

a) What ^{made} Galileo recant the truth he knew?

Ans

The truth about the earth not being at the centre of the solar system was recanted by the Galileo because he was subjected to tortures, which were authorised by the religious court of his time.

b) What is the heritage being alluded to in the first paragraph?

Ans

By heritage the author means all the discoveries and inventions ^{done by the} ~~that the~~ people of the past. These inventions and discoveries make life on earth very pleasant and trouble-free. They gave humans the heritage of comfort, leisure, leisure and peace of mind.

c) What does the 'betrayal of our trust' imply?

Ans

By the betrayal of trust, the author

implies that if people start to take life easy and enjoy earlier inventions without feeling the need to give back to future generations, they would not be fulfilling their duties that they owe to the latter generations. They would fail to fulfill their responsibilities if they enjoy the fruits of their ancestors' efforts and do nothing for their future generations.

d) Why do we need to question the old truths and work for the new ones?

Ans

In order for the humans to make more progress and to make life ^{easier} on this planet, more they would have to question the validity of the old truths ~~and~~ in order to discover new ones. Since human nature is ever changing, they need to discover new truths that are compatible with the changed realities of life.

CSS-2010

And still it moves. The words of Galileo, murmured when the tortures of the Inquisition had driven him to recant the Truth he knew, apply in a new way to our world today. Sometimes, in the knowledge of all that has been discovered, all that has been done to make life on the planet happier and more worthy, we may be tempted to settle down to enjoy our heritage. That would, indeed, be the betrayal of our trust.

These men and women of the past have given everything — comfort, time, treasure, peace of mind and body, life itself which we might live as we do. The challenge to each one of us is to carry on their work for the sake of future generations.

The adventurous human mind must not falter. Still must we question the old truths and work for the new ones. Still must we risk scorn, cynicism, neglect, loneliness, poverty, persecution, if need be. We must shut our ears to the easy voice which tells us that 'human nature will never alter' as an excuse for doing nothing to make life more worthy.

Thus will the course of the history of mankind go onward, and the world we know move into a new splendour for those who are yet to be.

Questions

- (a) What made Galileo recant the truth he knew? (5)
- (b) What is the heritage being alluded to in the first paragraph? (5)
- (c) What does the 'betrayal of our trust' imply? (5)
- (d) Why do we need to question the old truths and work for the new ones? (5)