**Excellence in Exhibition: Preventing Disease in Animals and People**

**Lesson 2: Zoonotic Disease Transmission**

**Routes of Transmission Worksheet**

Match the route of transmission to ways it can be prevented. Only one letter may be used per blank, but letters may be used more than once.

**Routes of Transmission:**

1. Direct Contact
2. Aerosol/Droplet
3. Indirect Contact
4. Ingestion (Oral)
5. Vectors

**Ways to Prevent Disease Transmission:**

\_\_\_\_\_\_\_ 1. Use insect control products

\_\_\_\_\_\_\_ 2. Isolate sick animals

\_\_\_\_\_\_\_ 3. Provide fresh air to humans and animals

\_\_\_\_\_\_\_ 4. Dispose of or wash boots and clothing after animal contact

\_\_\_\_\_\_\_ 5. Wash your hands before preparing food

\_\_\_\_\_\_\_ 6. Work with your veterinarian to check and treat your animals for parasites

\_\_\_\_\_\_\_ 7. Wear gloves when working with sick animals

\_\_\_\_\_\_\_ 8. Store food at the proper temperature

\_\_\_\_\_\_\_ 9. Wear respiratory protection when working with animals

\_\_\_\_\_\_\_ 10. Decrease humidity and odor build-up in barns

\_\_\_\_\_\_\_ 11. Clean and disinfect any equipment used with sick animals

\_\_\_\_\_\_\_ 12. Increase the distance between healthy and sick animals

\_\_\_\_\_\_\_ 13. Wash your hands after cleaning pens or contact with manure

\_\_\_\_\_\_\_ 14. Cook meat to the appropriate internal temperature

\_\_\_\_\_\_\_ 15. Avoid sharing equipment, or clean and disinfect equipment

when sharing is necessary

**Routes of Transmission Worksheet ANSWER KEY**

Match the route of transmission to ways it can be prevented. Answers may be used more than once.

**Routes of Transmission:**

1. Direct Contact
2. Aerosol
3. Fomites
4. Ingestion (Oral)
5. Vectors

**Ways to Prevent Disease Transmission:**

\_\_\_E\_\_\_ 1. Use insect control products

\_\_\_A\_\_\_ 2. Isolate sick animals

\_\_\_B\_\_\_ 3. Provide fresh air to humans and animals

\_\_\_C\_\_\_ 4. Dispose of or wash boots and clothing after animal contact

\_\_\_D\_\_\_ 5. Wash your hands before preparing food

\_\_\_E\_\_\_ 6. Work with your veterinarian to check and treat your animals for parasites

\_\_\_A\_\_\_ 7. Wear gloves when working with sick animals

\_\_\_D\_\_\_ 8. Store food at the proper temperature

\_\_\_B\_\_\_ 9. Wear respiratory protection when working with animals

\_\_\_B\_\_\_ 10. Decrease humidity and odor build-up in barns

\_\_\_C\_\_\_ 11. Clean and disinfect any equipment used with sick animals

\_\_\_B\_\_\_ 12. Increase the distance between healthy and sick animals

\_\_\_D\_\_\_ 13. Wash your hands after cleaning pens or contact with manure

\_\_\_D\_\_\_ 14. Cook meat to the appropriate internal temperature