

- 11** Which of the following statements regarding the gravitational field strength and acceleration of free fall at the surface of the Earth is true?
- A** The gravitational field strength is constant over the surface of the Earth but the acceleration of free fall varies from one location to another.
 - B** The acceleration of free fall is larger at the Equator than at the North and South Poles.
 - C** The gravitational field strength at the Equator can be obtained by measuring the weight of a one-kilogram mass.
 - D** The gravitational field strength is numerically greater than or equal to the acceleration of free fall.