**MELODY “A harmonised CBRN training curriculum for first responders and medical staff”**

**DIRECTORATE-GENERAL MIGRATION AND HOME AFFAIRS - ISFP-2017-AG-PROTECT**

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**Answers of 2.2 Test Questions**

**2.2.1 Routes of exposure**

1. Which exposure routes are relevant for all CBRN agents (chemical, biological, radiological and nuclear)?

**[Answer] : b – vector transmission only for biological and external radiation only for RN**

2. If symptoms appear within seconds or minutes after exposure, what could be the cause?

**[Answer] : d - Only some chemical agents and very strong radioactive sources may cause immediate symptoms such as impaired breathing, dizziness, or burns**

3. Which statement is true?

**[Answer] : d - The cause – effect statements in a, b and c are possible but not always correct, but an infectious disease always starts with exposure to a pathogen.**

4. Your body has mechanisms to fight against:

**[Answer] : b - Your body produces antibodies against antigens (if their concentration is high enough), and although antigens are usually biological agents, they may also be chemical agents and toxins.**

5. What is the 1, 2, 3 rule ?

**[Answer] : c**

6. What does it mean, when we say “you have been exposed to CBRN material”?

**[Answer] : a**

7. What does it mean, when we say “you have been contaminated” with CBRN material?

**[Answer] : b**

8. Which of the following situations poses the highest risk of contamination for you?

**[Answer] : b**

9. What is the difference between “contamination” and “exposure”?

**[Answer] : c**

10. Ionising radiation can be …

**[Answer] : b**

11. Which of the following statements is true?

**[Answer] : c**

12. The challenge with biological incidents is …

**[Answer] : b**

13. Biological agents have their origin in naturally occurring pathogens or in toxin-producing organisms. What consequence does this fact have in the case of a CBRN incident?

**[Answer] : a**

14. How long is the incubation period for biological agents?

**[Answer] : b**

**2.2.2 To recognize a possible release**

1. A dirty bomb with radioactive material will most likely result in …

**[Answer] : a**

2. Why is aerosolisation such an efficient dispersal method? Check all boxes that you think are correct:

**[Answer] : a, b, c, e , f, g**

3. In the list below identify means for the dispersal of CBRN materials. Check all boxes that you think are correct:

**[Answer] : a, b, c, d, g, i, j**