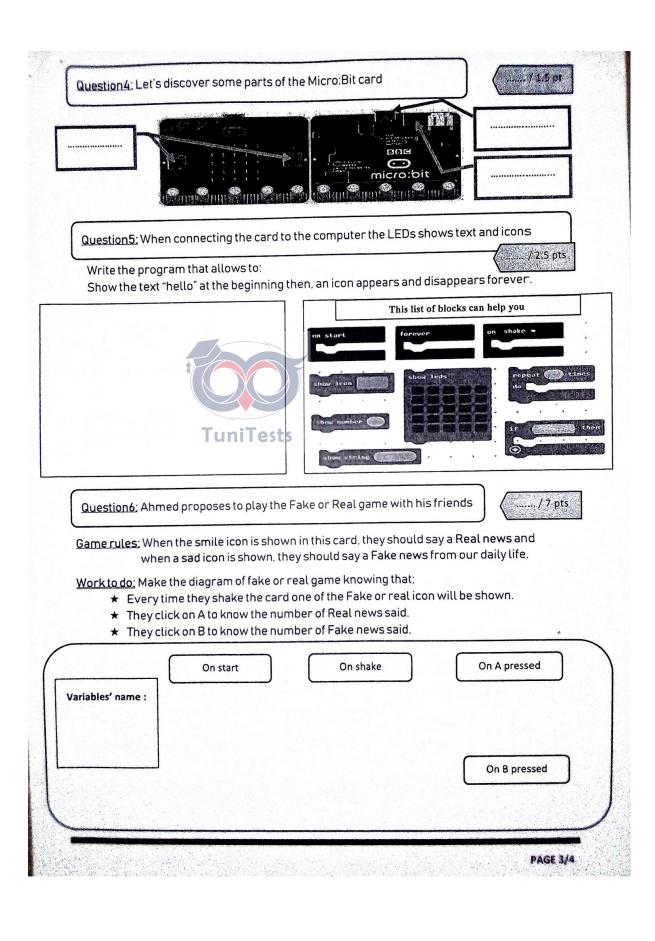
	chool of Gabes	Full-Term Test N°1 Computer Science S.Y: 2021-2022	Date: 03 - 12 - 2021 Duration: 1h TuniTest
			/20
		un of new technologies. But nowade talks about smart objects. esn't understand the meaning of the	
	So, you wil	ll help this child to understand smart objects	the
Question	11: Smart object is re	elated with <u>communicant object</u> . So, l	PARAMETER AND THE REAL
a) Give t +		of a communicant object:	/3 ρts ·
	olete the following s	entence: inicate with each other through Inter	net we talk about
			net, we talk about
		ommunicant object:	
+			

Question2: When talking about smart objects, we have to talk about necessary devices So let's explain their function to Ahmed/1ºpt Complete the following sentences: ✓ I need a device whose function is to detect events or environment's change: ✓ I need a device whose function is to produce action or motion: It is called Question3: You can explain more these devices by giving some examples for Ahmed These are the pictures of some devices: a) Complete with the name of each device. b) Complete this table with the number of the device from the question a) Device's function N° It is used to detect motion It is used to detect physical touch **TuniTests** It is used to measure the distance to an object It is used to detect different types of gasses Ahmed is very thankful to you @ Now he knows the meaning of smart objects. Talking about smart objects, Ahmed's friend invited him to discover his Micro: bit card



Question5: Now Ahmed can program a card with makecode thanks to you.

So let's review some blocks together.



Tick the correct answer:

a. To repeat the same action many times, I use the block.









b. To display a number in the card, I use the block







c. To repeat the same action always. I use the block







d. To control the LEDs light. I use the block







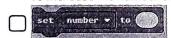
e. To show an icon at the beginning, I use the block







f. To increase the number of a variable I use the block







g. When there is a condition, I use the block





and the control of th



h. To make an action just when clicking on a button. I use the block







