

EVOLUTION OF STARS QUIZ

1. Which of these are associated with the birth of stars (select more than one)..?

- a) Emission nebulae
- b) Absorption Nebulae
- c) Planetary Nebulae
- d) Open Clusters
- e) Supernovae remnants

2. Which of these are associated with the death of stars (select more than one)..?

- a) Emission nebulae
- b) Absorption Nebulae
- c) Planetary Nebulae
- d) Open Clusters
- e) Supernovae Remnants

3. Nebula can be both bright and dark areas of space. What do nebula consist of?

- a) Charged Particles
- b) Rock and ice
- c) Gas and Dust

4. What will happen to a star of less than 4 solar masses?

- a) It will become a neutron star
- b) It will become a white dwarf
- c) It will become a black hole

5. What will happen to a star of between 4 to 25 solar masses?

- a) It will become a neutron star
- b) It will become a white dwarf
- c) It will become a black hole

6. What will happen to a star of over 25 solar masses?

- a) It will become a neutron star
- b) It will become a white dwarf
- c) It will become a black hole

7. Which of these are NOT direct evidence of black holes?

- a) Accretion disc
- b) Redshift spectrum
- c) Orbiting binary Companions
- d) X-Rays

ANSWERS

1. (a) (b) (d)

2. (c) (e)

3. (c)

4. (b)

5. (a)

6. (c)

7. (b)