

Circle only **BEST** choice (a) (b) (c) (d)

	Questions	Answers	
1.	In an upward traveling tension wave, the pile particle velocity is	(a) Upward motion (b) Downward motion	(c) Related to pile material density (d) Related to wave speed
2.	Which statement is TRUE for the data of a concrete pile shown below?	(a) Pile is damaged (b) Pile is broken	(c) This is hard driving (d) Low shaft resistance
3.	Which is TRUE for data below which is a steel spliced pipe pile with length LE 122 ft (37 m) with splice at 57 ft (17.4 m)	(a) Pile has very little shaft resistance (b) This is easy driving	(c) Pile final set is 1.2 inch [note: displacement (D) is "1.5 inches full scale"] (d) Pile splice is failing

4.	<p>For data below of uniform steel pipe pile, and wave speed of 16,808 ft/s (5,123 m/s) V1 & V2 are Velocity 1 & 2 from integral of accelerometers A1 & A2</p>	<p>(a) This is easy driving (b) Pile is damaged</p>	<p>(c) A2 is disconnected but was not turned off (d) Wave speed is incorrect</p>
5.	<p>When should radiation damping (SK) NOT be used in “signal matching”?</p>	<p>(a) When set per blow is very high (very easy driving) (b) When set per blow is very low (very hard driving)</p>	<p>(c) For drilled or augered piles (d) When SS exceeds the recommended limit</p>