



Nitish Kumar Gupta

Course: GATE Computer Science Engineering(CS)

MY TEST

BOOKMARKS

MY PROFILE

REPORTS

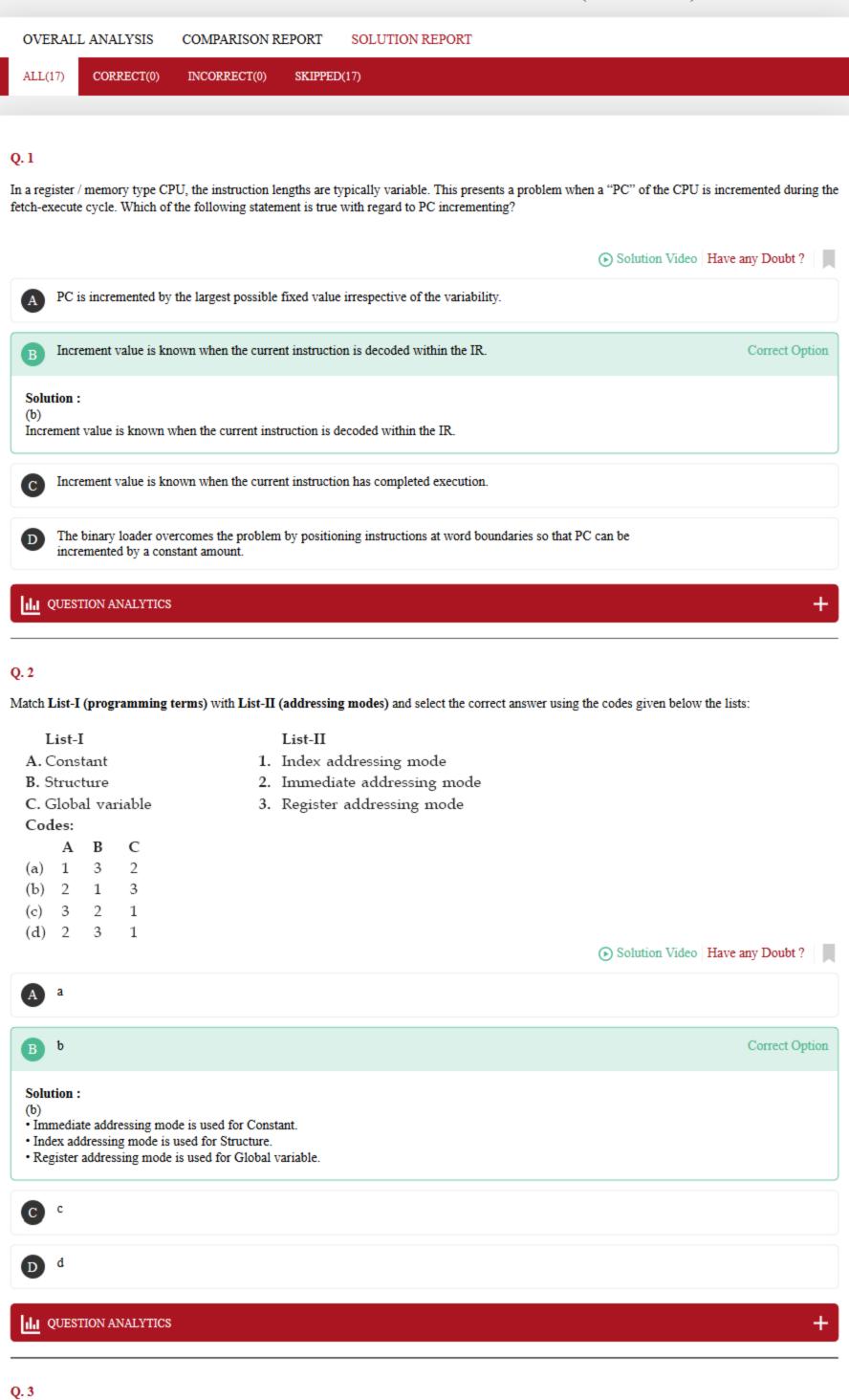
BUY PACKAGE

ASK AN EXPERT

OFFER

EXCLUSIVE OFFER FOR OTS STUDENTS ONLY ON BOOK PACKAGES

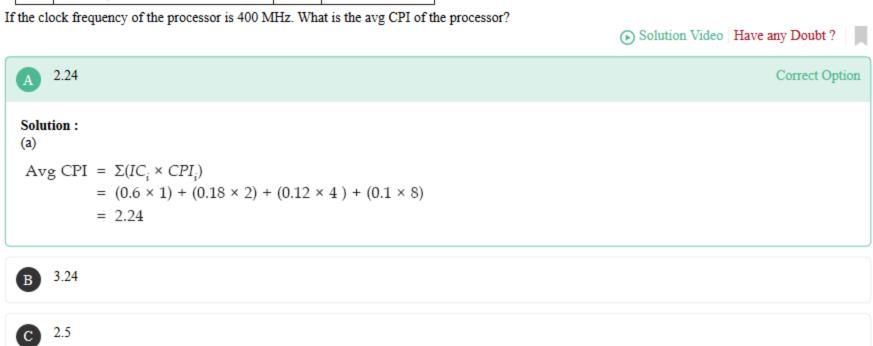
TOPICWISE: COMPUTER ORGANIZATION AND ARCHITECTURE-1 (GATE - 2019) - REPORTS

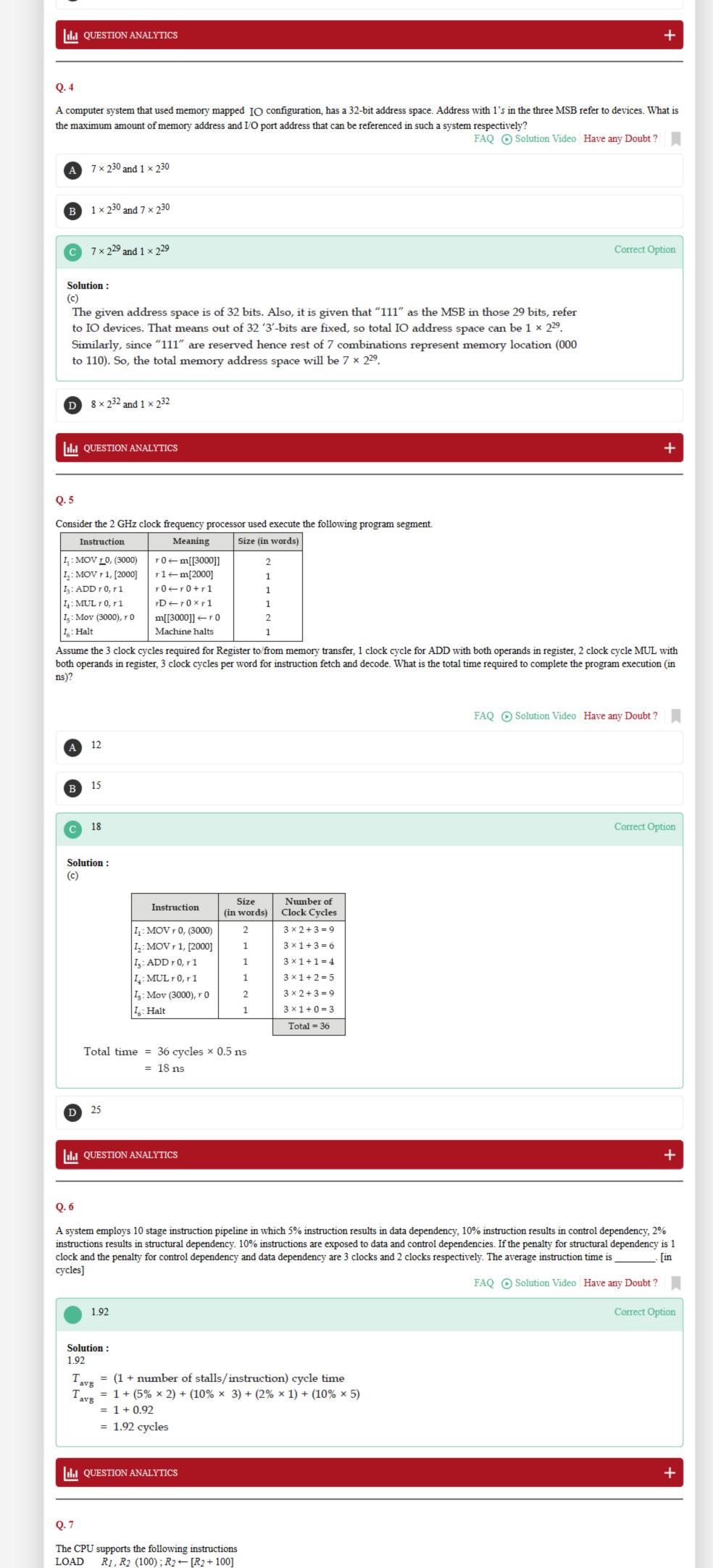


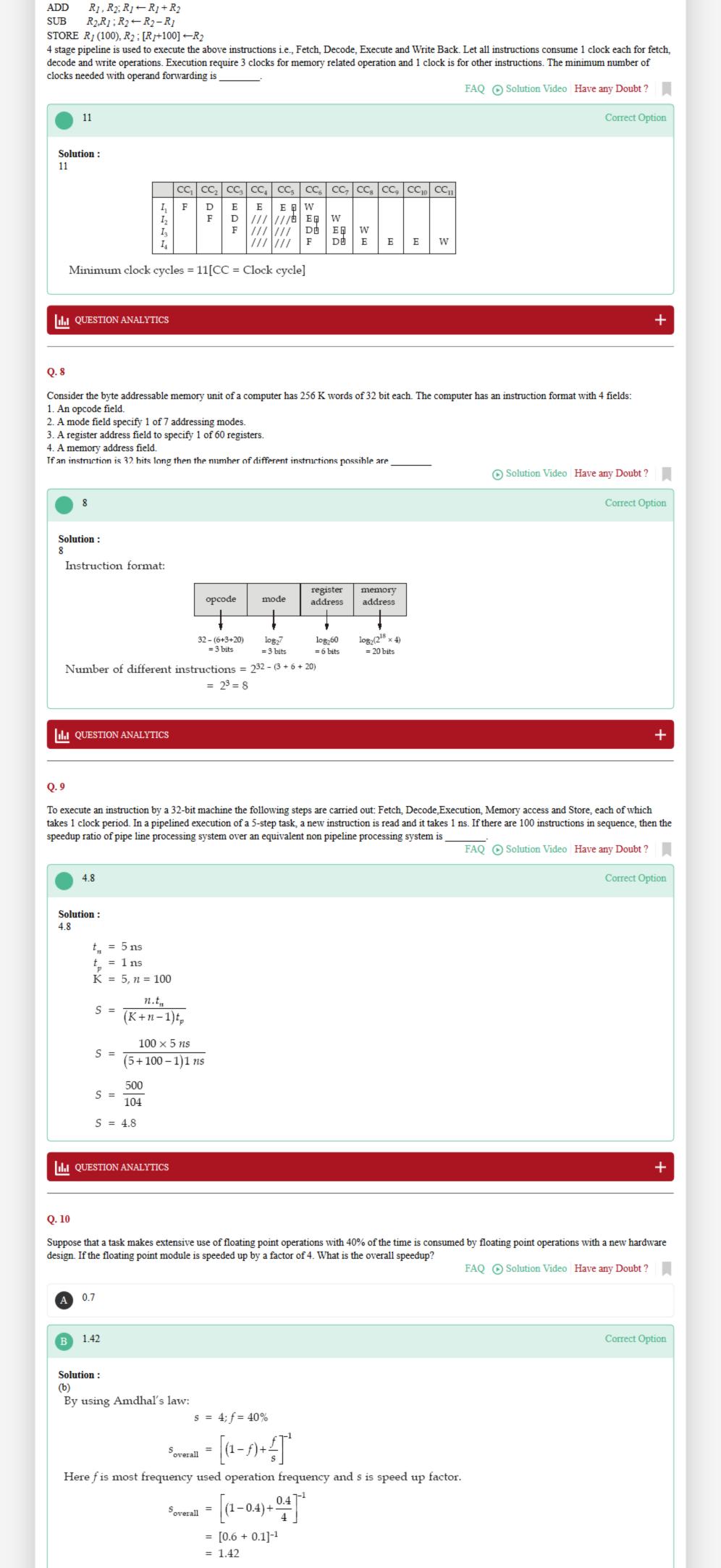
D 2.4

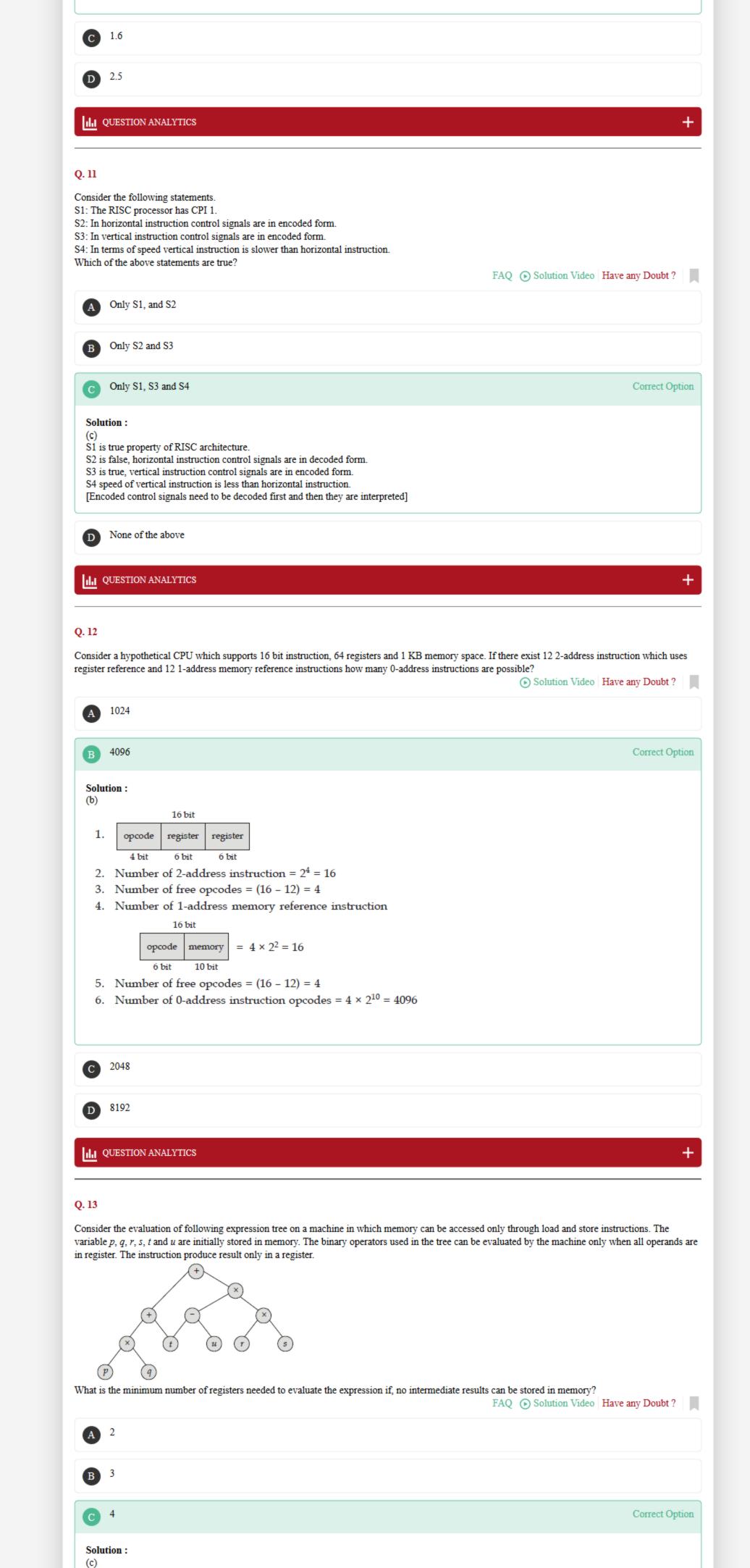
A Program consists of four major types of instructions. The instruction mix and the CPI for each instruction type are given below:

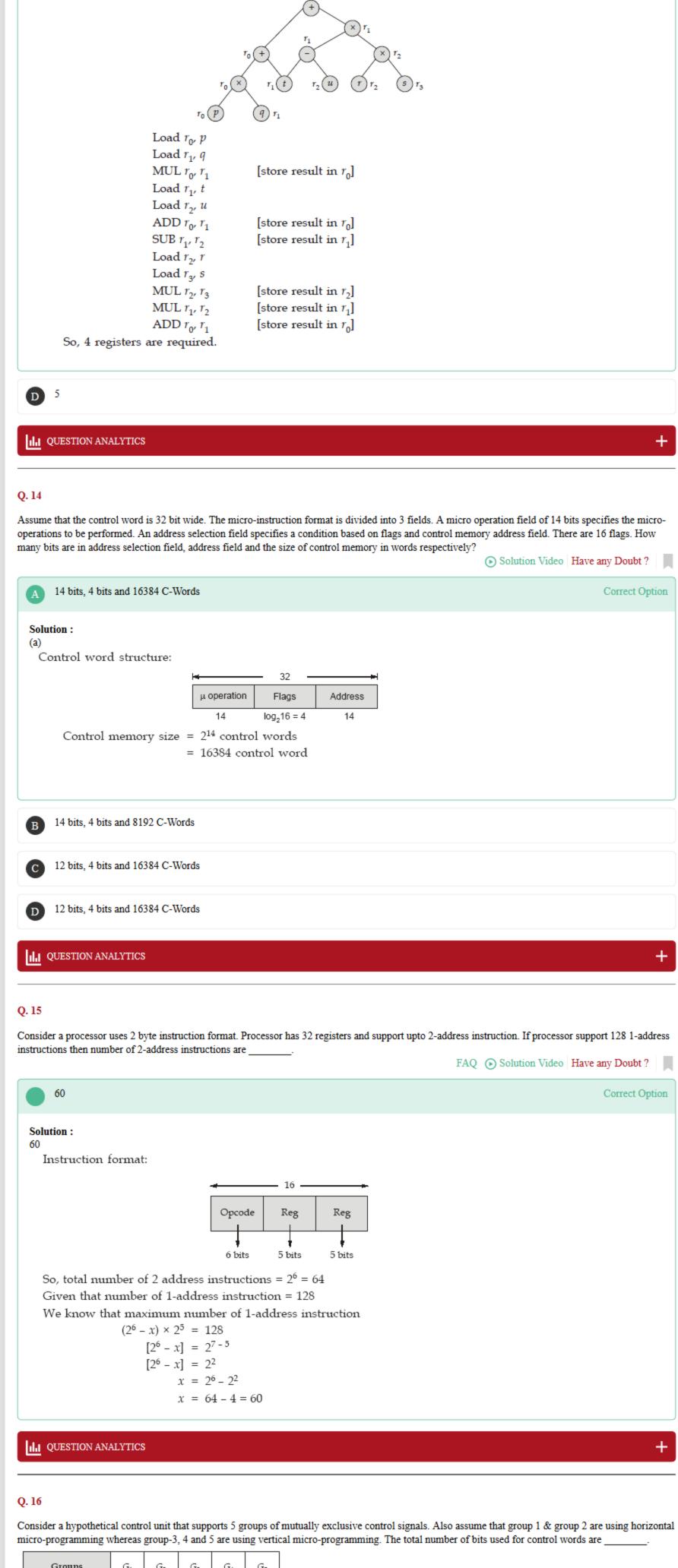
	Instruction Type	CPI	Instruction Mix
1.	ALU	1	60%
2.	Load/Store with cache hit	2	18%
3.	Branch	4	12%
4.	Memory reference with cache miss	8	10%











Groups	G_1	G_2	G ₃	G_4	G ₅	
Control signals	43	29	76	130	100	

