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	M	odule Detail	
SECTOR:			
SUB-SECTOR:			
COMPETENCE			
RTQF LEVEL:	Level 6	Date:	/ 2023
	GROUP M	ASSIGNMENT II EMBERS (REG NUMBER	
2	2 3		
1. What is an oriş	gin		
, <u> </u>	intersection of the three default ref	Perence planes into a sketch at a single location of a	an external entity
, -	object made up of a feature	_	•

- 2. Which tool would you use to cut a hole through the object?
- a) Extrude cut tool

d) Both A & B

- b) Fillet tool
- c) Trim tool
- 3. What is the first thing you should set up before sketching in Solidworks?
- a) ISO

- b) Units
- c) ANSI
- d) Nothing

4. What special piece of sketch geometry is useful, but not required for a revolve feature?

- a) An arc
- b) An extrude cut
- c) A centerline
- d) A centerpoint

5. What is the command to move a sketch onto a different plane?

- a) Edit, Copy
- b) Features, Loft
- c) View, Planes
- d) Edit Sketch Plane

6. Explain What is axis

- a) A straight line that can be used to create model geometry, feature, or patterns, Can be made in a number of different ways, including using the intersection of two planes
- b) Repeats selected entities, features or components in a an array, which can be linear, circular, or sketch-driven
- c) When there are not enough dimensions and relations to prevent entities from moving or changing size
- d) All of Above

7. To what should your first sketch be referenced to?

- a) There is no object present to reference it to
- b) Origin
- c) Axis
- d) Center line
- e) None of the Above

8. What is a Base

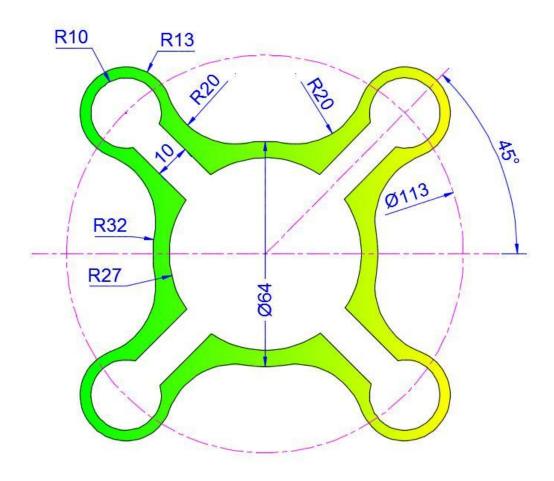
- a) Any part or sub-assembly within assembly
- b) A sketch used to create a feature or a drawing view; can be open or closed
- c) The first solid feature or a part, created by a boss
- d) None of the above

9. This feature bevels a selected edge or vertex

- a) Slice
- b) Fillet
- c) Section
- d) Chamfer

10. Create the sketch below by using MMGS as unit

- a) Calculate the Outer perimeter
- b) Calculate the Inner perimeter



12. Create the 3D Mode of the parts on pictures below.

Calculate the overall mass inGrams if the material is Titanium. (Use MMGS as unit)

PART 1 Grams

