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## Exercise E3: Seasonal Constellations

Student name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

*Check the box with the correct answer.*

**Question 1:** Virgo is considered to be a spring constellation in the northern hemisphere because:

- a. it appears over the eastern horizon at midnight in springtime.
- b. it is highest in the southern sky at midnight in springtime.
- c. it is in the western sky in the early evening in the spring.
- d. the Sun is found in Virgo in the spring.

**Question 2:** Which of the following is not a constellation of the zodiac?

- a. Scorpius
- b. Orion
- c. Leo
- d. Aries

**Question 3:** Which of the following celestial objects is NOT always found near the constellations of the zodiac?

- a. Mars.
- b. The Moon.
- c. Jupiter.
- d. Pluto.

**Question 4:** Which statement regarding celestial objects seen at the poles is false?

- a. All stars seen from the South Pole are circumpolar.
- b. All stars are visible over the course of a year from the poles.
- c. Planets rise above the horizon and set below it.
- d. Stars can be seen for 24 hours a day from the North Pole in January.

**Question 5:** What is the maximum angular measure that a star at this latitude could possess in order to be considered a circumpolar star?

- a. 35 degrees
- b. 95 degrees
- c. 45 degrees
- d. 65 degrees