

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of _____ <b>Summer Term / Backlog Examination – July - August 2024</b> [Programme:BPT] [Semester:8] [Batch:]				
Course Title: Clinical Reasoning & Evidence Based Physiotherapy			Max Marks: 100	
Course Code: BPHY8003			Time: 3 Hrs.	
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>		<b>5 Marks each</b>		
1.	Describe the key components of clinical reasoning in physiotherapy practice.	2	1	5
2.	Given a patient with chronic lower back pain, demonstrate how you would apply the PICO	3	3	5
3.	Explain the importance of evidence-based practice in physiotherapy and how it improves patient outcomes.	3	2	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
4.	Discuss the role of critical appraisal in evidence-based physiotherapy.	2	1	10
5.	A patient with patellofemoral pain syndrome is referred to you. Apply the principles of clinical reasoning to develop a comprehensive treatment plan.	3	2	10
6.	Using an example of a patient with plantar fasciitis, illustrate how you would implement an evidence-based approach to manage their condition.	4	3	10
7.	Identify and explain three common barriers to implementing evidence-based practice in physiotherapy.	6	5	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
8.	Analyze a case with post-stroke hemiplegia is not showing expected progress. Outline the steps you would take to re-evaluate and adjust the treatment plan based on evidence-based practice principles.	6	4	15
9.	You are presented with a patient who has sustained a rotator cuff injury. Describe how you would use clinical reasoning to determine the appropriate physiotherapy interventions for this patient.	5	5	15
10	Using a recent peer-reviewed journal article, outline the steps you would take to integrate the findings into your clinical practice for treating patients with knee osteoarthritis.	6	6	15