

NOTE: This is a 2-sided page. Use table that matches the exam question.

Pan Number	Pan 1	Pan 2	Pan 3	Pan 4	Pan 5
Mass of wet soil + Pan, A, in grams	721.7	745.6	777.3	764.1	755.7
Mass of dry soil + Pan, B, in grams	671.0	683.8	701.0	678.9	659.2
Mass of Pan, C, in grams	102.5	97.5	121.2	141.1	115.5
Mass of dry soil, D = B - C, in grams					
Mass of water, E = A - B, in grams					
Moist. Content , F = 100 x E/D, in %	A.			D.	
Proctor Mold mass, G, in grams	1832.1	1832.1	1832.1	1832.1	1832.1
Soil and Mold mass, H, in grams	3697.0	3766.9	3826.7	3861.8	3871.6
Soil mass, I = H - G, in grams					
Wet Den , J = I x 0.06614, in pcf					
Dry Den , L = J/[1+ (F/100)], in pcf		B.	C.		E.

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Pan Number	Pan 1	Pan 2	Pan 3	Pan 4	Pan 5
Mass of wet soil + Pan, A, in grams	828.7	792.2	705.3	624.8	663.4
Mass of dry soil + Pan, B, in grams	744.2	701.3	621.5	547.3	573.6
Mass of Pan, C, in grams	80.5	112.0	98.3	99.5	96.0
Mass of dry soil, D = B - C, in grams					
Mass of water, E = A - B, in grams					
Moist. Content , F = $100 \times E/D$, in %	A.			D.	
Proctor Mold mass, G, in grams	1859.6	1859.6	1859.6	1859.6	1859.6
Soil and Mold mass, H, in grams	3613.5	3646.2	3694.9	3724.4	3758.7
Soil mass, I = H - G, in grams					
Wet Den , J = $I \times 0.06614$, in pcf					
Dry Den , L = $J/[1 + (F/100)]$, in pcf		B.	C.		E.