Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_\_\_\_\_\_\_

**The Longest Quiz (To Take)… Ever!**

OK, it’s simple. Over the next two days, we’ll be watching two episodes of the Planet Earth series, *Jungles* and *Deserts*. Your job is to watch each and identify the abiotic and biotic factors for each. We will watch the *Jungles* episode first, then the *Deserts* episode. Once complete, you will need to complete the activities on the back to complete the quiz.

Yes, you are allowed to use your notes AND text to help you!!!

EACH TABEL IS WORTH 6 POINTS; BUT YOU DECIDE HOW MANY YOU WANT TO EARN!

*Jungles* Episode Abiotic and Biotic Factors

|  |  |  |  |
| --- | --- | --- | --- |
| To Get : | ABIOTIC FACTORS | To Get: | BIOTIC FACTORS |
| 1 Pt.  You need 3 correct abiotic factors. | 1. | 1 Pt.  You need 3 correct abiotic factors. | 1. |
| 2. | 2. |
| 3. | 3. |
| 2 Pts.  You need 6 correct factors. | 4. |
| 2 Pts.  You need 5 correct factors. | 4. |
| 5. |
| 5. |
| 6. |
| 3 Pts.  You need 6 correct factors. | 6. | 3 Pts.  You need 8 correct factors. | 7. |
| XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXX | 8. |

*Deserts* Episode Abiotic and Biotic Factors

|  |  |  |  |
| --- | --- | --- | --- |
| To Get : | ABIOTIC FACTORS | To Get: | BIOTIC FACTORS |
| 1 Pt.  You need 3 correct abiotic factors. | 1. | 1 Pt.  You need 3 correct abiotic factors. | 1. |
| 2. | 2. |
| 3. | 3. |
| 2 Pts.  You need 6 correct factors. | 4. |
| 2 Pts.  You need 5 correct factors. | 4. |
| 5. |
| 5. |
| 6. |
| 3 Pts.  You need 6 correct factors. | 6. | 3 Pts.  You need 8 correct factors. | 7. |
| XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXX | 8. |

Once both charts are complete, use the information to complete the activities on back.

**Venn Diagram:** Complete the Venn Diagram below using **all of the factors** you have in the two charts. (5 points total)

Jungles Deserts

Both Jungles and

Deserts

**Short Answer Questions:** Answer each of the following using your factors from the charts and your knowledge of abiotic and biotic factors.

1. Based on your finding in the two charts, what are the **two** most important abiotic factors that differentiate Jungles from Deserts?

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2. In which setting (either Jungles or Deserts) would you find more Biotic Factors (or they would be easier to find)? ***Why do you think this is the case?*** (2 question here…answer both!)

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3. Neither Jungles nor Deserts are like our ecosystem here in Missouri. Based on your findings in the two charts, which factors would have to change here, and what would that change be, to make our ecosystem like a:

Jungle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Desert: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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