GENERAL SCIENCE & ABILITY – MATHEMATICS

ASSIGNMENT #1

SUBMITTED BY: 27501-AIMAN MALIK-047

Q: Tariq can do a tailoring job in 6 hours. Sajid does the same job in 4 hours. Irfan does it in 8 hours. Tariq and Sajid start doing the work. Sajid leaves after two hours, and Irfan replaces him. How long would it take to complete the work?

SOL:

THE WORK !	R.W.
Taxing does job = 6 Hours	2164
salid does job - Sillands	3 3,1
11400 GOET 101 - 8 H	LCM=2x2x3-12
12119 and Said together does the sal	27130
	-10
T 6 4 12 12	20
T = 12	
5	
T = 2.4 bxc	
Taxiq and sajid Irfan together does the job in:	
1 - 1 + 1 = 4+3 = 7	
t 6.8. 24 .24	3/6/8
t = 24 = 3.4 Hrs.	33/2
7	1 CM2
t=3.4 bxc	2×2×2×3=24
Completion of lalore to a so	7) 240
Completion of Work by Taxing & Sajid:	- 28
2 x 100 = 20 x 100 = 83 % = .	2
Remaining work - 100% - 83% - 17%.	
De se de la serie	
TOTAL	
-> 3.4 x 17 = 3.4 x 0.17 = 0.58.	
100	
Hence, the total time 1 hours	
Hence, the total time taken in completing the work is: 2+0.58 = 2.58 brs.	
18 OK	