Unit 6 - Week 5

Assignment 5

The assignment due date for this assignment has passed. As per our records you have not submitted this assignment.

Due on 2020-03-04, 23:59 IST.

1. Null hypothesis: $H_0: \mu \leq 0.2$. 2 points
   - [ ] True
   - [ ] False
   - [ ] Yes, the answer is incorrect.
   - [ ] Accepted Answers:

2. An examination, 12 jobs are evaluated using machine A and 10 are evaluated using machine B in a laboratory. Machine A has a standard deviation of 2 and machine B is tested in reading examination. The mean examination times are 130 and 135 minutes respectively. The mean time of machine A and B is required but is not effective. What combinates can be implemented and also gives the effectiveness of machine B, using $\mu = 0.05$ and $\alpha = 0.10$?
   - [ ] No, the answer is incorrect.
   - [ ] Accepted Answers:

   - [ ] True
   - [ ] False
   - [ ] Yes, the answer is incorrect.
   - [ ] Accepted Answers:

4. A random sample of "Height" of 10 students of section 10A, with a standard deviation of 0.4 in height, and another random sample of "Height" of 12 students of section 10B, with a standard deviation of 0.3 in height is taken. The class teacher wants to know, which section is having the least variability in the height of students at 0.05 confidence interval.
   - [ ] No, the answer is incorrect.
   - [ ] Accepted Answers:

5. What is the null hypothesis for hypothesis testing?
   - [ ] No, the answer is incorrect.
   - [ ] Accepted Answers:

6. There are three candidates in a college. The sale of item "X" in three three candidates from Monday to Friday is as follows:
   - [ ] Yes
   - [ ] No
   - [ ] Cant State
   - [ ] None of the above
   - [ ] Yes, the answer is incorrect.
   - [ ] Accepted Answers:

7. In problem 6 what is the t-value calculated?
   - [ ] No, the answer is incorrect.
   - [ ] Accepted Answers:

8. In problem 6 what is the f-value calculated?
   - [ ] No, the answer is incorrect.
   - [ ] Accepted Answers:

9. In problem 6 what is the F-value calculated?
   - [ ] No, the answer is incorrect.
   - [ ] Accepted Answers:

10. In problem 6 what is the HSDMean square error value calculated?
    - [ ] No, the answer is incorrect.
    - [ ] Accepted Answers:

11. "t-test" function in python programming is used for
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

12. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

13. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

14. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

15. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

16. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

17. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

18. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

19. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

20. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

21. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

22. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

23. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

24. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

25. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

26. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

27. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers:

28. t-value calculator is used for the following:
    - [ ] Yes
    - [ ] No
    - [ ] None of the above
    - [ ] Yes, the answer is incorrect.
    - [ ] Accepted Answers: