

# TECHNO FUTURE

## RAMADAN ROBOTICS LEAGUE



### TASK NAME: SWEEP AREA

### TASK DESCRIPTION:

- Robot will start from any of the starting point.
- The ground contain **NINE** for placing objects at most **Five** of them will have objects placed on them, these places are equally separated by 40 degree.
- The objects will be randomly placed.
- The two opponent team will face the same number of objects but with **different places** at the same trial
- The robot goal is to clean the area by pushing the objects outside the circle perimeter

### MARKS DISTRIBUTION:

- 1) Locating objects by using degrees..... (5 marks) for each
- 2) Locating objects by connecting line... (5 marks) for each
- 3) Pushing objects outside the circle..... (5 marks) for each

NUMBER OF ALLOWED TRIALS: 3 trials.

ESTIMATED TIME: 2 minutes for each trial.



