

Massachusetts State B Division Science Olympiad

Reach for the Stars

March 25, 2000

Answer Section

TEAM NAME & NUMBER _____

TEAM MEMBER NAMES: _____

Instructions:

Place all of your answers on these pages. Any answers placed on the question pages or star charts will not be counted.

The Part 1 is the identification portion of the event. You are not allowed to have any resources during Part 1. You will answer the questions based on the 3 star charts provided. Since the description for this event states exactly which stars, constellations, and deep sky objects you are required to know, the correct number of responses in Part 1 will be used as a tie-breaker. You have 20 minutes for Part 1.

At the end of 20 minutes the answer pages for Part I will be collected. If you finish with Part 1 sooner, you may turn in the answer pages for Part 1 and start on Part 2. You have 30 minutes for Part 2. Place all answers on the answer pages. You may use any resources you have for Part 2.

May the Stars Be Shinning on You!

PART 1:

A.

1. (a) _____

(b) _____

2. (a) _____

(b) _____

(c) _____

3. (a) _____

(b) _____

(c) _____

4. (a) _____

(b) _____

5. (a) _____

(b) _____

(c) _____

(d) _____

(e) _____

(f) _____

(g) _____

6. (a) _____

(b) _____

(c) _____

(d) _____

(e) _____

7. (a) _____

(b) _____

(c) _____

(d) _____

(e) _____

8. (a) _____

(b) _____

(c) _____

9. (a) _____

(b) _____

(c) _____

(d) _____

(e) _____

(f) _____

10. (a) _____

(b) _____

(c) _____

11. (a) _____

(b) _____

(c) _____

B.

- 1. (a) _____
(b) _____
- 2. (a) _____
- 3. (a) _____
(b) _____
(c) _____
- 4. (a) _____
(b) _____
- 5. (a) _____

C.

- 1. (a) _____
(b) _____
(c) _____
- 2. (a) _____
- 3. (a) _____
(b) _____
- 4. (a) _____
- 5. (a) _____
- 6. (a) _____
- 7. (a) _____
- 8. (a) _____
(b) _____
- 9. (a) _____
(b) _____
- 10. (a) _____
- 11. (a) _____
- 12. (a) _____
(b) _____
- 13. (a) _____
- 14. (a) _____

- 15. (a) _____
(b) _____

PART 2:

A

1. _____
2. _____
3. _____
4. _____
5. _____
6. (a) _____
(b) _____
(c) _____
(d) _____
(e) _____
(f) _____
(g) _____
(h) _____

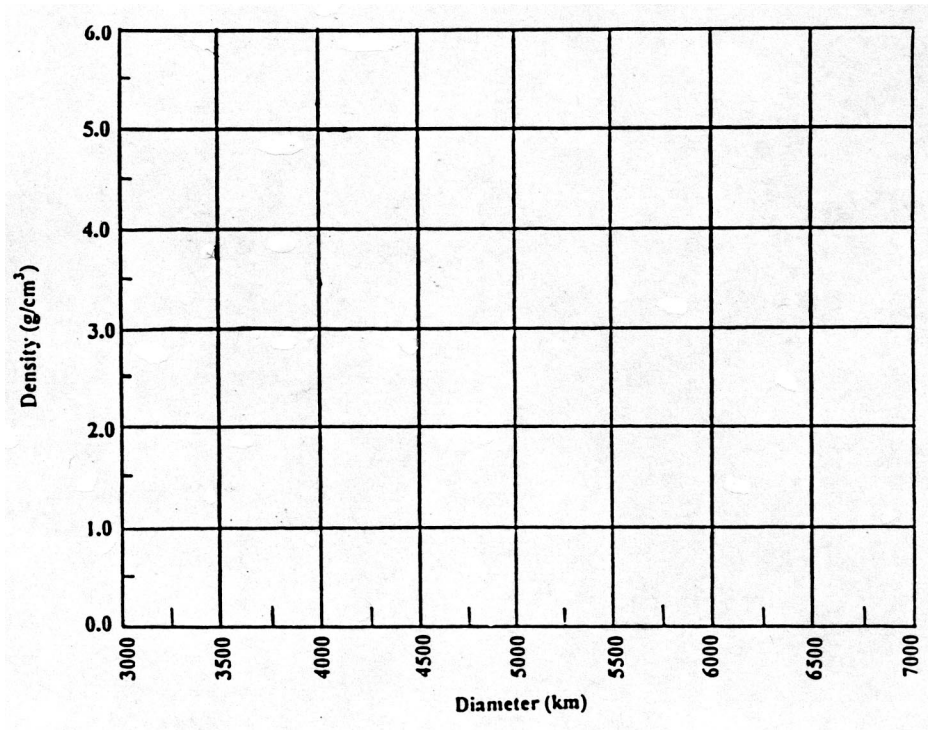
B.

1.

- A. _____
 - B. _____
 - C. _____
 - D. _____
 - E. _____
 - F. _____
 - G. _____
 - H. _____
 - I. _____
 - J. _____
 - K. _____
 - L. _____
 - M. _____
 - N. _____
 - O. _____
 - P. _____
 - Q. _____
 - R. _____
 - S. _____
2. (a) _____
(b) _____
 3. (a) _____
(b) _____

C.

1.



2.

3. (a)
(b)

4.

D.

1.

2.

3. (a)
(b)

4.

5.