

Climate change and the oceans

0) _____ is warming – and most of the extra heat 1) _____ into the oceans. Ocean warming has many effects, including 2) _____ coral reefs, melting ice and stronger hurricanes.

You've probably heard that global warming is causing the sea levels 3) _____. There are two reasons 4) _____ this. Firstly, the sea water expands when it 5) _____ warmer. It doesn't expand by much, but 6) _____ a lot of water in the sea. 7) _____ the rise in sea levels we have had so far 8) _____ because of this effect.

Sea levels will rise a lot more as the ice melts 9) _____ Arctic and Antarctic. 10) _____, they could be 11) _____ higher. But this is a slow process: your children might see seas that are a metre higher than today. Even this will 12) _____ many coastal areas very dangerous 13) _____.

14) _____ years, the rise in sea levels 15) _____ a few millimetres per year. That doesn't sound like much, but it's a huge amount of extra volume. When huge storms blow the water up onto 16) _____, that extra volume suddenly 17) _____ a lot. The water can cause severe 18) _____ and destroy coastal communities. Island communities are particularly 19) _____.

Coral reefs are very important 20) _____ because up to 25% of all species living in the sea 21) _____ there. Reefs also protect the land from storms, so losing them will put our cities at risk, 22) _____ when combined with rising sea levels. Coral reefs have been made over millions of years by tiny animals, polyps, that 23) _____ from place to place and which share their tiny homes with microscopic plants, algae. The algae change sunlight and carbon dioxide (CO₂) into food to feed the polyp, so the two organisms keep 24) _____ alive. Many corals can only live within quite a narrow temperature range in shallow tropical seas. If the sea water gets warmer than normal, the algae die and the coral 25) _____ its colour and 26) _____ white. Without algae, the polyps starve and so the coral reef dies.

One of the main greenhouse gases is carbon dioxide. 27) _____ years 28) _____, scientists 29) _____ because there was more and more carbon dioxide in the atmosphere, but still not as much as they 30) _____. Then they found the reason: a lot of the gas was going into the oceans 31) _____ absorbed 25-50% of it. So 32) _____ good news, right?

33) _____. Seawater naturally contains a lot of calcium, the material which animals like shellfish and corals use 34) _____ their hard homes. More carbon dioxide in the water destroys this material and the animals cannot 35) _____. Chemical reactions are also making the oceans more acidic. Experiments 36) _____ that many sea organisms 37) _____ by even very small changes in the chemical properties of the water.

All the creatures in the oceans are part of a complex "food web". 38) _____ are the tiny plants and animals floating in the water (the plankton). They are eaten by small fish, which are in turn eaten by larger fish, and 39) _____ are eventually eaten by the top predators, 40) _____ some whales and dolphins. If any part of this food chain disappears the whole system can be in trouble. Many of the effects of warming seas are still unknown and they are 41) _____ worse by human-caused problems, such as overfishing and pollution.

A changing climate also 42) _____ the weather, but it is difficult to say exactly how, because weather is a very complex system. 43) _____, for around two decades scientists 44) _____ predicting an increase in extreme weather, such as storms, rain, wind, snow, and 45) _____. The experience 46) _____ the last few years shows that they were 47) _____. Global warming increases the frequency of cyclones. They form over warm ocean waters near the 48) _____. The warm, wet air over the ocean rises and cooler air is pulled in from the areas around. The air moves faster and faster 49) _____, changing into a cyclone. As cyclones take their energy from warm, wet air, this means that 50) _____ water temperatures lead to more frequent and stronger cyclones.

Kódové číslo	
Body	

Přečtěte si pozorně text a doplňte chybějící úseky jedinou variantou z tabulky, která je podle vás nejvhodnější. Písmeno zvolené možnosti vepište čitelně vpravo do silně orámované části tabulky. Nevpisujte žádné další dodatečné vlastní varianty.

	A	B	C	D	
0	Globe	Oceans	The world	Things	C
1	is going	went	had gone	had been going	
2	deadening	dieing	dyeing	dying	
3	rise	to rise	increasing	lifting	
4	because of	for	of	to	
5	gets	is going	changes	became	
6	there's	contains	it is	there are	
7	The majority of	The most of	Majority of	Most of	
8	are	happen	is	are caused	
9	at the	at	in	in the	
10	On end	In the end	At last	Eventually	
11	ten of metres	a ten-metre	ten-metre	tens of metres	
12	bring	make	do	affect	
13	to dwell	to inhabit them	to live in	to stay there	
14	In recent	At recent	In late	At lately	
15	have been	has been	were	had increased	
16	earth	land	the grounds	the soil	
17	matters	depends	cause	increase	
18	waving	floating	floding	flooding	
19	to risk	in danger	at the danger	in the risk	
20	for sea living	to the animals	to sea life	for sea	
21	are finded	find themself	is living	are found	
22	especialy	specialy	specially	especially	
23	cannot move	can not go	are impossible to go	is unable to move	
24	themselves	them	each other	one other	
25	loosen	lose	loose	loses	

	A	B	C	D	
26	grow	go	turns	is coming	
27	By a few	Until a few	Up to few	As long as a few	
28	beforehand	early	before	ago	
29	were confused	was puzzling	puzzle	were confusing	
30	anticipate	expect	had expected	has forecast	
31	, which	, that	what	where	
32	which is	these were	those are	this is	
33	None	Wrong	Incorrectly	Falsely	
34	to build	for the construction	building	making	
35	swim	last	outlive	survive	
36	have proofed	were showing	have shown	have showed	
37	suffer damages	break	are extincted	are damaged	
38	The deepest	Bottomest	In the bottom	At the bottom	
39	that	these	such	who	
40	such as	such like	which	likewise	
41	done	making	going	made	
42	effects	affects	influence	impact	
43	Logically	Though	However	In spite	
44	have been	are	were	will be	
45	draft	dry	drought	draught	
46	with	of	at	-	
47	precise	truth	true	right	
48	meridian	equator	equador	equinox	
49	while	on the meantime	in the process	in it	
50	rised	raised	risen	increased	

Přijímací zkouška z angličtiny 2018, verze 1 KEY

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