přijímací zkouška

AR 2017/2018

BAKALÁŘSKÝ STUDIJNÍ PROGRAM B 6208 EKONOMIKA A MANAGEMENT

Kontakt:

České vysoké učení technické v Praze Masarykův ústav vyšších studií Kolejní 2637/2a 160 00 Praha 6

Kontaktní e-mail: info@cvut.cz

Telefonní kontakt:

sekretariát: +420 224 353 163 PR kontakt: +420 224 353 164

IČ: 68407700 DIČ: CZ68407700 Bankovní spojení: KB Praha 6 č.ú. 19-8491620277/0100



ENGLISH LANGUAGE TEST – total score 50 points

TASKS 1-6

Read the sentences and write the correct answers (A,B, C	C or D) on your answer sheet. Pay attention to business
terminology and English grammar.	(20 pts.)

teri	minology and English grami	iidi.	(20	pts.)	
1.	When you apply for a job,	you also have to provide your			
	A MP	B CV	C CEO	D MD	
2.	The top executive responsible for a firm's overall operations and performance is in Britain referred to as the director.				
	A Chief executive	B Managing	C Human resources	D Finance	
3.	A place where a conference is held is its				
	A placement	B room	C stage	D venue	
4.	A: Hello. My watch doesn' B: Ok, I what I can do ab	_			
	A 'll see	B 'm going to see	C haven't seen	D 'm seeing	
5.	I couldn't remember whe	n			
	A the company is floated.	B the company are being floated.	C the company has been floated.	D the company had been floated.	
Rea	ed the text and mark the an	swer which has the same mean	ing (A.B. C or D) on your ans	swer sheet. (6pts.)	

"Around the United States this holiday season, camera shops, department stores, and pharmacies have been having a hard time keeping up with demand for the selfie stick, a \$10-to-\$30 retractable pole that people clamp onto their smartphones to take better pictures of themselves."

A US retailers are unable to supply enough selfie sticks which are \$10-to-\$30 poles that are attached to a smartphone if people want to photograph themselves more successfully.	as abroad, US retailers are unable to sell enough selfie sticks which are \$10-to-\$30 poles that are attached to a smartphone if people want to photograph themselves more easily.	c US retailers as unable to sell enough selfie sticks which a \$10-to-\$30 frames that a attached to a smartphone is people want to photograph themselves more easily.	sufficiently supplied with a selfie stick which is a \$10-to-\$30 frame that is attached if to a smartphone
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TAS	KS 7-10								
Find	I the rig	ht solution to the prol	olem.Ma	rk the correct letter (A	, В, С о	r D) on the answei	r sheet.		(6pts.)
7.	"I want	to talk to Mr. Brown,	but he's	not available at the mo	oment.'	,			
	Α	"You can take a message."	В	"Yes, he's having a meeting."	С	"You can leave a message."	D	"Do you h appointm	
		ticle below and choos (A,B, C or D) on your a		ading which summaris	es its co	ontent in the best	way. Wr		rrect (6pts.)
8.		Labor Department seeks help		Unexpected increase of jobless claims	С	Labor Market Finally Picks up	D	Welfare in crisis	
expa in 20 end	ansion s 000, acc ed Dec.	trengthened. An avera ording to figures from	ige of 308 the Labo ed, displa	mployment benefits in 3,500 workers a week for Department. Applications the typical year-e	iled job tions cli	less claims last yea imbed by 17,000 to	ar, the le 298,00	ast since 2 0 in the w	299,600 eek
				ousiness/20150101_Bu	siness_	news_in_brief.htm	nl#mjqm	QSisc6TU\	Ns9y.99
Wri		ticle again and decide orrect alternative on y		llowing statements are ver sheet.	e true (⁻	Γ), false (F) or if the	e article	does not	say (D).
Acc	ording to	the author							
9.	the av	erage number of filed	jobless cl	aims hasn't been bett	er for tv	welve years.	т	F	D
10.	the un	employment rate was	falling st	eadily till November.			т	F	D

VZOROVÝ TEST Z MATEMATIKY

- 1. Nakoupené zboží bylo v celkové hodnotě 5000 Kč (včetně DPH). Kolik dělá cena zboží bez DPH při sazbě DPH 21%?
- a) 3950 Kč
- b) 4132 Kč
- c) 3741 Kč
- d) 4287 Kč
- 2. Množina všech řešení nerovnice $\frac{x-2}{x-3} \frac{5}{x-1} \le 1$ v oboru reálných čísel je
- a) $x \in (1,3)$
- b) $x \in (1,3) \cup (\frac{7}{2},+\infty)$
- c) $x \in (3,+\infty)$
- d) $x \in (-\infty,1)$
- 3. Body A[-3,4], C[4,3] jsou protější vrcholy čtverce ABCD. Obsah tohoto čtverce je
- a) P = 16
- b) P = 25
- c) P = 36
- d) P = 49
- 4. Hodnota výrazu $\frac{4\sqrt{2} + \sqrt{6}}{2\sqrt{2} + \sqrt{6}}$ je
- a) $5 + 2\sqrt{3}$
- b) $5 2\sqrt{3}$
- c) $5 \sqrt{6}$
- d) $5 + \sqrt{6}$
- 5. V množině reálných čísel jsou všechna řešení rovnice $x^{\log x} = 1000 x^2$
- a) x = 1000
- b) x = 100
- c) x = 0,1
- d) $x_1 = 1000$; $x_2 = 0.1$
- 6. V rovnici $4x^2 8x + c = 0$ určete reálný parametr c tak, aby pro kořeny x_1, x_2 dané rovnice platilo $x_1 = x_2 + 1$.
- a) c=5
- b) $c_1=3$, $c_2=5$
- c) c=3
- d) hledaný parametr c splňující danou podmínku neexistuje

- 7. Množina všech řešení rovnice $\sin x + \cos 2x = 1$ v intervalu $(0,2\pi)$ je
- a) $\{\frac{\pi}{6}, \frac{5\pi}{6}, \pi\}$
- b) { $\frac{\pi}{3}, \frac{2\pi}{3}, \pi$ }
- c) { $\frac{\pi}{4}, \frac{3\pi}{4}, \pi$ }
- d) { $\frac{\pi}{2}, \pi, \frac{3\pi}{2}$ }
- 8. Sestavte geometrickou posloupnost tak, aby součet prvního a třetího členu byl 5, součet druhého a čtvrtého členu byl 10. Pátý člen této geometrické posloupnosti je
- a) 10
- b) 16
- c) 20
- d) 24
- 9. Rovnice $\sqrt{2x+1+2\sqrt{2x+3}}=1$ má v množině reálných čísel
- a) dva kořeny $x \in \{-1,3\}$
- b) jeden kořen x = 3
- c) nemá žádný reálný kořen
- d) jeden kořen x = -1
- 10. Najděte všechny společné body kružnice dané rovnicí $x^2 + y^2 6x 4y + 3 = 0$ a přímky p: y = x + 3.
- a) A[0,3] a B[2,5]
- b) *A*[0,3]
- c) A[0,2] a B[3,5]
- d) A[0,3] a B[3,5]