0B1 : Followup Coursework 2020

From the Blackboard area for 0B1, MATH19801, on the left, click on the link 'My Grades' to see actions following the diagnostic test. The field **'Diagnostic Followup Sections'** tells you about sections of the test where you underachieved in the test and where you are now being directed towards some resources and questions.

Within the folder '**Diagnostic Followup Materials**' on Blackboard, there are folders containing notes, videos and HELM references for sections A to H of the diagnostic followup. Please remember that you have been assigned TWO sections and two only.

Ultimately, you will be asked to submit some work via the computer on your topics but there are opportunities to practice using the computer system first. You are recommended to practice many times with different coefficients in your questions.

To access the computer system, go through the link at the bottom of the folder to **0B1 Diagnostic Followup Quizzes** and attempt the quizzes you have been allocated.

For each section where you are asked to submit some work for the followup, you will see practice questions (which can be done as many times as desired) and assessment questions (done only once). You are expected to use the practice questions to get used to the system, then to practice your topic (in conjunction with reading) and then to build up a practice mark. You will be awarded a mark shared between equally your BEST practice attempt and your single assessment attempt.

Each time you carry out a practice attempt, you will see slight changes in the questions. Similar changes will be present between the practice versions and the assessment versions. So, to a first approximation, the assessment versions will look similar to the practice versions.

The practice versions of the questions are currently available ; the assessment versions will become available on Friday 16th October (week 2) and will remain available until Friday 23rd October (week 3). The practice questions will also remain visible until Friday 23rd October.

Some points that students are asked to note in particular are that

1) The system should display properly in a recent version of Mozilla Firefox or Google Chrome. Certain symbols may not display properly using Internet Explorer.
2) When you enter an answer, the computer will display how it interprets your answer, perhaps explaining that it does not interpret it as a valid mathematical expression. If you need to, change your answer. Once you are happy that it is being interpreted properly, you can click on 'check' and your answer will go for marking.
3) If you get a question wrong first time, you have an opportunity to resubmit for partial credit.
4) You have the opportunity to ask for a worked solution but you should not ask for it until you have been given the mark for the question. Asking for a worked solution too early robs you of the opportunity to gain marks.
5) If you get a question wrong, you will be given some feedback for common mistakes.
6) The system is case-sensitive. X is not the same variable as x etc.
7) Products should use '*' between the components e.g. 'x*y'. Simply using 'xy' will result in the system interpreting this as a single variable with a two-letter name. Similarly, '4x' is written as '4*x'.
8) Powers can be written using the '^' key e.g. z^6 or 4*x^9.
9) Functions should have their arguments in round brackets and should use lower-case letters e.g. sin(x), exp(y). Square brackets [,] should not be used.
10) $\sin^2 x$ etc. should be written as e.g. (sin(x))^2
11) The Greek letter π is entered as pi i.e. two letters and noting else.

There is also a quiz used to enable students to get used to entering answers.

Students should practice using the system in the session and ask questions.

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