

Team name: _____ Team number: _____

Answer Page: Section A

- | | |
|--------------------|---------------|
| 1. (a) _____ | 11. (a) _____ |
| (b) _____ | (b) _____ |
| (c) _____ | (c) _____ |
| | (d) _____ |
| 2. (a) _____ | 12. (a) _____ |
| (b) _____ | (b) _____ |
| | |
| 3. _____ | 13. (a) _____ |
| | |
| 4. (a) _____ | (b) _____ |
| (b) _____ | |
| 5. (a) _____ | 14. _____ |
| (b) _____ | |
| 6. (a) _____ (A-E) | 15. (a) _____ |
| (b) _____ (A-E) | (b) _____ |
| (c) _____ (A-E) | |
| 7. (a) _____ | 16. (a) _____ |
| (b) _____ | (b) _____ |
| | |
| 8. (a) _____ | 17. (a) _____ |
| (b) _____ | (b) _____ |
| (c) _____ | |
| | |
| 9. (a) _____ | 18. (a) _____ |
| (b) _____ | (b) _____ |
| (c) _____ | |
| (d) _____ | |
| 10. (a) _____ | 19. _____ |
| (b) _____ | |
| (c) _____ | 20. (a) _____ |
| | (b) _____ |
| | (c) _____ |

Name: _____ Team Number: _____

Answer Page: Section B

- 21. (a) _____ Parsecs
- (b) _____ Watts
- (c) _____ Kelvin
- (d) _____ Solar Radii
- (e) _____

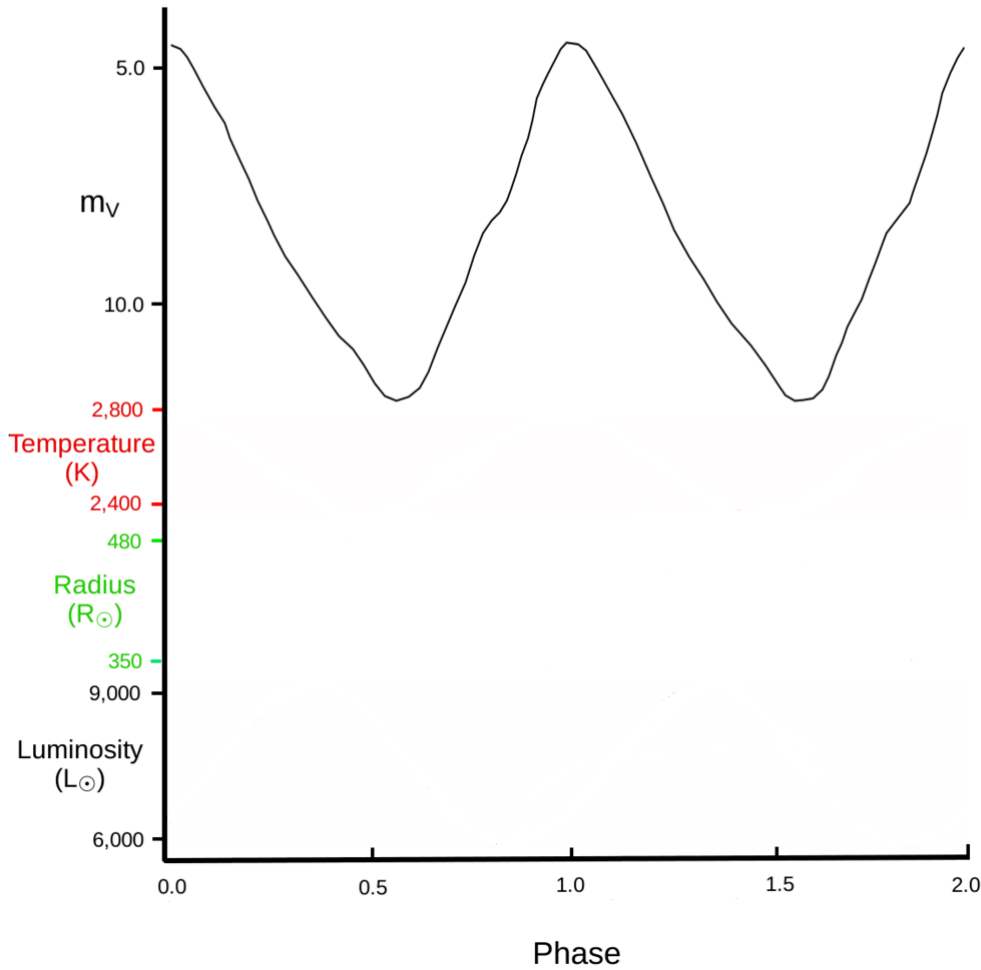
- 22. (a) _____
- (b) _____ Km/s
- (c) _____ Mpc
- (d) _____ Arcseconds
- (e) _____

- 23. (a) _____ Kelvin
- (b) _____ Watts
- (c) _____ Solar Radii
- (d) _____

Answer Page: Section C

24. (a) _____ days
 (b) _____ times brighter

(c) χ Cygni pulsations



25. (a) _____ Solar Mass
 (b) _____ AU
 (c) Star A: _____ Km
 Star B: _____ Km
 (d) Star A: _____ Km / s
 Star B: _____ Km / s

26. (a) _____ $\text{Kg} * \text{m}^2$
- (b) _____ $\text{Kg} * \text{m}^2$
- (c) _____ Days
- (d) _____ Solar Luminosities