each - 2 M.
Inscription
Subscription

Signature.

Superscription contains symbol - R_x

Inscription contains Ingredients and their quantity.

Subscription contains directions to pharmacist

Signature. contains signature.

Section - C

24 :- Dose form contains active pharmaceutical ingredients in a suitable means for administration of patients.

Solid dose forms

Liquid dose forms

Semi solid dose forms.

25. Incompatibility :- Due to interaction of API with inactive ingredients in the formulation alters the physical, chemical or therapeutic properties.

Therapeutic incompatibility is due to synergism or antagonism.

26. - Suspensions are biphasic liquid dose forms. Water insoluble medicaments can be made into suspension with suitable suspending agents.

It is more Bioavailable than table dose forms.

27, :- Amount of Base displaced by API is called displacement value.

28, :- Types of tablets :-

Immediate release tablets.

Sustained release tablets.

Chewable tablets.

Disintegrating tablets.

Effervescent tablets.

29, Classified powders :- Coarse powders, Fine powders
Dusting powders etc.

30, Lotions :- Biphasic liquid dosage form meant for external application
Can't be applied for broken skin.

Liniments :- Biphasic liquid dosage forms meant for external application
Can be applied for broken skin.

31, Suppository dosage forms are cone shape preparation meant for
insertion into body cavity.

Suppository Bases :-

→ Should melt at approx body temperature

→ release medication.

3Q :- Liquid dosage forms $\left\{ \begin{array}{l} \text{Monophasic liquid dosage forms} \\ \text{Biphasic liquid dosage forms} \end{array} \right.$

→ Excipients :- solubilizers, suspending agents,

emulsifying agents, organoleptic excipients.

M.V. Ramana
8/4/21.