

АНГЛІЙСЬКА МОВА ОСІННЯ СЕСІЯ 2017



10 КЛАС

I. READING

Nuclear fallout is the residue radioactive material moved into the upper atmosphere following a nuclear blast, so called because it "falls out" of the sky after the explosion and the shock wave have passed. It commonly refers to the radioactive dust and ash created when a nuclear weapon explodes. This radioactive dust is a highly dangerous kind of radioactive contamination.

There are two kinds of bursts called air and ground bursts which describe two possible kinds of fallout - global and local, and their consequences. An air burst (i.e. a nuclear detonation far above the surface) can eventually produce global fallout. A ground burst can produce possibly much more severe, local fallout. The radio-biological hazard of global fallout is long-term because of the potential accumulation of long-lived radioisotopes (such as strontium-90 and caesium-137) in the body as a result of ingestion of foods containing the radioactive materials. Local fallout is more concentrated and of far more immediate concern. Whenever individuals remain in a radiologically contaminated area, such contamination leads to an immediate external radiation exposure as well as a possible later internal hazard from inhalation and ingestion of radiocontaminants, such as the rather short-lived iodine-131, which is accumulated in the thyroid.

The dose that would be lethal to 50% of a population is a common parameter used to compare the effects of various fallout types or circumstances. Usually, the term is defined for a specific time, and limited to studies of acute lethality. The common time periods used are 30 days or less for most small laboratory animals and to 60 days for large animals and humans. Most people become ill after an exposure to 1 Gy (gray is the unit of the absorbed dose of ionizing radiation) or more. The fetuses of pregnant women are often more vulnerable to radiation and may miscarry, especially in the first trimester. Delayed effects may appear months to years after irradiation and include a wide variety of effects involving almost all tissues or organs. Some of the possible delayed consequences of radiation injury are life shortening, carcinogenesis, cataract formation, chronic radiodermatitis, decreased fertility, and genetic mutations.

During the Cold War, the governments of the U.S., the USSR, Great Britain, and China attempted to educate their citizens about surviving a nuclear attack by providing procedures on minimizing short-term exposure to fallout. This effort commonly became known as Civil Defense.

1. Based on its use in paragraph 1, what is the best definition of "shock wave"?

- A) An area of very high pressure moving through the air, earth, or water.
- ()Б) A period of abnormal cold and darkness predicted to follow a nuclear war, caused by a layer of smoke and dust in the atmosphere blocking the sun's rays.
- ()B) The process or fact of irradiating or being irradiated.
- ()Γ) Radioactive waste material, for example from the use or reprocessing of nuclear fuel.

2. Based on its use in paragraph 1, what does the word "contamination" refer to?

A) pollution	
○B) contagion	

О Б)	defilement
$\bigcap \Gamma$)	infection

3.	As	it is	mentione	d in	the	text,	what	does	Civil
	De:	fens	e stand for	r?					

- A) protecting the citizens of a state from military attacks and natural disasters
-)Б) obeying certain laws, demands, and commands of a government, or of an occupying international power
- ()B) focusing on worldwide issues such as climate change, deforestation, commercial genetic engineering, and etc.
- ○Γ) protecting human life and health, ensuring respect for all human beings

4. According to the information given in paragraph 4, what are the consequences of irradiation for human fetuses?

muman retuses:	
A) decreased fertility	○Б) radiation dermatitis
○B) radiation poisoning	Γ) misbirth

5. Based on its use in paragraph 3, thyroid describes:

- A) a gland in the neck which secretes hormones regulating growth and development through the rate of metabolism
-)Б) an abdominal organ involved in the production and removal of blood cells in most vertebrates and forming part of the immune system
- ()B) a large gland behind the stomach which secretes digestive enzymes into the duodenum
- ()Γ) a tubular structure carrying blood through the tissues and organs; a vein, artery, or capillary

II. COMMUNICATION AND VOCABULARY

	et the agency again. Let's come up with this time.
○A) How do you mean?	● B) Great idea! Let's do it!
○B) Really? You	\bigcap Γ) Okay, thanks for that.

7 A: Have you ever taken any of these tests

surprise me.

yourself?	taken any	or thes	e lesis
B:			
A) Right, I see.			

○Б) Hmm,	interesting	question.	Suppose	there're
lots of	reasons.			

- ()B) Mmm, interesting. So, how useful are the tests?
- Γ) Yes, I have. The results were fascinating.

B:
 □ B) I'm really sorry to hear that. What are you going to do? □ B) For pity's sake! □ C) Oh, come on! He's never been your type. 9. A: Did you know that women, actually, are better drivers than men? B:
to do? B) For pity's sake! C) Oh, come on! He's never been your type. 9. A: Did you know that women, actually, are better drivers than men? B:
 B) For pity's sake! C) Oh, come on! He's never been your type. 9. A: Did you know that women, actually, are better drivers than men? B:
 9. A: Did you know that women, actually, are better drivers than men? B:
B:
B:
A) I can't believe that. You must be kidding! B) Check this out. B) Let's make impossible possible. C) How do you know? 10 are used for tennis, volleyball, football, basketball, hockey and badminton. A) Goals B) Wickets C) Nets C) We regret you that your application has been unsuccessful. A) informing B) whether C2. We regret you that your application has been unsuccessful. A) informing B) to inform C) having been informed C3. The hotel was expensive than I expected A) a lot more
 B) Check this out. B) Let's make impossible possible. Γ) How do you know? 10 are used for tennis, volleyball, football, basketball, hockey and badminton. A) Goals B) Which there. A) if B) whether C) weather We regret you that your application has been unsuccessful. A) informing B) to inform B) to have informed C) having been informed T) having been informed The hotel was expensive than I expected A) a lot more B) which C) weather D) to inform D) to inform D) having been informed A) a lot more D) less
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B) Wickets 11 occurs when people find themselves in conflict due to a fundamental incompatibility in their personalities. A) Informing B) to Informing C) having been informed 23. The hotel was expensive than I expected A) a lot more C) having been informed A) a lot more C) having been informed D) to informing D) having been informed D) having been informe
11 occurs when people find themselves in conflict due to a fundamental incompatibility in their personalities. 23. The hotel was expensive than I expected A) a lot more
in their personalities.
in their personalities. A) a lot more
B) Peer pressure Γ Bullying 24. I don't go out you.
12. Many cultures have a during the hottest
part of the day.
A) brunch S) fiesta 25. I haven't got friends.
B) hors d'oeuvre
13. As such as coal, gas, oil are being used B) many Γ) lots of
up, governments are keen to find alternative sources of energy. 26. Helen wants to go to university when she leaves school.
A) nuclear fuels
\bigcirc B) synthetic fuels \bigcirc F) liquid fuels \bigcirc B) a / the \bigcirc F) an / a
14. Typically, works give the viewer the impression of movement, hidden images and Mediterranean
vibrating patterns. A) - / an / the
\bigcirc A) pop art \bigcirc B) A / the / the \bigcirc C) = / an / a
(B) fine art (DB) fine art (DB
III. Grammar
15. I up early yesterday. It a beautiful morning. The sun and birds
A) woke / was / was shining / were singing B) how long I had been working
(b) was waking / had been / is shining / are singin
B) wake / was / shone / sang 29. course / the / September / in / very / is / which
Γ) woke / was / shone / sang
16. Susan is an interesting person. She many Sentember
different jobs and in many places. A) had done / had lived Sontember. Sontember.
(F) has been beging / has been living
B) The course, which begins in September, is very difficult.
Γ) is doing / is living Γ) Very difficult the course, which in September
17. My train at 11.30, so I need to be at the station by 11.15 begins, is. 30. I pretended the paper.
A) shall leave
(A) shall leave (B) to be reading (B) is leaving (Γ) is going to leave (C) read (C)