1. Draw figure using drawing and modifying command.

**PRACTICAL PROBLEM:- 1**

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| **Fig.1(a)** |
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| **Fig.1(b)** |
| * Open the drafting software and create a new drawing. * Click on the line command and draw a line using two points. * Click on the circle command and draw a circle using center and radius option.  |  | | --- | |  | | **Fig.1(c)** | | * Click on the offset command and draw the parallel offset. * Use the trim command to trim a unwanted line and circle part.  |  | | --- | |  | | **Fig.1(d)** | | * Click on the linear dimension command and add a dimension to the line. * Click on the radius dimension command and add a dimension to the circle. * Click on the arc dimension command and a dimension to the arc.  1. Draw figure using drawing and modifying command  |  | | --- | |  | | **Fig.2(a)** | | * Click on the circle command and draw a circle using center and radius option. * Click on the line command and draw a line using two points. | | |  |  | | --- | |  | | **Fig.2(b)** | |  | | **Fig.2(c)**    **Fig.2(d)** | | * Click on the parematric & select the tangent command and draw the tangent. * Use trim command and remove a unwanted line and circle parts. * Click on the linear dimension command and add a dimension to the line. * Click on the radius dimension command and add a dimension to the circle.  1. Draw figure using drawing and modifying command  |  | | --- | |  | | **Fig.3(a)**    **Fig.3(b)**    **Fig.3(c)**   * Draw a rectangle using the rectangle command and smooth corner edges with help of fillet command or at the center of rectangle draw a circle using center point circle command. * Use the mirror command to create a mirrored copy of drawing object. * Use the trim command to trim a drawing object to a specified boundary. * Click on array rectangle command and draw the equally distance & parallel to each other rectangle on inside the object.  |  | | --- | |  | | **Fig.3(d)** | |  | | **Fig.3(e)** | | * Click on the text command and write the text on object or adjust front size & align the text at a center. * Click on the linear dimension command and add a dimension to the line. * Click on the radius dimension command and add a dimension to the circle. * Click on the arc dimension command and a dimension to the arc. | | | |  |   **Signature** |