

Science of Life Study Guide

5 pages + 5-page Answer KEY

Name _____ Date _____

SCIENCE OF LIFE STUDY GUIDE

1. How do scientists support their ideas?

2. What are 4 important things scientists could be doing to support their ideas?

3. Why is it important to understand science?

4. Explain the difference between hypotheses, theory, and law.

5. List the steps in the scientific method.

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6. Describe the difference between dependent and independent variables.

7. Explain a controlled experiment. The group that is left alone is the _____.

8. Answer the question for the table below.

9. Cytology

10. Surface morphology

11. List the 7 components of life.

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12. Surface morphology

13. Explain how the 7 components of life are related to each other.

14. Explain how the 7 components of life are related to each other.

15. Explain how the 7 components of life are related to each other.

16. Explain how the 7 components of life are related to each other.

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25. Explain how the 7 components of life are related to each other.

26. Explain how the 7 components of life are related to each other.

27. Explain how the 7 components of life are related to each other.

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Biology

28. Explain the Law of Conservation of Mass.

29. Label the diagram below as cell, organelle, tissue, or organ.

Refer to the diagram below for the following questions.

30. Which organelle is responsible for the most energy for growth? _____

31. Which organelle is responsible for the most energy for growth? _____

32. Which organelle is responsible for the most energy for growth? _____

33. Which organelle is responsible for the most energy for growth? _____

34. Which organelle is responsible for the most energy for growth? _____

35. Which organelle is responsible for the most energy for growth? _____

36. Which organelle is responsible for the most energy for growth? _____

37. Which organelle is responsible for the most energy for growth? _____

38. Which organelle is responsible for the most energy for growth? _____

39. Which organelle is responsible for the most energy for growth? _____

40. Which organelle is responsible for the most energy for growth? _____

41. Which organelle is responsible for the most energy for growth? _____

42. Which organelle is responsible for the most energy for growth? _____

43. Which organelle is responsible for the most energy for growth? _____

44. Which organelle is responsible for the most energy for growth? _____

45. Which organelle is responsible for the most energy for growth? _____

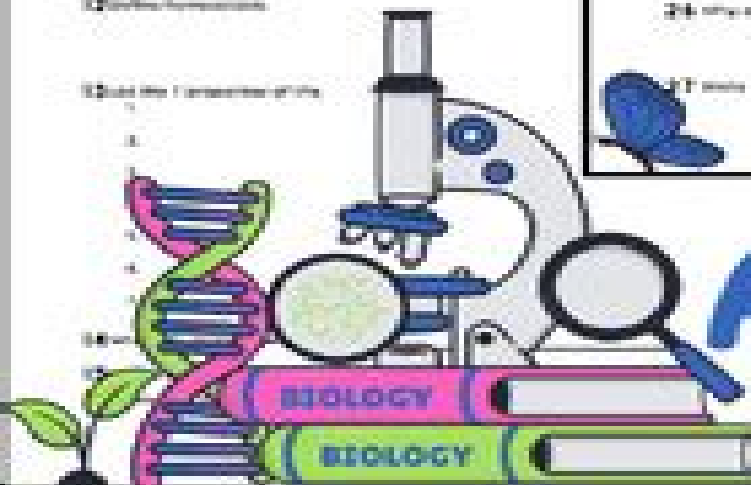
46. Which organelle is responsible for the most energy for growth? _____

47. Which organelle is responsible for the most energy for growth? _____

48. Which organelle is responsible for the most energy for growth? _____

49. Which organelle is responsible for the most energy for growth? _____

50. Which organelle is responsible for the most energy for growth? _____



ANSWER KEY INCLUDED

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