

Biology Study Guide Key Module 1 – Module 16

Module 1 – 63 points possible

1. 27 points
2. 4 points
3. 2 points
4. 1 point
5. 1 point
6. 1 point
7. 5 points
8. 1 point
9. 1 point
10. 1 point
11. 7 points
12. 1 point
13. 1 point
14. 1 point
15. 2 points
16.
 - a. 3 points
 - b. 4 points

Module 2 – 63 points possible

1. 14 points (1 pt / letter)
2. 8 points
3. 8 points
4. 1 point
5. 1 point
6. 4 points
7. 1 point
8. 1 point
9. 1 point
10. 1 point
11. 3 points
12. 2 points
13. 2 points
14. 2 points
15. 2 points
16. 2 points
17. 5 points
18. 5 points (1 pt / letter)

Module 3 – 59 points possible

1. 23 points (1 pt / letter)
2. Bonus – no real answer
3. 2 points (-0.25 for extras listed)
4. 2 points
5. 2 points
6. 2 points
7. 3 points
8. 3 points
9. 2 points
10. 2 points
11. 2 points
12. 2 points
13. 1 point
14. 2 points
15. 2 points
16. 2 points (1 pt / purpose; 1 pt / phyla)
17. 3 points
18. 1 point
19. 2 points
20. 1 point

Module 4 – 72 points possible

1. 14 points (1 pt / letter)
2. 12 points (6 pt – 1 pt / common; 6 pt – 1 pt / some)
3. 1 point
4. 2 points
5. 4 points (1 pt / part)
6. 2 points
7. 2 points
8. 6 points
9. 5 points (1 pt / stage with description)
10. 3 points
11. 2 points
12. 2 points
13. 2 points
14. 2 points
15. 3 points
16. 1 point
17. 1 point
18. 1 point
19. 1 point
20. 1 point
21. 4 points
22. 1 point

Module 5 – 71 points possible

1. 25 points (1 pt / letter)
2. 3 points (1 pt / part)
3. 1 point
4. 1 point
5. 2 points
6. 1 point
7. 4 points
8. 3 points (1 pt / letter)
9. 1 point
10. 1 point
11. 2 points
12. 3 points (1 pt / letter)
13. 5 points (1 for formula, 1 / item needed)
14. 1 point
15. 1 point (-0.25 for extras listed)
16. 2 points
17. 1 point (-0.25 for extras listed)
18. 2 points
19. 3 points
20. 1 point
21. 2 points
22. 1 point
23. 3 points
24. 1 point
25. 1 point

Module 6 – 103 points possible

1. 45 points (1 pt / letter)
2. 7 points (1 pt / organelle)
3. 2 points
4. 1 point
5. 1 point
6. 4 points (1 pt / organelle)
7. 8 points (1 pt / organelle)
8. 11 points
9. 3 points
10. 2 points
11. 1 point
12. 1 point
13. 7 points
14. 1 point
15. 4 points
16. 1 point
17. 2 points
18. 1 point
19. 1 point

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Module 7 – 73 points possible

1. 23 points (1 pt / letter)
2. 4 points (1 pt / letter)
3. 2 points (1 pt / letter)
4. 1 point
5. 1 point
6. 2 points
7. 2 points
8. 4 points
9. 4 points (1 pt / letter)
10. 1 point
11. 1 point
12. 2 points
13. 8 points (1 pt / phase)
14. 1 point
15. 3 points
16. 3 points
17. 2 points
18. 2 points
19. 2 points
20. 1 point
21. 1 point
22. 2 points
23. 1 point

Module 8 – 66 points possible

1. 24 points (1 pt / letter; except "i" = 4 pts)
2. 3 points (1 pt / letter)
3. 1 point
4. 6 points (1 pt/%, 1 pt/ genotype, 1 pt/ phenotype)
5. 1 point
6. 1 point
7. 5 points (1 pt/allele, 1 pt/genotype)
8. 2 points
9. 8 points (1 pt/ phenotype, 1 pt/%)
10. 2 points
11. 1 point
12. 1 point
13. 1 point
14. 2 points
15. 1 point
16. 4 points (1 pt/ blood type, 1 pt/%)
17. 2 point
18. 1 point

Module 9 – 41 points possible

1. 7 points (1 pt / letter)
2. 1 point
3. 1 point
4. 1 point
5. 1 point
6. 1 point
7. 1 point
8. 1 point
9. 2 points
10. 8 points (2 pts / each data set)
11. 4 points (2 pts / creature, 2 pts / explanation)
12. 2 points
13. 4 points
14. 1 point
15. 1 point
16. 1 point
17. 1 point
18. 1 point
19. 1 point
20. 1 point

Module 10 – 53 points possible

1. 13 points (1 pt / letter)
2. 1 point
3. 8 points (1 pt / organism)
4. 2 points (1 pt / letter)
5. 6 points (1 pt / relationship, 1 pt / explanation)
6. 1 point
7. 1 point
8. 1 point
9. 1 point
10. 2 points
11. 3 points
12. 2 points
13. 2 points
14. 4 points
15. 1 point
16. 1 point
17. 2 points
18. 2 points

Module 11 – 79 points possible

1. 31 points (1 pt / letter)
2. 1 point
3. 4 points (1 pt / letter)
4. 1 point
5. 2 points
6. 1 point
7. 1 point
8. 1 point
9. 2 points
10. 1 point
11. 1 point
12. 1 point
13. 1 point
14. 17 points (1 pt / letter)
15. 2 points
16. 1 point
17. 2 points
18. 1 point
19. 1 point
20. 1 point
21. 1 point
22. 5 points (1 pt / letter)

Module 12 – 83 points possible

1. 12 points (1 pt / letter)
2. 5 points (1 pt / feature)
3. 10 points (1 pt / letter)
4. 14 points (1 pt / letter)
5. 9 points (1 pt / stage: pericardial sinus > heart thru an opening > heart pumps blood thru blood vessels > vessels dump into body cavities > gravity cause blood to flow to sternal sinus > blood collected by returning blood vessels > blood passes thru gills > blood passes thru green glands > blood ends up back in pericardial sinus)
6. 1 point
7. 2 points
8. 1 point
9. 1 point
10. 1 point
11. 2 points
12. 5 points (1 pt / characteristic)
13. 3 points
14. 1 point
15. 1 point
16. 4 points (1 pt / characteristic)
17. 1 point
18. 1 point
19. 4 points (1 pt / type)
20. 5 points (1 pt / letter)

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Module 13 – 107 points possible

1. 26 points (1 pt / letter)
2. 6 points (1 pt / letter)
3. 1 point
4. 2 points
5. 1 point
6. 1 point
7. 1 point
8. 1 point
9. 1 point
10. 2 points
11. 1 point
12. 1 point
13. 1 point
14. 1 point
15. 2 points
16. 2 points
17. 14 points (1 pt / letter)
18. 14 points (1 pt / organ func)
19. 10 points (1 pt / letter)
20. 10 points (1 pt / classification)
21. 6 points (1 pt / characteristic)
22. 2 points
23. 1 point

Module 14 – 76 points possible

1. 17 points (1 pt / letter)
2. 1 point
3. 1 point
4. 3 points (1 pt / letter)
5. 18 points (3 pts / letter)
6. 6 points (1 pt / letter)
7. 1 point
8. 1 point
9. 2 points
10. 1 point
11. 1 point
12. 4 points (1 pt / region)
13. 2 points (1 pt / letter)
14. 1 point
15. 1 point
16. 1 point
17. 2 points
18. 2 points
19. 2 points
20. 1 point
21. 1 point
22. 2 points
23. 1 point
24. 1 point
25. 2 points
26. 1 point

Module 15 – 73 points possible

1. 16 points (1 pt / letter)
2. 5 points
3. 2 points
4. 2 points
5. 2 points
6. 2 points
7. 2 points
8. 2 points
9. 2 points
10. 1 point
11. 2 points
12. 1 point
13. 2 points
14. 2 points
15. 10 points (1 pt / letter)
16. 1 point
17. 1 point
18. 2 points
19. 1 point
20. 2 points
21. 2 points
22. 6 points (2 pts / part)
23. 1 point
24. 3 points
25. 1 point

Module 16 – 67 points possible

1. 9 points (1 pt / letter)
2. 5 points (1 pt / characteristic)
3. 3 points (1 pt / organism)
4. 9 points (1 pt / letter)
5. 3 points (1 pt / function)
6. 1 point
7. 2 points
8. 6 points (1 pt / letter)
9. 6 points (1 pt / characteristic)
10. 1 point
11. 2 points
12. 1 point
13. 1 point
14. 2 points
15. 1 point
16. 1 point
17. 3 points
18. 1 point
19. 5 points
20. 1 point
21. 1 point
22. 1 point
23. 2 points