

Astronomy Review Questions

1. What is a large group of stars, dust and gas called?

- a) Solar system
- b) Quasar
- c) Galaxy
- d) Pulsar

2. What type of galaxy is this?

- a) Spiral
- b) Elliptical
- c) Irregular
- d) Galaxy Quest



3. What color are the hottest stars?

- a) Red
- b) Yellow
- c) Blue
- d) White

4. What object cannot be observed directly by scientists because light can't escape it?

- a) Quasar
- b) Neutron Star
- c) Pulsar
- d) Black Hole

5. What stage do most stars spend their life as?

- a) Red Giant
- b) White Dwarf
- c) Red Supergiant
- d) Main Sequence

6. Which of these terms describes the amount of light given off by a star that reaches Earth?

- a) Apparent Magnitude
- b) Absolute Magnitude

Use the H-R Diagram to answer questions 7 & 8.

7. Which are the brightest stars on the H-R diagram?

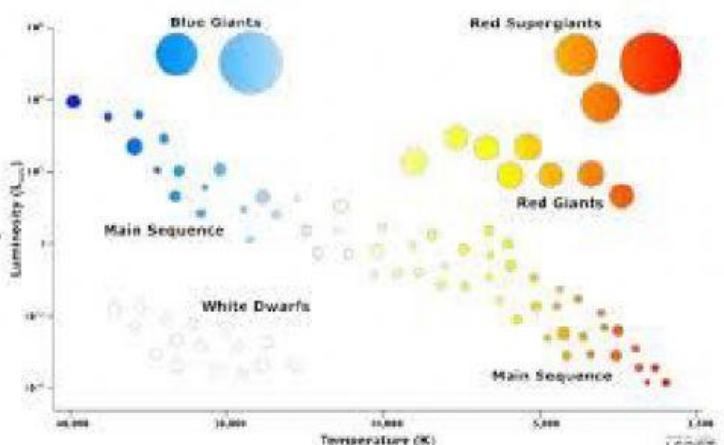
- a) Giants
- b) Main Sequence
- c) Super Giants
- d) White Dwarfs

8. Where are the dimmest stars on the H-R Diagram?

- a) Left
- b) Right
- c) Top
- d) Bottom

9. What is the core of a dead, low-mass star called?

- a) White Dwarf
- b) Red Dwarf
- c) Blue Dwarf
- d) Yellow Dwarf



10. What is a cloud of gas and dust in space called?

- a) Dirty
- b) Nova
- c) Nebula
- d) Supernova

11. What type of star is our sun?

- a) Red Giant
- b) White Dwarf
- c) Neutron Star
- d) Main Sequence

12. In its next stage, the Sun will become a

- a) Supergiant
- b) Giant
- c) White Dwarf
- d) Main Sequence

13. What process is generating massive amounts of light and heat in stars?

- a) Fission
- b) Fusion
- c) Funyon
- d) Fanion

14. A light year measures

- a) Distance
- b) Time
- c) Temperature
- d) Brightness

15. Use the diagram below to answer the following question. Which constellation will people see when earth is in Position 1?

- a) Constellation A
- b) Constellation B
- c) Both Constellations A and B
- d) Neither Constellations A nor B

