



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



## Worksheet 21 Solution

Sub:Geography

Class:11

Date: 9-7-2020

### Unit- 3 Faulting,Part 1 1<sup>st</sup> term .

1. Choose the correct answer
  - a. "Faults are ruptures along which the opposite walls have moved past each other."Who said this ? i) A. Holmes ii)Billings iii) Thornbury iv) Davis.
  - b. Which of the following factors are responsible for faulting i)Earthquake ii)Tectonic movement iii) Nature of rocks iv) All of these.
  - c. The largest fault of the world in the world is found in i)Germany Black Forest hills ii)San Andreas fault iii) Rift valley in Africa iv) Satpura Hills.
  - d. The line of fracture which occurs due to tensional force where a fault occurs is known as i)Fault Plane ii)Fault Line iii)Dip iv) Strike.
  - e. The direction of horizontal line along a rock stratum perpendicular to the direction of Dip is known as i)Fault Plane ii)Fault Line iii)Dip iv) Strike.
  - f. Maximum slope of an inclined stratum of rock measured from the horizontal and stated in terms of angle in degree is known as i)Fault Plane ii)Fault Line iii)Dip iv) Strike.
  - g. The plane along which the rock blocks are displaced by tensional or compressional forces to form a fault is known as i)Fault Plane ii)Fault Line iii)Dip iv) Strike.
  - h. The lateral displacement with no vertical or horizontal displacement, rock block may slip side by side ,it is known as i)Hade ii) Heave iii) Footwall iv) Downthrow.
  - i. The inclination of fault to the vertical, showing the angle between the fault plane and the vertical is known as i)Hade ii) Heave iii) Footwall iv) Downthrow.
  - j. Downward displacement of a rock block in a fault is known as i)Hade ii) Heave iii) Footwall iv)Downthrow.
  - k. The lower wall of an inclined fault plane is known as i)Hade ii) Heave iii) Footwall iv)Downthrow.
  - l. The shallow layer of soil covered fault plane is known as i)Gusse ii) Flucon iii) Slickenside iv)Fault Breccia.
  - m. The angular rocks covering and making the fault plane uneven is known as i) Gusse ii) Flucon iii) Slickenside iv)Fault Breccia.
  - n. Fault plane with parallel striation marks are known as i) Gusse ii) Flucon iii) Slickenside iv)Fault Breccia.
  - o. Fault plane covered with powdered rock is known as i) Gusse ii) Flucon iii) Slickenside iv)Fault Breccia.

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