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

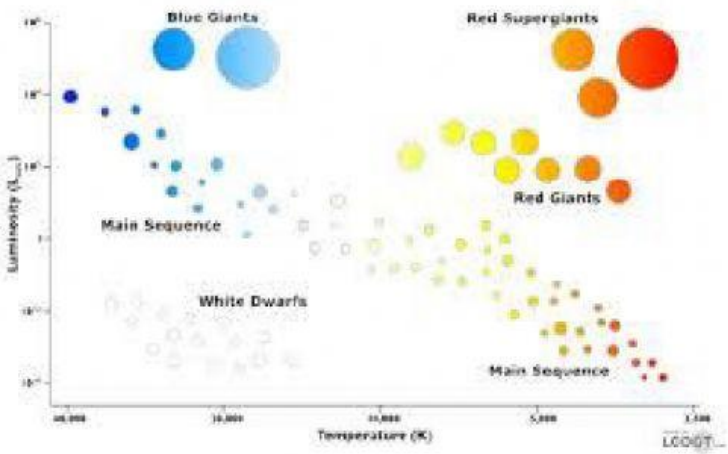
3. What color are the hottest stars?
   a) Red
   b) Yellow
   c) Blue
   d) White

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

