

## **DAILY ASSESSMENT FORMAT**

<b>Date:</b>	<b>31/07/2020</b>	<b>Name:</b>	PAVITHRAN S
<b>Course:</b>	<b>Coursera</b>	<b>USN:</b>	<b>4AL17EC068</b>
<b>Topic:</b>	<b>Basic statistics</b>	<b>Semester &amp; Section:</b>	<b>6<sup>th</sup> sem 'B' sec</b>
<b>Github Repository:</b>	<b>Pavithran</b>		

<b>FORENOON SESSION DETAILS</b>
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## Image of session

The screenshot shows a web browser window with the URL `coursera.org/learn/basic-statistics/exam/751bq/final-exam/attempt/redirectToCover=true`. The page title is "Final Exam" and it is marked as a "Graded Quiz • 1h". The due date is "Due Sep 6, 11:59 PM PDT". A green banner at the top says "Congratulations! You passed!" with a checkmark icon and "TO PASS: 70% or higher". A blue button labeled "Keep Learning" is next to the "GRADE 83.33%". Below this, the "Final Exam" title is followed by "LATEST SUBMISSION GRADE 83.33%". Two questions are listed: 1. "What does the test statistic tell you?" (1/1 point) with a green "Correct" feedback box; 2. A probability question about student enrollment in various fields (1/1 point).

Final Exam  
Graded Quiz • 1h

Due Sep 6, 11:59 PM PDT

✓ Congratulations! You passed!  
TO PASS: 70% or higher

Keep Learning

GRADE  
83.33%

Final Exam  
LATEST SUBMISSION GRADE  
83.33%

1. What does the test statistic tell you? 1/1 point

✓ Correct

2. In a group of students 25% are enrolled in physics, 23% in sociology, 17% in chemistry, 14% in political science, 12% in anthropology, and 9% in math. You are going to select an individual from the group of students. The probability of event A is equivalent to the probability that you select someone who studies social science (sociology, political science and anthropology) or physics. What is the probability of the event A's complement?

This is a duplicate of the screenshot above, showing the same Coursera Final Exam page with a passed status and a grade of 83.33%.

Final Exam  
Graded Quiz • 1h

Due Sep 6, 11:59 PM PDT

✓ Congratulations! You passed!  
TO PASS: 70% or higher

Keep Learning

GRADE  
83.33%

Final Exam  
LATEST SUBMISSION GRADE  
83.33%

1. What does the test statistic tell you? 1/1 point

✓ Correct

2. In a group of students 25% are enrolled in physics, 23% in sociology, 17% in chemistry, 14% in political science, 12% in anthropology, and 9% in math. You are going to select an individual from the group of students. The probability of event A is equivalent to the probability that you select someone who studies social science (sociology, political science and anthropology) or physics. What is the probability of the event A's complement?

SAMPLE DATA

SIGNIFICANCE TEST

HYDOTHESES

expectations about population

▶ 🔊 1:27 / 1:20



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coursera.org/learn/basic-statistics/exam/1vjC/significance-tests/attempt?redirectToCover=true

←

Significance tests

Graded Quiz • 20 min

✓

**Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE

100%

Significance tests

LATEST SUBMISSION GRADE

100%

1. Which of the following statement(s) is/are correct?

1 / 1 point

I. If you conduct a significance test you assume that the alternative hypothesis is true unless the data provide strong evidence against it.

II. The null hypothesis and the alternative hypothesis are always mutually exclusive.

☐ Statement I is correct, statement II is incorrect.

☒ Statement II is correct, statement I is incorrect.

☐ Both statements are incorrect.

☐ Both statements are correct.