Assignment 2

The due date for submitting this assignment has passed. Due on 2021-02-07, 23:59 IST.

As per our records you have not submitted this assignment.

1. Plunge of a line is similar to________
   - Dip
   - Line direction
   - Strike
   - None of all above
   - No answer is incorrect
   1 point

2. Which of the plane is parallel to ZY line of latitude?
   - Plane through any point on the line of latitude is parallel to ZY line of latitude
   - Plane through any point on the line of latitude is parallel to XZ line of latitude
   - Plane through any point on the line of latitude is parallel to ZX line of latitude
   - None of above
   - No answer is incorrect
   1 point

3. Which of the lines is a dip line?
   - AB
   - CD
   - AC
   - BD
   - No answer is incorrect
   1 point

4. Which of the plane is perpendicular to AB line?
   - Plane through any point on the line AB is perpendicular to AB line of plane
   - Plane through any point on the line AB is perpendicular to AC line of plane
   - Plane through any point on the line AB is perpendicular to AD line of plane
   - None of above
   - No answer is incorrect
   1 point

5. Four great circles representing planes A, B, C, and D are shown in the following figure. Which of the four planes has the largest dip?
   - A
   - B
   - C
   - D
   - No answer is incorrect
   1 point

6. Four great circles representing planes A, B, C, and D are shown in the following figure. Which of the four planes has a dip direction of 087°?
   - A
   - B
   - C
   - D
   - No answer is incorrect
   1 point

7. The planes of faulted planes A, B, C, and D are shown in the following figure. Which of the four planes has the lowest dip?
   - A
   - B
   - C
   - D
   - No answer is incorrect
   1 point

8. What is the plunge and trend of the line of intersection between planes 03°10' and 06°30'?
   - 30° and 10°
   - 30° and 60°
   - 60° and 10°
   - None of above
   - No answer is incorrect
   1 point

9. 'a' is the strike of fault in the above diagram.
   - The strike of fault is given by tan⁻¹\(\frac{dp}{\sin a}
   - dp = \frac{x dp'}{\sin a}
   - None of above
   - No answer is incorrect
   1 point

10. Plane of intersection of plane 12° and 087°
   - 12° and 087°
   - 12° and 087°
   - 12° and 087°
   - None of above
   - No answer is incorrect
   1 point

11. Determine the angle of friction corresponding to different size of
   - None of above
   - No answer is incorrect
   1 point