

**DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY**

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(Internal Assessment I)**

<b>CLASS: B. PHARM.</b>		<b>SEMESTER: I</b>
<b>BRANCH: PHARMACY</b>		<b>SESSION: MO 2025</b>
<b>SUBJECT: BP103T PHARMACEUTICS I</b>		
<b>TIME: 2.00 Hour</b>		<b>FULL MARK: 30</b>

**PART I**

<b>A. Objective type questions (Answer all questions)</b>	<b>(5 x02=10 marks)</b>	<b>CO</b>
1. Define suspension.		CO1
2. Define emulsion.		CO1
3. What is full form of PCI?		CO1
4. Which test is generally conducted to get scholarship from the government to do postgraduate studies in pharmacy?		CO1
5. Why patent act, DPCO & FERA was introduced by government in year 1970?		CO1

**PART II**

<b>B. Long Answers (Answer any one out of two)</b>	<b>(01x10=10 marks)</b>	<b>CO</b>
1. Discuss the handling of prescription in detail.		CO3
2. What do you mean by posology and discuss the factors affecting posology in detail.		CO3

**PART III**

<b>C. Short Answers (Answer any two out of three)</b>	<b>(02x05=10 marks)</b>	<b>CO</b>
1. What is the dose of a drug for a child that weighs 66 pounds, if the dose is stated as 2.5mg/kg body weight?		CO2
2. Calculate the dose for a 5 year old boy, 12 months baby, 43 kg patient to a paracetamol (Adult dose is 500 mg).		CO2
3. Discuss the various components of prescription in detail.		CO2

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