Let f,g be the fun Select one or more: $f \in O(g)$ $f \in \Omega(g)$ $f \in \Theta(g)$	inctions defined as $f(n)=n^22^n$ and $g(n)=n2^n$.	
☐ What can be c☐ The presence		
The problem 3SAT is: Select one or more: such that INDSET can be reduced to it, i.e., INDSET \leq_p 3SAT NP-hard In the class EXP. Computable in polynomial time		
Suppose a language \mathcal{L} is both in NP and in EXP. Then Select one or more:		
The notion of PAC-learnable concept class: Select one or more: Needs to hold for every distribution D on the instance class. Cannot be reached when the underlying concept class is the one conjunctions of literals. Requires the output concept to have probability of error \(\varepsilon\), in all cases Does not make any reference to the time complexity of the learning algorithm		
Question 1 Not yet answered Marked out of 6.00 Flag question	Construct a deterministic TM of the kind you prefer, which decides the following language: \[\mathcal{L}=\{w\in\{0,1\}^*\mid\mbox\{\$w\$ contains \$10\$ as a substring\}. \] Study the complexity of TM you have defined.	
Question 3 Not yet answered Marked out of 7,00 Flag question	We studied the problem CLIQUE. You are required to classify the subset THREECLIQUE of CLIQUE consisting of all the pairs $(G, 3)$. To does THREECLIQUE belong?	which class
	I	
Question 2		

You are required to prove that the following function f is in \mathbf{FP} . To do that, you can give a TMs or define some pseudocode. The function is one that, given two lists $L=L_1,\ldots,L_n$ and

Not yet answered

Marked out of 7.00

Flag question

 $P=P_1,\ldots,P_n$ of rational numbers returns their scalar products.