**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 2.1 Test Questions**

**2.1.1 To recognize the different groups of agents, their features and effects**

1. How are Chemical Warfare Agents (CWA’s) classified, based on their effects?

**[Answer] : a**

2. Important properties for potential biological weapons are that their causative agents are: persistent in the environment, relatively easy to acquire & cultivate, highly contagious, cause non-specific clinical symptoms. Which of the diseases below would not be suitable as a bioweapon as it does not fulfill these criteria?

**[Answer] : c – HIV virus is not suitable as bioweapon becuase it is not persistent outside the body, is sexually transmitted and not easy to obtain or cultivate**

3. Which is the right order?

**[Answer] : c**

4. What does the term “CBRN” mean?

**[Answer] : b**

5. What is the meaning of the term “hotzone"?

**[Answer] : c**

6. What makes some microorganisms pathogenic? Check all answers that you think are correct:

**[Answer] : a,b,d**

7. Which are the four large groups of biological agents?

**[Answer] : c**

8. What are the types of ionising radiation?

**[Answer] : b**

9. What are toxins?

**[Answer] : b**

10. Where would you expect to find biological agents? Check the one answer that is incorrect:

**[Answer] : d**

11. What makes some biological agents suitable as a biological weapon?

**[Answer] : c**

12. Smallpox can be categorized under which following category:

**[Answer] : a**

13. What group of agents is represented by the following icon? 

**[Answer] : d**

14. The abbreviation TIC stands for:

**[Answer] : b**

15. A toxic substance is:

**[Answer] : a**

16. The following symbol represents the risk of:

**[Answer] : a**

17. What type of radiation has the lowest range in air?

**[Answer] : a**

18. Gamma rays are stopped by:

**[Answer] : a**

19. A beta particle can pass through:

**[Answer] : c**

20. What is the range of Beta radiation in air?

**[Answer] : c**

**2.1.2 Some relevant examples of incidents**

1. A Japanese cult executed a terror attack with Sarin in a Tokyo subway in 1995. What kind of agent is …..? Chemical, Biological, Radiological or Nuclear?

**[Answer]: Chemical**

2. What kind of CBRN incidents are very common?

**[Answer] : B**