Which of the following addre	essing modes are suitab	le for program relocation at run time ?
<ul><li>(i) Absolute address</li><li>(ii) Based addressing</li><li>(iii) Relative address</li><li>(iv) Indirect address</li></ul>	; ing	
(i) and (iv) (i) and (ii) (ii) and (iii) (ii) and (iii)		
MOV R2, (R1); R2 ¬ 1 ADD R2, R3; R2 ¬ MOV 6000, R2; Memor	Memory[5000] Memory[(R1)] R2 + R3 y [6000] ¬ R2	ion Size(in words) 2 1 1 2 2
	decimal). If an interrup	size 32 bits, and the program has been loaded starting t occurs while the CPU has been halted after executing the ed in the stack will be
<u> </u>		
1020		
1024		
1028		
In the absolute addressing	mode	
the operand is inside the instruction		
the address of the operand is inside the instruction		
the register containing address of the operand is specified inside the instruction		

the location of the operand is implicit