

1. Name two similarities between a:
 - Plant and animal cell
 - Animal and yeast cell
 - Animal and bacteria cell
 - Plant and yeast cell
2. What are 2 limiting factors of photosynthesis?
3. How do they limit photosynthesis?
4. What is an enzyme?
5. What is the 'lock and key' mechanism?
6. What can affect the rate of reaction of enzymes?
7. What does denature mean?
8. How are enzymes used in industry?
9. What is one advantage of enzymes being used in industry?
10. What is the difference between aerobic and anaerobic exercise?
11. If a person runs for half an hour longer than another, why do they get cramp more than the other?
12. What is mitosis and meiosis used for?
13. What is the difference between mitosis and meiosis?
14. What does the word 'haploid' mean?
15. What's a stem cell?
16. Who was Mendel and what did he discover?
17. Why were Mendel's theories not believed at that time?
18. Why is the fossil record incomplete?
19. Why can we not rely on the fossil record?
20. What was Darwin's theory of evolution? Include the word genetic variation, mutation, isolation, natural selection, fertile offspring.