JHARKHAND Rai University
RANCHI

End Semester/Reappear (Semester VI) Examination May 2025

Programme:BPT
Course: Physiotherapy in Cardiopulmonary Conditions **Full Marks: 70**
Course Code: 23A603 **Time: 3 Hrs.**
Enrolment no. _____

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
	Section I			
1	**Short Answer type questions.**			**4 x 5 = 20**
a	Write a short note on Incentive Spirometry.	CO2	Remember	
	or			
	Write about Biochemical test In ICU.	CO2	Remember	
b	Write a Short note on Multiple Organ Failure.	CO3	Remember	
	or			
	Write a Short note on CABG.	CO3	Remember	
c	Write about Drugs to treat Bronchospasm.	CO2	Remember	
	or			
	Write about Significance of Controlled Mobilization to increase Lung Volume.	CO2	Apply	
d	Write a short note on Nasopharyngeal Suctioning.	CO3	Remember	
	or			
	Write about physiotherapy treatment of Vitiligo.	CO3	Remember	
	Section II			
Long Answer type questions.				**3 x 10 = 30**
2	Discuss in detail about the exercise tolerance test and its application in diagnosing cardiac and pulmonary pathological conditions.	CO1	Apply	
	or			
	Explain about Pulmonary function test (PFT).Write down the classification of lung disorders into obstructive and restrictive on the basis of PFT values and graph.	CO1	Understand	
3	Explain about Physiotherapy in Renal Failure.	CO3	Apply	
	or			
	Explain Pulmonary Rehabilitation.	CO3	Apply	
4	Explain Role of Physiotherapy in Neonatal ICU.	CO2	Analyze	
	or			
	Difference between anatomical and physiological difference between adult and pediatric cardiorespiratory system.	CO2	Remember	
	Section III			
Application based questions.				**1 x 20 = 20**
5	Analyze Relation Between Neuromuscular Diseases and Cardio-respiratory Complication.	CO3	Analyze	
	or			
	Explain in detail on how the respiratory diseases can affect the shape of thoracic cage, its normal movement and the muscles associated with respiration.	CO3	Analyze	

COURSE OUTCOME

At the end of the course candidate will able to

CO1: Understand relevant investigations technique which will help to diagnosed various cardiothoracic conditions.

CO2: Integrate theoretical knowledge with clinical assessment.

CO3: Demonstrate clinical decision making ability and treat different respiratory and cardiac condition.