**Procedure to determine the effect of adrenaline on rat uterus**

**(Pre- and post-test)**

1. Which of the followings are required to perform experiment on tissue responses to agonist or antagonist?
2. Organ bath
3. Kymograph
4. Personal computer
5. Physiological salt solution
6. Which of the following are the parts of an organ bath?
7. Inner organ bath
8. Tissue hook
9. Outer organ bath
10. Kymograph
11. For experimenting tissue responses to different agonist or antagonist which of the following gas mixture is used?
12. 95 % O2 + 5% CO2
13. 95 % CO2 + 5 % O2
14. 50 % O2 + 50 % CO2
15. 75 % O2 + 25 % CO2
16. What are the different types of physiological salt solution?
17. Tyrode
18. Ringer Lock
19. De Jalon
20. Phosphate buffer solution
21. To perform tissue responses to any agonist or antagonist, what should be the temperature of physiological salt solution?
22. 22⁰ C
23. 28⁰ C
24. 37⁰ C
25. 40⁰ C
26. What do you mean by contact period?
27. Total time duration of keeping experimental tissue in contact with drug
28. Total time duration of performing whole experimental procedure
29. Total time needed to record kymographic tracing
30. Total time required to set up the organ bath
31. Which of the following is/ are true regarding magnification of tissue response?
32. For lesser inherent contractility, higher magnification is needed
33. For lesser inherent contractility, lesser magnification is needed
34. To achieve magnification, distance from fulcrum to tissue attachment point should be lesser than the distance from fulcrum to writing point
35. To achieve magnification, distance from fulcrum to tissue attachment point should be greater than the distance from fulcrum to writing point
36. Where the tissue response is recorded?
37. Computer
38. Kymograph
39. Record storage device
40. Both ‘a’ & ‘b’
41. Only one type of physiological salt solution is used for all type of tissue experiments. T/F

1. The experimental tissue is washed several times before applying each strength of experimental agent. T/F