**WEEK 9: Assignment**

1. The maximum distance between a vertex to all other vertices is called as the **\_** eccentricityof vertex.
2. The minimum eccentricity from all the vertices is considered as the radius of the graph G.
3. The maximum eccentricity from all the vertices is considered as the diameterof the graph G.
4. The **c**enterof a graph (G) is the set of vertices of graph eccentricity equal to the graph radius.
5. The number of edges in the longest cycle of ‘G’ is called as the circumference of ‘G’.

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| Words | | |
| circumference | diameter | center |
| radius | girth | eccentricity |