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**PHARMD**  
**(SEM I) THEORY EXAMINATION 2021-22**  
**PHARMACEUTICS**

**Time: 3 Hours****Total Marks: 70****Notes:**

- Attempt all Sections and Assume any missing data.
- Appropriate marks are allotted to each question, answer accordingly.

SECTION-A	Attempt All of the following Questions in brief	Marks (7X2=14)
Q1(a)	Explain dose selection for childrens.	
Q1(b)	Discuss compound powder.	
Q1(c)	Explain the use of isotonic solution.	
Q1(d)	Discuss the role of Calamine lotion.	
Q1(e)	Discuss the criteria for selection of surgical instrument.	
Q1(f)	Explain the use of Boric acid suppositories.	
Q1(g)	How to formulate and categorize the dosage?	

SECTION-B	Attempt ANY THREE of the following Questions	Marks (3X7=21)
Q2(a)	What is the concept of pharmaceutics? Explain its role in the industry.	
Q2(b)	Define incompatibility. Discuss the various types of incompatibilities with example.	
Q2(c)	Explain biphasic liquid dosage forms. Write in detail about the formulation of suspensions.	
Q2(d)	Describe the historic background and development of pharmacy.	
Q2(e)	Explain various surgical aids and their usage for various purposes.	

SECTION-C	Attempt ANY ONE following Question	Marks (1X7=7)
Q3(a)	Describe the process and preparation of experiment on Piperizine citrate elixir BP.	
Q3(b)	Describe the process and preparation of experiment on Paracetamol elixir BPC.	

SECTION-C	Attempt ANY ONE following Question	Marks (1X7=7)
Q4(a)	Describe the theoretical aspects of formulation of monophasic dosage with suitable example.	
Q4(b)	Describe the advantages and disadvantages of Biphasic dosage forms.	

SECTION-C	Attempt ANY ONE following Question	Marks (1X7=7)
Q5(a)	What is Suppositories and which type of base is required in its preparation? Explain the method of preparation in detail.	
Q5(b)	Explain the evaluation method and quality control during preparation and development.	

SECTION-C	Attempt ANY ONE following Question	Marks (1X7=7)
Q6(a)	Explain the role of Pharmaceutical calculations and its impact on the quality of formulation process.	
Q6(b)	What do understand by the term liniments? Describe its usage with suitable examples.	

SECTION-C	Attempt ANY ONE following Question	Marks (1X7=7)
Q7(a)	Write the various adjuvant used in the formulation of oral liquid dosage forms	
Q7(b)	Discuss in detail to Convert 70% of Alcohol to proof spirit with suitable example and its use.	