

05/01/24

Seat Number

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DAGDU-16

BP103T : Pharmaceutics-I

[711103]

Total Pages : 2]

Time: 3 Hours

Max. Marks : 75

Instructions to Candidates:

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Each questions carries equal marks.
5. Figures to the right indicates full marks

1. Attempt All Questions

20

- a) Give the role of Preservative? 2
- b) What is Suspending agent? Give any two example of it. 2
- c) What is Prescription? 2
- d) What do you mean by Sterilized product means? 2
- e) Define Liniment and Lotion. 2

Attempt all MCQs (One Marks Each)

- f) Subscription is the part which consist of
 - a) symbol Rx b) signature
 - c) Direction to pharmacists d) Body of prescription
- g) Young rule for dose calculation of child is
 - a) surface area /surface area of adult *100
 - b) Age of child /150*adult dose
 - c) Age in years /20dl*adult dose
 - d) age of child /age of cgild +12*adult dose
- h) b.i.d abbreviation means
 - a) two times in a day b) three times in a day
 - c) four times in a day d) five times in a day

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- i) The concentration of sugar in syrup IP
 - a) 85%v/w
 - b) 66.70%v/w
 - c) 85%v/w
 - d) 66.70%W/w
- j) Following are types of physical incompatibilities
 - a) Liquefaction
 - b) immiscibility
 - c) precipitate formation
 - d) all
- k) Which of the following is example of skin penetration "accelerant"....
 - a) DMSO
 - b) gum acasia
 - c) water
 - d) bentonite
- l) Which of the following is example of gelling agent ?
 - a) beeswax
 - b) cellulose derivatives
 - c) hard paraffin
 - d) wool fat
- m) Flocculation occurs in following dosage form
 - a) suspension
 - b) gels
 - c) cream
 - d) paste
- n) cocoa butter is example of
 - a) emulsifying base
 - b) water miscible base
 - c) oilaginousbase
 - d) any other
- o) Melting range test is used for...
 - a) capsule
 - b) injection
 - c) syrup
 - d) suppositories

2. Long Answers (Answer 2 out of 3)

20

- A. What is Monophasic Liquids? Give the Advantages and disadvantages of monophasic liquid dosage forms. Write a short note on Excipients used in the formulation of liquid dosage forms.
- B. Define Emulsion. Give the identification test of it.. Discuss the causes of instabilityof Emulsion.
- C. Define Posology Describe the Factors affecting posology.

3. Short Answers (Answer 7 out of 9)

35

- a) Ointment Bases
- b) Physical Incompatibility
- c) Formulation of Suppositories
- d) Effervescent granules
- e) Parts of prescription
- f) Pharmacy as a Career
- g) Thickening agent
- h) Elixir
- i) Proof Spirit