**Year 9 Biology Quiz 2 Revision**

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| --- | --- | --- | --- | --- | --- | --- |
| **antiviral** | **bacteria** | **pathogen** | **disease** | **mucous** | **vaccine** | **bacteria** |
| **B cell** | **phagocyte** |  |  |  |  |  |

1. Match the terms given below with their correct definition.

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| **Term** | **Definition** |
|  | Anything that upsets the normal functioning of the body |
|  | A disease-causing organism |
|  | A pathogen that has no nucleus, is easily cultured in the lab and is killed by antibiotics |
|  | A unicellular organism that can be killed with antibiotics |
|  | A type of white blood cell that produces antibodies that destroy pathogens |
|  | A medication that stops viruses from damaging cells |
|  | A type of white blood cell that captures pathogens and digests them. Is part of the non-specific immune response (2nd line of defence) |
|  | A preparation of dead or weakened pathogens that are injected to train your 3rd line of defence |
|  | A thick sticky substance that traps pathogens, part of the body’s 1st line of defence |

2. Classify the following diseases into their correct category.

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| arthritis | tetanus | influenza | malaria | yeast infection |
| obesity | breast cancer | measles | athlete’s foot | chickenpox |

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| **Non infectious**  **Disease** | **Infectious Disease – caused by pathogens, transferred from person to person.** | | | |
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3. Describe three ways that infectious disease can be transferred from one person to another

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| 1. |
| 2. |
| 3. |

4. **Describe** 4 ways that the first line of defence of our immune system protects us from an invasion of a pathogen.

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| 1. |
| 2. |
| 3. |
| 4. |



5. Use labelled diagram to describe the second line of defence of the body (phagocytosis).

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