

AstroWikipediaAstronomy2

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Saturday 3rd November, 2018



Latex markup at

<https://en.wikiversity.org/wiki/special:permalink/1863369>

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1 Quiz



1. What is this? ¹
 - A. the magnetic field of Venus
 - B. colliding galaxies
 - C. a supernovae remnant
 - D. the magnetic field of Saturn
 - E. a dying star**
2. An active galaxy is emitting a significant amount of its energy from ____²
 - A. magnetism
 - B. gravity**
 - C. nuclear fusion
 - D. nuclear fission
 - E. exploding stars
3. Wihlem Conrad Rontgen, a pioneer in X-rays is famous for his photo of ³
 - A. a double star
 - B. his wife**
 - C. Barnard's star
 - D. The Sun
 - E. a supernovae
4. Earth based infrared observatories tend to be located in⁴
 - A. underground
 - B. where the air is cold
 - C. where the air is dry**
 - D. near the equator
 - E. near the north and south poles
5. The shortest wavelength of electromagnetic radiation is associated with⁵
 - A. X-rays
 - B. blue light
 - C. infrared
 - D. gamma rays**
 - E. ultra violet



6. What are the blue things in this figure?⁶
- A. a globular cluster
 - B. an open cluster of stars
 - C. a cluster of galaxy
 - D. one galaxy**
 - E. none of these is correct
7. Most of the _____ that astronomers observe from Earth is seen in the form of synchrotron radiation, which is produced when electrons oscillate around magnetic fields.⁷
- A. meteors
 - B. photons
 - C. radio waves**
 - D. energy
 - E. meteorites
8. Most gamma rays are⁸
- A. in bursts**
 - B. from cold stars
 - C. from the Sun
 - D. the Andromeda galaxy
 - E. from hot stars
9. Studies in the infrared are useful for objects that are⁹
- A. associated with supernovae
 - B. in our own galaxy
 - C. cold**
 - D. inside the solar system
 - E. in other galaxies
10. The best place to observe neutrinos is ¹⁰
- A. underground**
 - B. near the north and south poles
 - C. near the equator
 - D. where the air is dry
 - E. where the air is cold

2 Attribution

Notes

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