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**Instructor: Sir Junaid Arshad Batch: 12**

**Program: BE Electrical Semester: 6th**

**Name/Roll no: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Time: 18minutes.**

***Quiz***

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1. To begin drawing a new object in Solidworks you must go through the following sequence.
2. Select file > new > part
3. Select file > new > drawing
4. Select file > open > part
5. Select file > open > drawing
6. Select file > part > open
7. The sketches tab has all of the following tools except which one?
8. Line
9. Extrude
10. Smart dimension
11. Circular pattern
12. Text
13. To begin a sketch in Solidworks the first thing you must do is?
14. Dimension the lines
15. Lay out a faint line before darkening in it in.
16. Create a set of points that the lines will go through
17. Select the plane that you will draw on.
18. None of the above
19. To what should your first sketch be referenced to?
20. There is no object present to reference it to
21. Origin
22. Axis
23. Center line
24. None of the above
25. How do you fully define a sketch?
26. Type in the coordinates for each point based off of the x, y, z coordinates
27. Put in a note the description of the object you are trying to make.
28. Place enough dimensions on the sketch so that no point could move away from its present location
29. Place as many dimensions on the sketch that could be possible no matter if the dimension is driven or not
30. Identify your object as the shape that is.
31. What visual indication is there that a sketch is fully defined?
32. Lines blink rapidly
33. All dimensions disappear
34. Dimensions become yellow
35. Lines become black
36. A note pops up saying “object is fully defined “ in large red letters appears and it displays a fireworks show to indicate how great you did on the sketch
37. When sketching what are the little green boxes with different symbols in them called.
38. Relations
39. Mates
40. Identifying markers
41. Green flashes
42. Distractors
43. Once you are finished with your sketch the next step is to click on what?
44. The red X
45. Features tab
46. Exit sketch
47. Done
48. Please let me continue
49. The features tab includes all of the following except what?
50. Revolved
51. Extruded
52. Trim entities
53. Swept
54. Linear pattern
55. If you wanted to take your sketch and give it depth in one direction which features tool would you see?
56. Revolved
57. Swept
58. Lofted
59. Extruded
60. Fillet