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Roll No. :

341153(41)

**B. Pharmacy (First Semester) Examination,
Nov.-Dec. 2020**

(PCI Scheme)

(Pharmacy Branch)

PHARMACEUTICS-I

Time Allowed : Three hours

Maximum Marks : 75

***Note : Answer all questions from Section-'A'.
Attempt any two questions from Section-'B'
and seven questions from Section-'C'.***

Section-'A'

(Multiple Choice Questions) 20×1=20

***Note : Attempt all questions. Each question carries
1 mark.***

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1. Choose the correct answer :

(i) Posology is branch of science deals with :

- (a) Dose of drugs
- (b) Quantity of drugs
- (c) Both dose and quantity of drugs
- (d) None of above

(ii) Written below which is the main body of prescription?

- (a) Superscription
- (b) Subscription
- (c) Inscription
- (d) Signatura

(iii) Elixirs are :

- (a) Alcoholic preparation
- (b) Hydro alcoholic preparation
- (c) Aqueous preparation
- (d) Non-Alcoholic preparation

(iv) Physical incompatibility occurs due to :

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(a) Immiscibility

(b) Insolubility

(c) Precipitation

(d) All of above

(v) Proof spirit defined as a mixture of :

- (a) Absolute alcohol and water
- (b) Absolute alcohol and acetone
- (c) Absolute alcohol and chloroform
- (d) None of above

(vi) Theobroma oil come under which type?

- (a) Emulsifying bases
- (b) Water soluble bases
- (c) Fatty bases
- (d) All of above

(vii) Lozenges come under which dosage form?

- (a) Solid dosage form
- (b) Liquid dosage form
- (c) Semi solid dosage form
- (d) All of above

- (viii) Liniments are introduced into:
- Rectum
 - Ear
 - Vagina
 - Skin
- (ix) Particle exist as a separate entity in:
- Flocculated suspension
 - Emulsion
 - Deflocculated suspension
 - Lotion
- (x) Lotion are applied externally:
- With friction
 - Without friction
 - Both (a) and (b)
 - None of above
- (xi) Written below which one not come under ointment preparation method?

- Trituration method
 - Fusion method
 - Compression method
 - Emulsification method
- (xii) Among below which don't come under solid dosage form?
- Tablet
 - Capsule
 - Gel
 - Powder
- (xiii) Which of the following is not used as Emulsifying agent?
- Acacia
 - Tragacanth
 - Methyl cellulose
 - Starch
- (xiv) All of the following liquids are for external use except:

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- (a) Syrup
 - (b) Lotion
 - (c) Gargles
 - (d) Liniment
- (xv) Techniques of increasing Solubilisation :
- (a) Cosolvency
 - (b) Micronization
 - (c) Surface active agent
 - (d) All of above
- (xvi) Dry Gum method is manufacturing method for :
- (a) Ointment
 - (b) Emulsion
 - (c) Suspension
 - (d) Suppositories
- (xvii) Efflorescent powders means :
- (a) Lose water to atmosphere
 - (b) Gain water from atmosphere

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- (c) Both (a) and (b)
 - (d) None of the above
- (xviii) Simple syrup IP contain :
- (a) 66.7% w/w
 - (b) 70% w/w
 - (c) 62% w/w
 - (d) 55% w/w
- (xix) Pharmacopela is a :
- (a) Journal
 - (b) Magazine
 - (c) Paper
 - (d) Book
- (xx) Creams are viscous semisolids usually :
- (a) Solution
 - (b) Emulsion
 - (c) Suspension
 - (d) All of above

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Section-'B'

(Long Answer Type Questions) 2×10=20

Note : Answer any two questions. Each question carries 10 marks.

2. Define Prescription. Discuss various parts of prescription. Discuss about source of error found in Prescription.
3. Define Emulsion. Write about identification test for Emulsion. What are the different instability found in emulsion?
4. Define Dosage form, explain various Dosage form with suitable examples.

Section-'C'

(Short Answer Type Questions) 7×5=35

Note : Answer any seven questions. Each question carries 5 marks.

5. Discuss briefly about Pharmacy as a career.

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6. Distinguish between Flocculated suspension and Non-flocculated suspension.
7. Write in brief about History of Indian Pharmacopeia with its salient features.
8. Discuss about Physical Incompatibility with examples.
9. Define the Powder. Discuss different methods of Mixing of powder.
10. Define Posology. Write about any five factor affecting Posology.
11. Describe various factor affecting the dermal penetration of Drugs.
12. Write short notes on calculation by alligation method.
13. Define Suppositories. Write about advantage and disadvantage of Suppositories.

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