

## OBSERVING THE SKY QUIZ

**1. What is the equivalent of celestial longitude?**

- a) Eccentricity
- b) Declination
- c) Right Ascension

**2. 0 degrees Right Ascension is also known as..?**

- a) Equatorial Declination
- b) The First Point of Aries
- c) Declination minus 0

**3. Ursa Major is a circumpolar constellation from which of these locations?**

- a) UK
- b) India
- c) Australia

**4. What is the ecliptic?**

- a) The angle in which the Earth is tilted
- b) The line between the Earth and Moon
- c) The line between the Earth and Sun that the planets appear to follow

**5. True or False? A circumpolar star is one seen from one location all year long.**

- a) True
- b) False

**6. True or False? If you stood at the North Pole and looked up, Polaris would appear directly above you.**

- a) True
- b) False

**7. Which of these are useful for a naked eye observing session (tick more than one)?**

- a) Red torch
- b) Clipboard
- c) Pencil/rubber
- d) Warm clothes

**8. What is the term for looking slightly away from an object to better detect light from it?**

- a) Dark-adapted eye
- b) Relaxed eye
- c) Averted vision

**9. What is the term for not straining our eyes and placing less stress on them?**

- a) Dark-adapted eye
- b) Relaxed eye
- c) Averted vision

**10. What is the term for the time it takes for your eyes to get used to the dark?**

- a) Dark-adapted eye
- b) Relaxed eye
- c) Averted vision

**11. What are star trails?**

- a) The natural movement of stars in the sky
- b) Patterns of light from stars in long exposure photographs
- c) The image in your head when you look at stars and spin around lots

**12. The Sun moves in the sky from..?**

- a) East to West
- b) West to East
- c) North to South

**13. When viewed from above the North Pole, Earth rotates from..?**

- a) East to West
- b) West to East
- c) North to South

**14. Which of these means the imaginary line in the sky between the observer's Pole and Zenith?**

- a) Latitude
- b) Horizon
- c) Meridian

**ANSWERS**

1. (c)

2. (b)

3. (a)

4. (c)

5. (a)

6. (a)

7. (a) (b) (c) (d)

8. (c)

9. (b)

10. (a)

11. (b)

12. (a)

13. (b)

14. (c)