

Roll No.....

De-2

Total No. Of Questions :10

Total No. Of printed Pages: 4

PHM- 3.5.2

Qs: a) **Pharmaceutics-V**

B-Pharm 5th Semester,2125

Time allowed: 3 Hours

Maximum Marks: 80

Note:- Section A is compulsory, Attempt any 4 from section B and three from section C

Section-A

- 1 a) Give examples of suspending agents
- b) What is a soft extract
- c) Differentiate between infusion and decoction

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Turn Over

- 2
- d) Give examples of antioxidants.
 - e) Enumerate different types of glass
 - f) Give examples of flavoring agents
 - g) Name few aerosol propellants
 - h) Give uses of foam plasma substitutes
 - i) What are tinctures
 - j) Define suppositories and which drugs can be formulated into them
 - k) Enumerate the standards for eye drops
 - l) Name the solvents used in nail polish and remover

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- m) Give examples of few percutaneous permeation enhancers
- n) What are auxiliary emulsifiers
- o) How liquid dosage forms are protected from heavy metal ions

Section - B

5x4=20

Comment on formulation of baby dusting powder

Comment on dentifrices and lipstick bases

What are clear gels. How are they prepared.

What is concentrated human RBC, Mention its uses

- 6 Which properties are desired of an ideal suppository base.

Section - C

3x10=30

- 7 Discuss the causes of emulsion instability. How are emulsions tested for physical stability
- 8 What are aerosols, What is the advantage of using aerosols, Discuss their quality control tests
- 9 Discuss melting, dissolving and emulsifiable suppository bases
- 10 Discuss the factors influencing permeation of drugs across skin and approaches to enhance the permeation.