

Team Number: \_\_\_\_\_

Team Name: \_\_\_\_\_

Total Score: /127
Section Score: /57

**NSO Astronomy C Event 2013 – Answers Section A**

1. (A) \_\_\_\_\_, \_\_\_\_\_ (B) \_\_\_\_\_

2. (A) \_\_\_\_\_ (B) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

3. (A) \_\_\_\_\_ (B) \_\_\_\_\_, \_\_\_\_\_

4. (A) \_\_\_\_\_ (B) \_\_\_\_\_

5. \_\_\_\_\_

6. (A) \_\_\_\_\_ (B) \_\_\_\_\_, \_\_\_\_\_

7. \_\_\_\_\_

8. (A) \_\_\_\_\_ (B) \_\_\_\_\_, \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. (A) \_\_\_\_\_ (B) \_\_\_\_\_, \_\_\_\_\_

12. (A) \_\_\_\_\_ (B) \_\_\_\_\_

13. (A) \_\_\_\_\_, \_\_\_\_\_ (B) \_\_\_\_\_, \_\_\_\_\_

14. \_\_\_\_\_

15. (A) \_\_\_\_\_ (B) \_\_\_\_\_

16. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_

17. (A) \_\_\_\_\_ (B) \_\_\_\_\_

18. \_\_\_\_\_

19. (A) \_\_\_\_\_ (B) \_\_\_\_\_

20. \_\_\_\_\_, \_\_\_\_\_

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Score: /21
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**NSO Astronomy C Event 2013 – Answers Section B**

21. (A) \_\_\_\_\_ (B) \_\_\_\_\_

(C) \_\_\_\_\_

22. (A) \_\_\_\_\_ (B) \_\_\_\_\_

\_\_\_\_\_

23. (A) \_\_\_\_\_, \_\_\_\_\_ nanometers (B) \_\_\_\_\_

24. \_\_\_\_\_

25. (A) \_\_\_\_\_ (B) \_\_\_\_\_

26. \_\_\_\_\_ AU

27. \_\_\_\_\_ km/s

28. \_\_\_\_\_ Solar Masses

29. \_\_\_\_\_ Solar Radii

30. \_\_\_\_\_ Solar Radii

31. \_\_\_\_\_ kpc

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Score: /23
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**NSO Astronomy C Event 2013 – Answers Section C**

32. \_\_\_\_\_

33. \_\_\_\_\_ %

34. \_\_\_\_\_  
\_\_\_\_\_

35. \_\_\_\_\_

36. \_\_\_\_\_

37. \_\_\_\_\_

38. \_\_\_\_\_

39. \_\_\_\_\_

40. \_\_\_\_\_

41. \_\_\_\_\_

42. \_\_\_\_\_

43. \_\_\_\_\_

44. \_\_\_\_\_

45. \_\_\_\_\_

Team Number: \_\_\_\_\_

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Score: /26
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**NSO Astronomy C Event 2013 – Answers Section D**

46. \_\_\_\_\_ **W/m<sup>2</sup>**

47. \_\_\_\_\_ **Solar Luminosities**

48. \_\_\_\_\_ **Years**

49. \_\_\_\_\_ **kpc**

50. \_\_\_\_\_  
\_\_\_\_\_

51. \_\_\_\_\_ **Joules**

52. \_\_\_\_\_ **km/s**

53. \_\_\_\_\_  
\_\_\_\_\_

54. \_\_\_\_\_ **Mpc**

55. \_\_\_\_\_ **Kelvin**

56. \_\_\_\_\_ **Solar Radii**

57. \_\_\_\_\_

58. \_\_\_\_\_ **Kelvin**