

Name _____

What Is The Largest Known Galaxy?

Multiple Choice Questions

1. What class of galaxy does IC 1101 belong to?
 - a) Spiral galaxy
 - b) Dwarf galaxy
 - c) cD galaxy
 - d) Elliptical galaxy

2. Approximately how many times larger is IC 1101 compared to the Milky Way in terms of diameter?
 - a) 10 times larger
 - b) 50 times larger
 - c) 100 times larger
 - d) 1,000 times larger

3. What is the estimated age of IC 1101?
 - a) 100 million years
 - b) 1 billion years
 - c) 10 billion years
 - d) 100 billion years

4. What unique environment does IC 1101 inhabit within the universe?
 - a) It floats alone in intergalactic space.
 - b) It is located in the outskirts of a galaxy cluster.
 - c) It is at the center of the Abell 2029 galaxy cluster.
 - d) It resides in a cosmic void.

5. Why is IC 1101 of great interest to astronomers?
 - a) Because it is the only galaxy in the universe.
 - b) Because it challenges our understanding of galaxy formation and evolution.
 - c) Because it is the closest galaxy to Earth.
 - d) Because it is the smallest known galaxy.

