

Anatomy and Physiology - Division C Answer Sheet

University of Georgia Science Olympiad Invitational 2019



Written by Sophia Velasco, University of Florida

Team Number: _____

Team Name: _____

Total Points: _____ **Rank:** _____

Instructions and Clarifications:

- You have **50** minutes to finish this exam.
- You **may** split the exam but you are responsible for placing the pages back in order. The page numbers are located in the lower right corner of each page for your convenience.
- Tiebreakers are labeled as **TB#**. There are **5** tiebreakers in this exam.
- Write your **team number** on every page of the answer sheet.
- Anything written on the exam will **not** be graded. Only the **answer sheet** will be graded.
- If you have any questions or comments about the exam, feel free to email me at velasco.scienceolympiad@gmail.com. **Happy testing!**



I. Integumentary System

Multiple Choice

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

Classification

1. _____
2. _____
3. _____
4. _____
5. _____

6. _____
7. _____
8. _____
9. _____
10. _____

Short Answer

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Labeling

1.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____

2.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____

Image-Based Questions

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

- 7. _____
- 8. _____
- 9. _____
- 10. _____

Pathology

1.

- a. _____
- b. _____

2.

- a. _____
- b. _____

3.

- a. _____
- b. _____

4.

- a. _____
- b. _____



II. Skeletal System

Multiple Choice

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

Labeling

1.

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

I. _____

J. _____

K. _____

L. _____

M. _____

N. _____



2.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____
- J. _____

- K. _____
- L. _____
- M. _____
- N. _____
- O. _____
- P. _____
- Q. _____
- R. _____
- S. _____
- T. _____

3.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____
- J. _____
- K. _____
- L. _____

- M. _____
- N. _____
- O. _____
- P. _____
- Q. _____
- R. _____
- S. _____
- T. _____
- U. _____
- V. _____



Image-based Questions

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Pathology

1.
 - A. _____
 - B. _____
 - C. _____
 - D. _____
 - E. _____

2.
 - A. _____
 - B. _____
 - C. _____
 - D. _____
 - E. _____



III. Muscular System

Multiple Choice

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

True or False

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Diagram-based Question: Each is worth **one** point.

- | | | |
|----------|----------|-----------|
| 1. _____ | 5. _____ | 9. _____ |
| 2. _____ | 6. _____ | 10. _____ |
| 3. _____ | 7. _____ | |
| 4. _____ | 8. _____ | |

Origin, Insertion and Function

- | | |
|----------|----------|
| A. _____ | F. _____ |
| B. _____ | G. _____ |
| C. _____ | H. _____ |
| D. _____ | I. _____ |
| E. _____ | J. _____ |



Diagram-based Part 2

- A. _____

- B. _____

- C. _____

- D. _____

- E. _____

- F. _____

- G. _____

- H. _____

- I. _____

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____



Labeling

1.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____
- J. _____
- K. _____
- L. _____

- M. _____
- N. _____
- O. _____
- P. _____
- Q. _____
- R. _____
- S. _____
- T. _____
- U. _____
- V. _____
- W. _____

2.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____



Pathology

1.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____

2.

- A. _____
- B. _____

- C. _____
- D. _____
- E. _____