

Exercícios

1. (Ufes 2012) Terremoto no Japão:

Data da ocorrência: 10 de março de 2011

Magnitude: 8,9 graus na escala Richter

Número de mortos: 13 mil

IDH\*: 0,884 (muito elevado)

Terremoto no Haiti:

Data da ocorrência: 12 de janeiro de 2010

Magnitude: 7 graus na escala Richter

Número de mortos: 200 mil

IDH\*: 0,404 (baixo)

\*O IDH – Índice de Desenvolvimento Humano é formado por dados sobre esperança de vida ao nascer, escolaridade e distribuição da riqueza produzida. Varia de 0 a 1.

Explique

a) a semelhança na causa da ocorrência de terremotos, nos dois países;

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b) a diferença no impacto social em consequência dos terremotos, entre os dois países, considerando suas situações socioeconômicas.

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2. (Unifesp 2011) Observe a imagem, leia o texto e responda.



De acordo com a teoria das placas tectônicas, a crosta terrestre está dividida em placas de espessura média de 150 km, que flutuam sobre o substrato pastoso, a astenosfera.

(Almeida e Rigolin, 2005. Adaptado.)

a) Qual a relação existente entre a teoria da deriva dos continentes e a teoria das placas tectônicas?

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b) Quais são os três tipos de limites entre as placas tectônicas?

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c) Exemplifique 1 (um) tipo de relevo gerado no limite entre as placas tectônicas Sul-Americana e de Nazca.

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4. Por que é reduzida a ocorrência de abalos sísmicos no Brasil?

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