

Biology (8th/9th)

All Questions from ch# 1 and 2.

ch# 1

Questions

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| <u>Q1.</u> Define Science. | 02 |
| <u>Q2.</u> Define Biology. What are 3 major divisions of biology? | 02 |
| <u>Q3.</u> Describe the branches of biology. | 03 |
| <u>Q4.</u> Describe the relationship of biology with other sciences. | 04 |
| <u>Q5.</u> Describe the major careers in the field of biology. | 05 |
| <u>Q6.</u> Describe some Quranic instructions which reveal the study of life. | 06 |
| <u>Q7.</u> Describe the contribution of Muslim Scientists in the field of biology. | 07 |
| <u>Q8.</u> Describe the level of organization of life. | 07 |
| <u>Q9.</u> Describe various types of cellular organization in living organisms. | 10 |

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Exercise Questions

Biology

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ch # 2

Questions

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- Q1. What do you mean by scientific method? 20
- Q2. What is biological method? What is its role in scientific research? 20
- Q3. How do you say that man has always been a biologist? 20
- Q4. Describe in detail the different steps taken by a biologist in solving a biological problem. 21
- Q5. What is "control" in experiment? OR 23
Differentiate between control group and experimental group.
- Q6. Which chemical is used for malaria? 24
- Q7. Which microorganism is the basic cause of malaria? 24
- Q8. What is incubation period? 24
- Q9. Why Ronald Ross used female Culex mosquito instead of Anopheles mosquito in his experiment of malaria? 26
- Q10. Differentiate between theory, law and Principle 26

(Biology - ch #2)

Q11. How can we organize and analyse data in biological method?

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Q12. Justify that mathematics is an integral part of scientific process.

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Exercise Questions