

Team Number: _____

Score:

Team Name: _____

NSO Astronomy C Event 2012 – Answers Section A

1. (A) _____ (B) _____

2. (A) _____ (B) _____

3. (A) _____ (B) _____

4. (A) _____ (B) _____

5. (A) _____ (B) _____

6. (A) _____ (B) _____

7. (A) _____ (B) _____

8. _____

9. _____

10. (A) _____ (B) _____

11. (A) _____ (B) _____ (C) _____

12. (A) _____ (B) _____

13. _____

14. _____

15. (A) _____ (B) _____

16. _____

17. (A) _____ (B) _____

18. (A) _____ (B) _____

19. (A) _____ (B) _____

20. _____

Team Number: _____

Score:

Team Name: _____

NSO Astronomy C Event 2012 – Answers Section B

1. (A) _____ (B) _____ (Years) (C) _____ (AU) (D) _____ (Kelvin)

(E) _____

2. (A) _____ (B) _____ (C) _____ (D) _____ (E) _____

3. (A) _____ (B) _____

(C) _____

4. (A) _____ (B) _____ (C) _____ (Kelvin)

5. (A) _____ (B) _____

6. (A) _____ (B) _____ (Seconds) (C) _____ (D) _____ (M/M_{\odot})

7. (A) _____ (B) _____ (C) _____ (D) _____ (Days) (E) _____

(F) _____

8. (A) _____ (B) _____ (C) _____ (D) _____

9. (A) _____ (B) _____

(C) _____ (D) _____, (E) _____

10. (A) _____ (B) _____ (C) _____

11. (A) _____ (B) _____

(C) _____

12. (A) _____ (B) _____ (C) _____, _____ (D) _____

13. (A) _____, _____ (B) _____ (C) _____ (D) _____

(E) _____ (F) _____ (M/M_{\odot}) (G) _____ (Years)

14. _____

Team Number: _____

Team Name: _____

Score:

NSO Astronomy C Event 2012 – Answers Section C.

Note: Use Scientific Notation Where appropriate.

1. (A) _____ (Light Years) (B) _____ (Apparent Mag.) (C) _____ (Absolute Mag.)

(D) _____ (Arcminutes) (E) _____ (Kilometers)

2. _____ (Megaparsecs)

3. _____ (Arcseconds)

4. _____ (Parsecs)

5. (A) _____ (Parsecs) (B) _____ (Times) (C) _____ (km/s)

6. (A) _____ (M/M_{\odot}) (B) _____ (M/M_{\odot}) (C) _____ (kg/m^3)

(D) _____

7. _____ (Parsecs)

8. _____ (B-V)

9. _____ (Radians/Sec)

10. (A) _____ (Kelvin) (B) _____ (L/L_{\odot})