

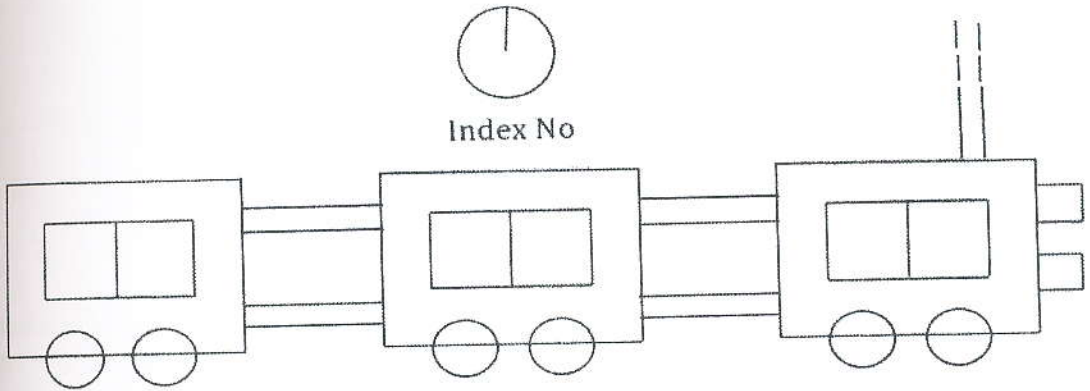


EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE -2012/2013
FIRST SEMESTER (May / June., 2016)
CS 351 - PRACTICAL WORK ON CS 301
(PROPER)

ANSWER ALL QUESTIONS

TIME: TWO HOURS

- 1)
 (i) Create the shape as given below using *Digital differential analyzer* (DDA) algorithm and *midpoint circle* algorithm. Instead of *Index No* print your index no.



- (ii) Include C++ program code for the following cases:
 a. To move the train in the right side;
 b. To rotate the line, inside the circle at the top (clock-wise rotation with rotation angle, $\theta=15^\circ$).
- (iii) In addition to that, generate some C++ code to create animation. (Train should move continuously in right side and the line should rotate up to 360°)

***** End *****