

## CAN YOU BELIEVE YOUR SENSES?

We use our senses to help us **0)** \_\_\_\_\_ the world. We might **1)** \_\_\_\_\_ have the powerful noses of dogs or the sharp hearing of bats, but **2)** \_\_\_\_\_ we can trust our senses to give us accurate **3)** \_\_\_\_\_ about the world around us. Or can we? It **4)** \_\_\_\_\_ our senses aren't quite as honest as we would like. In fact, they lie to us all the time. Here are just a few examples.

### EYES

**5)** \_\_\_\_\_ what we see is just guesswork. Our eyes are simply not that good. **6)** \_\_\_\_\_ did you know that we can only focus on a tiny area at once? Everything outside of that focus area is just a blur, an unclear field filled in with guesses from our brains, so what we "see" is often full of **7)** \_\_\_\_\_.

You might also **8)** \_\_\_\_\_ of your "blind spot", the spot in your **9)** \_\_\_\_\_ where you can't see at all because it's where your optic nerve connects. You usually don't notice it, because your brain is pretty good **10)** \_\_\_\_\_ guessing what must be **11)** \_\_\_\_\_, but you can prove to yourself that it exists with some optical illusions.

What you might not know is that you're completely blind for about 40 minutes every day. How is that possible? We don't usually realize it, but humans don't actually see **12)** \_\_\_\_\_ very well. When things are moving, they get **13)** \_\_\_\_\_, and **14)** \_\_\_\_\_ blur leads to motion sickness. To protect us from that, we become totally blind every time we move our eyes quickly. Don't believe it? It's easy **15)** \_\_\_\_\_. Stand in front of a mirror and look at your left eye. Now, look at your right eye. Did you see your eyes move? No. In fact, for the time it **16)** \_\_\_\_\_ your eyes to move, you didn't see anything: you were blind! This happens thousands of times per day. It only lasts about 50 milliseconds, but it is possible **17)** \_\_\_\_\_ quick things like flashes of light during these blind moments.

### EARS

Our ears **18)** \_\_\_\_\_ all the sound around us at the same time, but **19)** \_\_\_\_\_ doesn't actually hear most of it. In fact, our brains throw away **20)** \_\_\_\_\_ doesn't seem important at the moment. So when you go into a crowded **21)** \_\_\_\_\_ to meet a friend, your brain basically throws away almost everything that isn't **22)** \_\_\_\_\_ story about how unfair their teachers are. A lot of crazy stuff **23)** \_\_\_\_\_ in the background, and you wouldn't even notice. (In fact, all of your senses **24)** \_\_\_\_\_, not just your ears. Your brain just doesn't care that much about anything you're not focusing on at the moment.)

If you think that's **25)** \_\_\_\_\_, well, it doesn't happen without a reason. **26)** \_\_\_\_\_ people **27)** \_\_\_\_\_ brains don't ignore background noise. This is called auditory processing disorder and it's most common **28)** \_\_\_\_\_ autistic people. Sounds like a superpower, right? Well, not so much. People with this disorder have problems **29)** \_\_\_\_\_ what they hear, because they can't separate, for example, one person's voice from the sounds of other people talking in the background. Maybe it's OK for your ears to lie to you.

### SKIN

Yes, even our sense of **30)** \_\_\_\_\_ lies to us. In this case, majority rules. If two of our very sensitive fingers sense something, our brains can decide that all our fingers felt that same thing. This is easy to test: **31)** \_\_\_\_\_ two coins in the freezer for a bit and **32)** \_\_\_\_\_ a third coin on the table. Then remove the coins from the freezer and place them next to the one on the table, with the warm coin in the middle. Touch the cold coins with your index and ring

fingers. Your brain is now thinking, “Aha! Coins are cold.” Now touch the middle coin with your middle finger. It feels **33)** \_\_\_\_\_, even though it isn’t.

## NOSE

Everyone has heard about “stinky cheese”. Sometimes expensive cheese seems to smell like unwashed feet. But does it really smell **34)** \_\_\_\_\_ ? Yes, it does. Even parmesan, a cheese that most people think smells good, smells like feet. It actually contains the same scent chemical as smelly feet. So why don’t we feel sick when we put delicious parmesan on our spaghetti? Our senses are **35)** \_\_\_\_\_ to us. In this case, they see cheese and think “Oh, yummy cheese.” They expect **36)** \_\_\_\_\_ tasty. When they see dirty socks, they expect a bad smell. To prove this, researchers conducted a test. People **37)** \_\_\_\_\_ and given a scent sample. **38)** \_\_\_\_\_, they were told it was a parmesan sample. They said it smelled good. Then they were given the exact same sample and told **39)** \_\_\_\_\_ smelly socks. They said it smelled terrible. But now that you know your spaghetti **40)** \_\_\_\_\_ like feet, will you still enjoy it? Maybe it’s better not to think about it.

## TONGUE

You’ve probably heard that your taste buds are affected by your sense of smell. In fact, they don’t sense very much **41)** \_\_\_\_\_, and smell **42)** \_\_\_\_\_ play a big part. But your nose isn’t alone. Your eyes also interfere with how something tastes. Again, researchers have tested this. They gave professional **43)** \_\_\_\_\_ two glasses of wine. One was red, and **44)** \_\_\_\_\_ was white. The wine experts tried each of them and described the flavours. They were very different, of course. Except they weren’t different at all. The “red” wine was the exact same wine as the white one, it just had red food colouring in it. Similar tests **45)** \_\_\_\_\_ several times. And it’s not just our eyes that decide how something will taste. In another test, wine experts were given two glasses of red wine. They **46)** \_\_\_\_\_ that one of them was cheap, and the other was expensive. After tasting, they again gave very different descriptions of each, with **47)** \_\_\_\_\_ one getting a better rating. But once again, they were the exact same wine. This means that when we expect something to taste good or bad, it probably **48)** \_\_\_\_\_. Remember that the next time you’re afraid to taste something new.

So it’s clear that we can’t trust any of our senses. What should we do about it? Well... nothing. Our brains prioritize important information and use shortcuts **49)** \_\_\_\_\_ of our limited abilities. It’s interesting to learn how our bodies and brains work, but most of these little white lies exist **50)** \_\_\_\_\_ reason.

Přijímací zkouška z angličtiny 2020, verze 1

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 orámovaného sloupce vpravo. Nevpisujte žádné další dodatečné vlastní varianty.

	A	B	C	D	
0	navigating	navigate	in navigation	navigation in	<b>B</b>
1	-	always	obviously	not	
2	in the least	at least	at last	at the last	
3	date	datas	information	informations	
4	comes down	turns out	looks out	brings up	
5	A lot of	Much	Many of	Plenty	
6	How often	How	For example,	Clearly,	
7	problem	mistakes	trouble	incertainty	
8	have been listening	listen	heard	have heard	
9	vision	looking	seeing	look	
10	on	in	for	at	
11	seen	there	observed	in it	
12	movement	the movement	the movements	a movement	
13	blurring	blury	blurry	blured	
14	a small amount	plenty	so many	too much	
15	proof	prove	prooving	to prove	
16	finished	continued	took	lasted	
17	to miss	to lose	to mistake	losing	
18	turn on	collects	take in	get in	
19	the average person	a middle person	normal person	the usual person	
20	everything, which	everything that	anything what	all, that	
21	coffee	cafe	cafateria	cofee	
22	your fancy	your friends's	your friend's	your friendly	
23	could be happening	could hapen	could go	could be going	
24	are making this	make that	do this	performs this	
25	not	a nonsense	pity	a shame	

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
26	There are	They are	There is	It is	
27	whom	whose	who	that	
28	among	between	of	at	
29	understanding	to realise	believing	to listen	
30	touchment	feeling	touch	attachment	
31	give	put	take	bring	
32	push	remain	leave	let	
33	same	chill	coldly	cold	
34	such awfully	so terribly	so badly	that bad	
35	lying	laying	lieing	lyeing	
36	to smell	it smelling	it to smell	smelling it	
37	were blindfooled	were blindfolded	were blind	were blinded	
38	First	In the first	Formerly	Initially	
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43	wine testees	wine toasters	wine tasters	wine teasers	
44	next	an other	second	the other	
45	have been done	have taken	were made	happened	
46	were said	said	were told	told	
47	most expensive	the expensiver	the more expensive	more expensive	
48	is	will	did	true	
49	to make the most	to do the best	to increase	to compensate	
50	from the same	from	from one	for a	

Přijímací zkouška z angličtiny 2020, verze 1 - KEY

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