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**1. What sort of questions does the fine-tuning of the universe raise?** (p.95 | k.883)

**2. The \_\_\_\_\_ of the universe after the big bang had to be just right to support \_\_\_\_\_.  
(p.95 | k.885)**

**3. Each of the four \_\_\_\_\_ forces of nature had to be carefully fine-tuned for life:  
\_\_\_\_\_, \_\_\_\_\_, the \_\_\_\_\_ nuclear force, and the  
\_\_\_\_\_ nuclear force.** (p.96 | k.889)

**4. Recent scientific discoveries confirm that Earth has extremely \_\_\_\_\_ conditions that allow it to  
support \_\_\_\_\_, even though the vast majority of the universe is \_\_\_\_\_.  
(p.96 | k.894)**

**5. List three of the above conditions.** (p.97 | k.895)

1.

2.

3.

**6. What is the weak anthropic principle?** (p.98 | k.908)





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7. Given all the possible variations of the \_\_\_\_\_, why do we happen to find ourselves in a universe capable of supporting \_\_\_\_\_? Merely claiming that we could not observe ourselves in any other universe offers no \_\_\_\_\_ for \_\_\_\_\_ we are actually in a fine-tuned universe in the first place. *(p.98 | k.915)*
  
8. Richard Dawkins admits that there is presently no \_\_\_\_\_ explanation for the fine-tuning of the universe. *(p.99 | k.920)*
  
9. According to Richard Dawkins, what further question does the design hypothesis raise? *(p.99 | k.921)*
  
10. Dawkins also suggests that the fine-tuning argument \_\_\_\_\_ because the Designer must be more \_\_\_\_\_ than the universe. *(p.99 | k.927)*
  
11. What is one possible response to this objection? *(p.100 | k.931)*
  
12. What is the most popular alternative hypothesis to account for the fine-tuning of the universe? *(p.100 | k.935)*





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**13. Does the multiverse hypothesis undermine God? Explain.** *(p.100 | k.939)*

**14. Does fine-tuning rely on life being carbon-based?** *(p.101 | k.946)*

**15. List some attributes that make carbon and water perfectly matched for life?** *(p.102 | k.956)*

**16. Why can't life just be fine-tuned to the universe instead of the universe for life?** *(p.103 | k.962)*





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## ***YOUR OWN WORDS***

**17. Why is intelligence the best explanation for the fine-tuning of the universe for life?** *(p.104 | k.982)*

**18. Can you think of any examples of fine-tuned systems that perform a function that are *not* products of intelligent design?** *(p.104 | k.983)*

**19. Respond to the objection that the fine-tuning argument “doesn’t go far enough”?** *(p.106 | k.988)*

