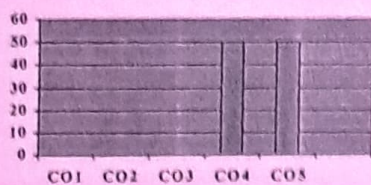


10	Choose the technique which is used to extract the background of an image a) Background subtraction b) Chamfer matching c) Correspondence search d) Foreground subtraction	1	1	5	1
PART B					
Section B1 (2 x 4 = 8 marks)					
Answer ANY 2 Questions					
11	How the Objects are found using Voting on Relations between Templates?	4	2	4	1
12	What are the methods involved in Background Subtraction?	4	1	4	1
13	With relevant example, brief about Hidden Markov Model.	4	2	4	1
Section B2 (2 x 4 = 8 Marks)					
Answer ANY 2 Questions					
14	What are the Challenges in face detection and recognition techniques?	4	2	5	3
15	Mention the role of Particle Filters in image Processing.	4	1	5	3
16	How the Chamfer Matching helps to detect object in images?	4	2	5	3
PART C (2 x 12 = 24 marks)					
17 (a)	Explain how the line is detected in a given image based on Hough Transform	12	3	4	1
OR					
17 (b)	Explain how objects are detected through template matching.	12	3	4	1
18 (a)	Explain in detail the complete cycle of analysis of Human Gait with relevant diagram.	12	3	5	3
OR					
18 (b)	Describe how the views of images are combined from multiple cameras located at different distance and orientation.	12	3	5	3

Course Outcome (CO) and Bloom's level (BL) Coverage in Questions

CO Coverage (%)



Bloom's Level (%)

