Dear Sir,

This is to sincerely inform you and bring to your kind consideration, that I came across deficiency in my score for assignment 7, after checking with the answers provided in the website of 'Biostatistics and design of experiments' course. The details of my responses to the assignment questions are as given below:

Assignment No:	Question number as given in the solution document uploaded in website	My responses during assignment submission	Points calculated based on the correct answers	Total points awarded for my assignment
7	1a 1b 1c 2a 2b 2c 2d 2e 2f 2g	32 1st option 4 0.5 1.5 0.0 -0.5 2.0 -2.0 -1.0	10	6

Sir, it was given in assignment-7 as, *'give answer rounded to one decimal place'* and I entered the answers as 0.5, 1.5, 0.0, -0.5, 2.0, -2.0, -1.0. Sir, for my correctly-reported answers, I hereby request you to kindly do the needful up-gradation of the assignment scores. The screen shot image of my assignment 7 responses has been attched for your reference. It would be very kind of you Sir, to please re-consider my correctly-answered assignment-7, which could award me the deserved 68% assignment score (from the best of five assignments) and 49 % (overall score) in the subject.

Thanking you,
Yours sincerely
PURNIMA. N

Week 7 assignment

Due on 2016-03-16, 23:50 IST

Submitted assignment

1) A 2^{7-2} design has *1 point*

a) how many experiments?

32

2) b) it is *1 point*

- (•) ¼ factorial of 128 experiments
- ( ) ½ factorial of 64 experiments
- ( ) ½ factorial of 2^6 experiments
- ( ) full factorial of 2^5 experiments

3) c) it has a resolution of *1 point*

4

4) . A 2^3 design experiments are carried out to maximise the biomass production as shown below *1 point*

T	pH	DO	Biomass
-1	-1	-1	9
-1	-1	+1	8
-1	+1	-1	12
-1	+1	+1	9
+1	-1	-1	7
+1	-1	+1	12
+1	+1	-1	11
+1	+1	+1	10

a) what is the effect of T on Biomass (give answer rounded to one decimal place)

0.5

5) b) what is the effect of pH on Biomass (give answer rounded to one decimal place) *1 point*

1.5

6) c) what is the effect of DO on Biomass (give answer rounded to one decimal place) *1 point*

0.0

7) d) what is the effect of T*pH on Biomass (give answer rounded to one decimal place) *1 point*

-0.5

8) e) what is the effect of T*DO on Biomass (give answer rounded to one decimal place) *1 point*

2.0

9) f) what is the effect of DO*pH on Biomass (give answer rounded to one decimal place) *1 point*

-2.0

10) g) what is the effect of T*pH*DO on Biomass (give answer rounded to one decimal place) *1 point*

-1.0