Math
-: CA2 Assignment :-

Answer any five questions.

① Give a brief discussion on recurrence relation.

② Establish recurrence relation on compounding interest. Model a ~~pro~~ Explain with an example.

③ State and prove pegion and hole principle discuss usefullness of this principle.

④ Did use the number of permutation of n different object take an r at a time, in which r particular object are always presents. Using this formula Generate a problem Corresponding to the above formula and solved it.

⑤ What do you mean by permutation of n symbols. make the Composition table

⑥ Prove that set of rational Numbers along with usual addition and usual multiplication forms a commutative ring with unity.

⑦ What do you mean by cyclic Group. So that the group is cyclic find its generator.

※ Submit Date - 25.01.24.