

## GALAXIES QUIZ

**1. An AGN is powered by..?**

- a) Radiation from star formation
- b) Supernova
- c) Matter falling into a black hole

**2. What do you call AGNs that are moving away from us at extremely fast rates..?**

- a) Seyfert
- b) Blazars
- c) Quasars

**3. The local group of galaxies includes..? (select all that apply)**

- a) Milky Way
- b) Andromeda
- c) Magellanic Clouds
- d) Triangulum Galaxy

**4. What do you call AGNs that have jets pointing towards Earth..?**

- a) Seyfert
- b) Blazars
- c) Quasars

**5. True or False? Many groups of galaxies are part of a larger cluster.**

- a) True
- b) False

**6. What is an AGN?**

- a) Active Galactic Nucleus
- b) A Galactic Neutron
- c) A Green Neutron

**7. Which of these are galaxies in the Hubble Tuning Fork diagram?**

- a) E, S, SB
- b) E, I, S, SB
- c) E, I, E, I, O

**8. What do you call AGNs that have bright spectral emission lines caused by either the accretion disc or from highly ionized gas around the nucleus..?**

- a) Seyfert
- b) Blazars
- c) Quasars

**9. True or False - Many galaxies are part of a group**

- a) True
- b) False

**10. True or False - Many groups of galaxies are part of a larger cluster**

- a) True
- b) False

**ANSWERS**

1. (c)

2. (c)

3. (a) (b) (c) (d)

4. (b)

5. (a)

6. (a)

7. (a)

8. (a)

9. (a)

10. (a)