

TECHNO FUTURE

RAMADAN ROBOTICS LEAGUE



TASK NAME: OBSTACLES

TASK DESCRIPTION:

Starting from the starting point let your robot move to get the ball and hold it,

Then go backward to the starting point to face object 1, move forward avoiding it, then move around it to face object 2, then avoid it with the same manner facing object 3. After avoiding object 3 let the robot return to the starting point to place the ball.

MARKS DISTRIBUTION:

- 1) Getting the ball..... (5 marks)
- 2) Returning to the start point (5 marks)
- 3) Facing object 1, not hitting it & moving around it..... (10 marks)
- 4) Facing object 2, avoiding it & moving around it to face object 3..... (10 marks)
- 5) Avoiding object 3 and moving around it..... (10 marks)
- 6) Detecting the starting point..... (5 marks)
- 7) Dropping the ball..... (5 marks)

NUMBER OF ALLOWED TRIALS: 3 trials.

ESTIMATED TIME: 2 minutes for each trial.

NOTE: The Team which will accomplish the task faster will get a bonus of 5 marks.

TASK GROUND:

