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

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

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

**Time: 18 minutes**

***Quiz***

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1. If you wanted to take your sketch and make it travel around an axis what features tool would you see?
2. Revolved
3. Swept
4. Lofted
5. Extruded
6. Fillet
7. If you have created two sketches that intersect each other (a profile and path) that are intended for the profile to follow the path what features tool would you use?
8. Revolved
9. Swept
10. Lofted
11. Extruded
12. Fillet
13. If you had created multiple planes with planes with each plane having a different sketch, and you wanted to connect all of the sketches together as one feature what features tool would you use?
14. Revolved
15. Swept
16. Lofted
17. Extruded
18. Fillet
19. What tool would you use to round off the corners of an object?
20. Chamfer
21. Features
22. Fillet
23. Dome
24. This is an impossible task
25. You have to have one of these to sketch on.
26. Sphere
27. Point
28. Axis
29. Corner
30. Plane
31. If you have to change a features size that was determined in the sketch you should do what?
32. Delete the feature then edit the sketch
33. Delete the feature and the sketch and start over
34. Edit the sketch
35. You have to start the whole object over
36. Quit because the program is stupid
37. If a feature tool is not working what is the most likely issue?
38. There is an error in the sketch
39. The sketch is not fully defined
40. The sketch is not labeled properly
41. The process is going to cause the software to think too much
42. The program just wants to frustrate you
43. What should you do to be able to identify one feature from another feature? For example if you had 100 extruded features.
44. Just remember the order you created each part
45. Change the color of each feature
46. Delete less important extruded features
47. Label each extruded piece with a descriptor of that piece
48. What is the correct comparison between an extruded (revolved, lofted, and swept) and extruded cut (revolved cut, lofted cut, swept cut)?
49. An extruded features adds material; an extruded cut divides the features into equal pieces.
50. An extruded features adds material; an extruded cut removes material
51. An extruded features adds material; an extruded cut hurts the material
52. An extruded features demands respect; an extruded cut is submissive to the feature
53. None of the above
54. When a part is created what do you need to create to show someone else how to build your object?
55. Create an assembly
56. Go back into sketch mode
57. Create a drawing
58. Write out descriptors with text on your object
59. Talk each person through your design that wants to know