Assessment 10

Due by 2023-04-06, 23:59:57.

1. Among the following human organs, which one is the most sensitive to radiation?
   - Brain
   - Lungs
   - Spleen
   - Kidneys
   - Skin
   - Brain, Lungs, Spleen
   - Options A, B, C, and D
   - A, B, and D
   - No correct answer
   - 3 points

2. The effective dose for the following activities are:
   - X-ray
   - CT scan
   - MRI
   - Walk across country
   - No correct answer
   - 3 points

3. Which of the following methods is used to reduce the effective radiation dose to the patient?
   - Shielding
   - Dose-averaging
   - Dose-reduction
   - No correct answer
   - 2 points

4. Which of the following radioisotopes are found in a normal human DNA?
   - Sr-90
   - Cs-137
   - Co-60
   - Eu-152
   - Sr-90 and Cs-137
   - Sr-90 and Co-60
   - Sr-90, Cs-137, and Eu-152
   - Sr-90, Cs-137, and Co-60
   - No correct answer
   - 3 points

5. Some of the following tissues are radiosensitive:
   - Brain
   - Lungs
   - Spleen
   - Kidneys
   - Skin
   - All the above
   - No correct answer
   - 3 points

6. Which of the following statements is true regarding the effective dose of radiation?
   - The effective dose of radiation is measured using an external source of radiation.
   - The effective dose of radiation is measured using an internal source of radiation.
   - The effective dose of radiation is measured using both external and internal sources.
   - No correct answer
   - 3 points

7. Which of the following tissues are radiosensitive?
   - Brain
   - Lungs
   - Spleen
   - Kidneys
   - Skin
   - All the above
   - No correct answer
   - 3 points

8. The effective dose of radiation is measured using:
   - An external source of radiation
   - An internal source of radiation
   - Both external and internal sources
   - No correct answer
   - 3 points

9. The effective dose of radiation is measured using:
   - An external source of radiation
   - An internal source of radiation
   - Both external and internal sources
   - No correct answer
   - 3 points

10. Which of the following methods is used to reduce the effective radiation dose to the patient?
    - Shielding
    - Dose-averaging
    - Dose-reduction
    - No correct answer
    - 2 points

11. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

12. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

13. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

14. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

15. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

16. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

17. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

18. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

19. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

20. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

21. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

22. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

23. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

24. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points

25. Which of the following tissues are radiosensitive?
    - Brain
    - Lungs
    - Spleen
    - Kidneys
    - Skin
    - All the above
    - No correct answer
    - 3 points