(CAD/CAM + presentations)

Test 2

13M1/M2/M3 (C1)
czw.12.45
Total: /70

I. What professions use CAD and what for? Write professions next to the right description.(5 points)

1.	designing and testing how the air will flow over the component, determining how the object will react to different variables as ice, snow, strong wind etc.	
2.	designing components and units which are present in every electronical device	
3.	testing strength of materials before they are used in constructions	
4.	design and develop life-saving and health-improving devices	
5.	test how all products look, feel, interact	

II. Put the following words in the right sequence to make sentences CAD/CAM systems, then write A(for advantage) or D (for disadvantage). (10 points)

1. **percent /productivity /software/ increases/ by /CAM/ as much as/ 50 /initially.**

   _____ ____

2. **of /Work/ be/ because/ can /the/ breakdown/ of/ sudden/ lost/ computers.**

   _____ ____

3. **erasing /can /without/ be/ Designs/ altered.**

   _____ ____

4. **possible /Computer/ are/ errors.**

   _____ ____

5. **elements/ be/ Certain/ to/ facilitate/ can/ inspection/ magnified.**

   _____ ____

III. Match words from A and B into pairs to form collocations. Translate into Polish in C. (20p)

A	B	C
1. 3D __	A. aided	
2. geometrical __	B. to	
3. computer-__	C. testing	
4. time-__	D. representation	

LIVEWORKSHEETS

5. refer __	E. parameters	
6. real-__	F. saving	
7. derived __	G. pattern	
8. rapid __	H. changing	
9. thought__	I. world (adj)	
10. game __	J. from	

IV. Decide whether the following sentences are T/true or F/false. (15p)

1. The negative copy where black lines turn white and blank space turns blue is called a blue print. ___
2. Industrial revolution started in the same year in which a blue print was discovered. ___
3. Alan Turing was an American astronomer. ___
4. The term CAD was invented by Patrick Hanratty. ___
5. In 1971 General Motors introduced the microprocessor to the world. ___
6. ADAM is the CAD software known as automated drafting and machinery introduced by Patrick Hanratty. ___
7. Much of the gasoline in the US contains around 40% of ethanol. ____
8. It is impossible to make biofuel from corn. ____
9. Biodiesel is derived from vegetable oil, animal fat and cooking grease. ____
10. Dual clutch gearbox technology dates back to the Porsche Racing team in the late 1880s. ___
11. Drum brakes are more powerful , generate less heat and are much easier to manage than disc brakes ___
12. Porsche cars have the ignition key to the left of the steering wheel. ____
13. If you have off-road or all-terrain tires on your car they have a little number of grooves and and the groves are typically shallow which allows maintain contact with the road. ____
14. Barry Trimmer model a robot of an octopus. ___
15. Kevlar is the new robotic fabric created by Kramer which moves in response to electrical current ___

V. Translate into Polish or English (10p)

	krok milowy		tempomat
cornerstone		chassis	
	paliwo kopalniane		spalanie (w silniku)
	surowiec	elongate	
blended		tentacle	

VI. Match words to their definitions. (10 points)

1.	coin	a.	the physical and electronic parts of a computer, rather than the instructions it follows

LIVEWORKSHEETS

2.	indispensable	b.	equipment attached to the wheels of a vehicle that reduces uncomfortable effects of going over road surfaces that are not even
3.	hurdle	c.	to invent a new word or expression, or to use one in a particular way for the first time
4.	hardware	d.	move or go with a smooth up-and-down motion
5.	mandate	e.	large in amount, size, force, etc.; heavy; weighty
6.	suspension	f.	too important not to have; necessary
7.	simultaneously	g.	stiff or unyielding; not pliant or flexible
8.	undulate	h.	happening or being done at exactly the same time
9.	rigid	i.	a problem that you have to deal with before you can make progress
10.	hefty	j.	To order someone to do something

1 _____, 2_____,3__ ___, 4_____, 5_____, 6___ ___, 7___ ___, 8___ ___, 9_____,10_____

LIVEWORKSHEETS