

# APPLIED GEOLOGY

1. The pitch of a lineation is measured on a  
(A) horizontal plane (B) inclined plane  
(C) vertical plane (D) 2-D plane
2. The trace of a strike-slip fault on a map will appear as  
(A) a curve (B) a sinuous line  
(C) a straight line (D) a zigzag line
3. If the fore bearing is  $180^\circ$ , the back bearing will be  
(A)  $230^\circ$  (B)  $260^\circ$   
(C)  $360^\circ$  (D)  $200^\circ$
4. In case of a synformal anticline  
(A) the core of the fold is youngest  
(B) the core of the fold is oldest  
(C) the core of the fold is younger  
(D) this type fold does not have a core
5. The orientation of the Kopili Fault is  
(A) NE-SW (B) NW-SE  
(C) E-W (D) ENE-WSW
6. The San Andreas Fault is a part of the  
(A) divergent plate boundary (B) transform plate boundary  
(C) convergent plate boundary (D) None of the above
7. The plagioclase system represents  
(A) a binary system with partial solid solution  
(B) a binary system with complete solid solution  
(C) a binary system with three coexisting phases  
(D) None of the above
8. Orthopyroxene is dominant in  
(A) Gabbro (B) Norite  
(C) Granodiorite (D) None of the above