NATIONAL ACADEMY OF SCIENCES OF UKRAINE RESEARCH AND EDUCATIONAL CENTER FOR FOREIGN LANGUAGES

_«Затверджую»

Директор ЦНДВІМ НАНУ, к.філол.н., доц. Жалай В.Я. 2022 Entrance Test

I. Read the text and answer the questions that follow.

As new technologies are being developed, innovation around the application of existing technology is <u>rapidly</u> changing how organizations operate and how we <u>interact</u> with the world. Leaps in computing capacity, data capture and connectivity are accelerating <u>this change</u>. Here are several areas to watch in 2022 and beyond.

Artificial intelligence (AI) is about machines with human attributes - speaking, reading, seeing and even recognizing emotions. Using algorithms that <u>adapt</u> to location, speech or userhistory machines can perform dangerous tasks more <u>accurately</u> or much faster than humans. Within a few years, analysts <u>predict</u> that all software will use AI at some level, <u>according to</u> US research and advisory firm Gartner.

Robotics and automation go back to the 1960s. Nowadays, advances in machine learning and connectivity, <u>for example</u>, put automation firmly at the forefront of technology <u>trends</u>. From convenient devices at home to industrial and manufacturing applications on a massive scale, automation will be a key focus of technological change, with potentially far-reaching economic and social consequences.

Internet of Things (IoT). The combination of technologies and the connection of people, devices, content and services is the foundation for new business models, platforms and possibilities that will transform how we live and work, with implications that go far beyond the technology itself and involve disciplines such as law, economics, business and politics. It is <u>clear</u> that <u>opportunities</u> will exist for those with the technical knowledge to connect platforms, as well as for those with the data analytics skills to utilize the rich stream of information generated by IoT applications.

(After: https://www.uts.edu.au/about/faculty-engineering-and-information-technology/postgraduate/articles/five-tech-trends-2022)

- 1. What is the best title for the passage?
- a. 2022 trends for data
- b. Trends for 2022
- c. Tech trends for 2022
- d. Three tech trends for 2022
- 2. The underlined phrase this change refers to
- a. innovation around the application of existing technology
- b. leaps in computing capacity, data capture and connectivity
- c. how organizations operate and how we interact with the world
- d. several areas to watch
- 3. Artificial intelligence (AI) is about
 - a. the history of emotions
 - b. building intelligent machines
 - c. explaining the origin of life
 - d. discovering the structure of matter
- 4. Automation is likely to have
 - a. significant consequences
 - b. minor consequences
 - c. negative consequences
 - d. undesired consequences

J.	Internet of Things (Id	oT) is a revolutio	onary approach for f	future technology enhancement
	a. and the traditional way of living b. but it is not efficient, comfortable and reliable			
	c. but it only provide d. and it will contin	es services		ogies and spheres
6.				blaced by which of the
	following:			
7	a. slowly	b. surely d/phrase_inter		d. quickly placed by which of the
7.	following:			
8.	a. to communicate The underlined wor			d. to transform aced by which of the following:
	a. refer	b. apply	c. adjust	d. according
9.	The underlined work following:	d/phrase more	<u>accurately</u> could b	est be replaced by which of the
	a. safely	-	c. repeatedly	
10	. The underlined work following:	d/phrase <u>predi</u>	<u>ct</u> could best be rep	placed by which of the
	a. foresee	b. forbid	c. deny	d. reply
11				be replaced by which of the
	following:			
10	a. cf.	b. ibid.	c. i.e.	d. e.g.
12	following:	d/phrase <u>tren</u>	<u>as</u> could best be rej	placed by which of the
	a. tendency	b. data	c. instructions	d. tendencies
13	2	d/phrase <u>accor</u>	<u>ding to</u> could best l	be replaced by which of the
	following:	1 1.	C	
14				of fact d. as reported by aced by which of the following:
17	a. shiny	b. bright	c. obscure	d. obvious
15		0		
		d/phrase <u>oppo</u>	<u>rtunities</u> could best	be replaced by which of the
	following:			
_	following: a. some options l			
	following: a. some options l e the correct option:	o. good chances	s c. strict rules	
	following: a. some options l e the correct option: engineers	5. good chance s get an MBA for	s c. strict rules	d. lucky happenstance
16	following: a. some options I e the correct option: engineers a. Much b. 7	5. good chance s get an MBA for Fhe most	s c. strict rules a career change. c. Most	d. lucky happenstance d. When most
16	following: a. some options I e the correct option: engineers a. Much b. 7 . Established	5. good chance s get an MBA for The most to cash inc	s c. strict rules a career change. c. Most ude cards (mostly o	d. lucky happenstance d. When most
16 17	following: a. some options I e the correct option: engineers a. Much b. 7 . Established a. alternative b. a . These and other adv	5. good chance s get an MBA for The most to cash inct and an alternati rances will	s c. strict rules a career change. c. Most ude cards (mostly o ve c. the alterna fundamental	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes.
16 17 18	following: a. some options I a. the correct option: engineers a. Much b. 7 b. 5 c. Established a. alternative b. 5 c. These and other adv a. brings b.	b. good chance s get an MBA for The most to cash inc and an alternati rances will brought	s c. strict rules c. a career change. c. Most ude cards (mostly o ve c. the alterna fundamental c. bring	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes.
16 17 18	following: a. some options I the correct option: engineers a. Much b. 7 . Established a. alternative b. 4 . These and other adv a. brings b. 7 . Such a complicated s	5. good chance s get an MBA for The most to cash inc and an alternati rances will brought system r	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna fundamental c. bring necessary.	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing
16 17 18 19	following: a. some options I a. some options I the correct option: engineers a. Much b. 7 a. Much b. 7 b. 7 Established a. alternative b. 7 a. alternative b. 7 b. 7 Such a complicated s a. not b .	b. good chance s get an MBA for The most to cash inc and an alternati rances will brought system r isn't	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna fundamental c. bring uecessary. c. no	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never
16 17 18 19	following: a. some options I the correct option: engineers a. Much b. 7 . Established a. alternative b. 3 . These and other adv a. brings b. 7 . Such a complicated s a. not b . . In October 2011, a k	b. good chance s get an MBA for The most to cash incl and an alternati rances will brought system r isn't ey amendment	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna c. bring necessary. c. no to this reform	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never into force.
16 17 18 19 20	following: a. some options I a. some options I the correct option: engineers a. Much b. 7 a. Much b. 7 b. 7 Established a. alternative b. 7 a. alternative b. 7 b. 7 Such a complicated s a. not b .	b. good chance s get an MBA for The most to cash incl and an alternati rances will brought system r isn't ey amendment has come	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna fundamental c. bring uecessary. c. no	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never
16 17 18 19 20 21 a. i	following: a. some options I the correct option: engineers a. Much b. 7 . Established a. alternative b. 7 . These and other adv a. brings b. 7 . Such a complicated s a. not b . . In October 2011, a k a. comes b. . How can you be sure in b.	b. good chance s get an MBA for The most <u></u> to cash incl and an alternati rances will <u></u> brought system <u></u> r isn't ey amendment has come ethat? at	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna c. bring necessary. c. no to this reform c. came c. for	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never into force.
16 17 18 19 20 21 a. i 22	following: a. some options b the correct option: engineers a. Much b. 7 . Established a. alternative b. 7 . These and other adv a. brings b. . Such a complicated s a. not b . . In October 2011, a k a. comes b. . How can you be sure in b. . This technology is w	b. good chance s get an MBA for The most to cash incl and an alternative ances will brought system r isn't ey amendment has come ethat? at ridely	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna c. bring eccessary. c. no to this reform c. came c. for _ nowadays.	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never into force. d. will come d. of
16 17 18 19 20 21 a. i 22 a. v	following: a. some options I the correct option: engineers a. Much b. 7 a. Much b. 7 b. 7 Established a. alternative b. 7 a. alternative b. 7 b. 7 These and other adv a. brings b. 7 Such a complicated s a. not b . Such a complicated s a. not b . In October 2011, a k a. comes b. How can you be sure in b. This technology is w used b.	b. good chance s get an MBA for The most to cash incl and an alternati rances will brought system r isn't ey amendment has come ethat? at ridely using	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna fundamental c. bring necessary. c. no to this reform c. for _ nowadays. c. uses	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never into force. d. will come d. of d. use
16 17 18 19 20 21 a. i 22 a. 1 23	following: a. some options I <i>the correct option:</i> engineers a. Much b. 7 . Established a. alternative b. 7 . These and other adw a. brings b. 7 . Such a complicated s a. not b . . In October 2011, a k a. comes b. . How can you be sure in b. . This technology is w used b.	b. good chance s get an MBA for The most to cash incl and an alternati rances will brought system r isn't ey amendment has come ethat? at ridely using nonly ask you to	s c. strict rules c. a career change. c. Most ude cards (mostly of ve c. the alterna fundamental c. bring necessary. c. no to this reform c. for _ nowadays. c. uses choose a location _	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never into force. d. will come d. of d. use a file.
16 17 18 19 20 21 a. i 22 a. 23 a. 1	following: a. some options b the correct option: engineers a. Much b. 7 . Established a. alternative b. 7 . Established a. alternative b. 7 . These and other adv a. brings b. 7 . Such a complicated s a. not b . . Such a complicated s a. not b . . In October 2011, a k a. comes b. . How can you be sure in b. . This technology is w used b. . Programs will comm to save b.	b. good chances s get an MBA for The most to cash incl and an alternative ances will brought system r isn't ey amendment has come ethat? at ridely using nonly ask you to save	s c. strict rules c. Most ude cards (mostly of ve c. the alterna fundamental c. bring tecessary. c. no to this reform c. for _ nowadays. c. uses choose a location _ c. saved	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never d. never into force. d. will come d. of d. use a file. d. saves
16 17 18 19 20 21 a. i 22 a. 1 23 a. t 24 a. j	following: a. some options I <i>the correct option:</i> engineers a. Much b. 7 . Established a. alternative b. 7 . Established a. alternative b. 7 . These and other adve a. brings b. 7 . Such a complicated s a. not b . . Such a complicated s a. not b . . In October 2011, a k a. comes b. . How can you be sure in b. . This technology is we used b. . Programs will comments b . . Much of the information part b.	b. good chances s get an MBA for The most to cash incl and an alternati rances will brought system r isn't ey amendment has come ethat? at ridely using nonly ask you to save tion available is parts	s c. strict rules c. Most ude cards (mostly of ve c. the alterna fundamental c. bring ecessary. c. no to this reform c. for _ nowadays. c. uses choose a location c. saved incomplete or only	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never d. never into force. d. will come d. of d. use a file. d. saves
16 17 18 19 20 21 a. i 23 a. 1 23 a. 1 24 2, 1 25	following: a. some options I b. the correct option: engineers a. Much b. 7 b. Established a. alternative b. 7 b. Established a. alternative b. 7 b. These and other adv a. brings b. 7 b. Such a complicated s a. not b . . Such a complicated s a. not b . . In October 2011, a k a. comes b. . How can you be sure in b. . This technology is w used b. . Programs will comm to save b. . Much of the informa part b. . It used to work,	b. good chances s get an MBA for The most to cash incl and an alternati ances will brought system r isn't ey amendment has come ethat? at ridely using nonly ask you to save tion available is parts a little.	s c. strict rules c. Most ude cards (mostly of ve c. the alterna fundamental c. bring ecessary. c. no to this reform c. for _ nowadays. c. uses choose a location c. saved incomplete or only	d. lucky happenstance d. When most credit or debit). tives d. alternatives changes. d. bringing d. never d. never into force. d. will come d. of d. use a file. d. saves