SOLUTIONS TO

MULITPLE CHOICE QUESTIONS

CHAPTER 1

Problem No.	Brief Explanation	Correct Answer A B C D
1.1	When two earth plates moves apart from each other, the earth movements creates a ridge	○ ○ ○ ●
1.2	When a hanging wall moves up a footing wall during an earthquake, the movement is known as normal fault	○ ○ ● ○
1.3	Earthquake origination on the earth surface is known as the epicenter.	○ ● ○ ○
1.4	A plate moving underneath another plate is known as subduction	● ○ ○ ○
1.5	California San Andreas fault is right lateral strike slip movement	● ○ ○ ○
1.6	P-waves displace materials just ahead or behind their line (direction) of propagation. S-waves displace materials vertically and horizontally.	○ ○ ● ○
1.7	When a seismic sea wave (Tsunami) approaches sea shore, the wave velocity decreases and the height increases	○ ○ ○ ●
1.8	Shear waves causes more damages than Primary waves to structures	○ ○ ● ○
1.9	Tsunami can be best described as seismic sea waves	○ ● ○ ○
1.10	Seismic waves are generated by sudden snap of rock formation within earth crust	○ ○ ● ○