

9.1 Sistem dan Struktur Bumi (Bhg.1) / 9.1 The System and Structure of the Earth (Part 1)

1. Bumi Terdiri daripada 4 komponen utama. Nyatakan komponen Bumi berdasarkan cirinya yang betul / Earth consists of four main components. State the Earth's components based on their characteristics.

Geosfera Geosphere	Biosfera Biosphere	Hidrosfera Hydrosphere	Atmosfera Atmosphere
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Komponen bumi Earth's component	Ciri-ciri Characteristic
a)	Hidupan merangkumi manusia, haiwan, tumbuhan dan organisma lain Living things that include humans, animals, plants and other organisms
b)	Lapisan bersifat pepejal yang meliputi kerak dan mantel bumi Solid layers that cover the crust and mantle of the Earth
c)	Lapisan udara yang mengelilingi bumi The air layers that surround the Earth
d)	70% daripada keseluruhan bumi yang terdiri daripada laut, air bawah tanah, tasik, sungai dan glasier. 70% of the entire Earth consisting of seas, underground water, lakes, rivers and glaciers

2. Tandakan pernyataan yang betul tentang stratifikasi atmosfera. Tick the correct statement about atmospheric stratification.

Pernyataan / Statement	
Awan, hujan dan salji terbentuk di lapisan troposfera. Clouds, rain and snow are formed in troposphere layer	
Pembakaran dan penghancuran meteorit berlaku di lapisan termosfera Combustion and destruction of meteorites occur in the thermosphere layer	
Lapisan stratosfera mengandungi lapisan ozon yang menyerap sinaran UV. The stratosphere layer contains the ozone layer that absorbs UV radiation.	
Aurora terbentuk di lapisan mesosfera Aurora is formed in the mesosphere layer	
Satelit komunikasi yang mengorbit Bumi terletak di lapisan eksosfera Communication satellites orbiting the Earth are located in the exosphere	

3. Namakan zon X, Y dan Z.
Name the zones X, Y and Z

