

**1-What is the work of gripper? (ANS IS B )**

- (A) Move the manipulator arm and end effector
- (B) For holding a piece or tool
- (C) Both A and B
- (D) None of above

**2-Radial movement (in & out) to the manipulator arm is provided by (ANS IS A)**

- (A) Elbow extension
- (B) Wrist bend
- (C) Wrist swivel
- (D) Wrist yaw

**3- Basic categories of grippers are ?(ANS IS D)**

- (A) Mechanical
- (B) Magnetic
- (C) Pneumatic
- (D) All of the above

**4-Which of the following is the type of robot? (ANS IS C)**

- (A) Limited Sequence
- (B) Playback robot
- (C) Both A and B
- (D) None of the above

**5-Planar manipulator can only sweep .....? (ANS IS A)**

- (A) 2D space
- (B) 3D space
- (C) 1D space
- (D) None of the above