

Number	Questions	Answer
1	What is a quadtree ?	A quadtree is a data structure where a node have four children, often used to partition a two-dimensional space by recursively subdividing it into four quadrants or regions.
2	What is the TreeUT ?	No one knows.
3	What is the IEEE754 ?	This is a technical standard for floating point arithmetic.
4	What are the three most important logic gates ?	AND, OR, NOT
5	What is OOP ?	OOP mean Object Oriented Programing
6	What is a pointer ?	This is a special variable that store a memory adress.
7	What is 3NF for a Data Base ?	A relation is in 3NF if it is in 2NF and if any attribute not belonging to any candidate key only depends directly on candidate keys.
8	What is an Integer Overflow	Integer overflow occurs when an arithmetic operation attempts to create a numeric value that is outside of the range that can be represented with a given number of digits either higher than the maximum or lower than the minimum representable value.
9	Give the keyword to define a variable in Kotlin	var and val
10	How much cost a pesto pasta box at the Crous without scholarship ?	The pesto pasta box cost : 2.80€.
11	Give the name of the network class room.	C0.03
12	How many UE there is in a semester	There is six UE.
13	What are two type of right	The public one and the private one.
14	How to set a new ip on a network interface	<code>ip a a ip/mask dev interface</code>
15	What is the http protocol	Hyper Text Transfer Protocol.
16	What is the name of the other IUT place (Carquefou)	IUT La Fleuriaye
17	What is the other formation dispensed in the IUT Joffre	GEA
18	What is an Eulerian graph ?	An Eulerian trail (or Eulerian path) is a trail in a finite graph that visits every edge exactly once (allowing for revisiting vertices). Similarly, an Eulerian circuit or Eulerian cycle is an Eulerian trail that starts and ends on the same vertex.
19	Give the definition of recursivity.	Recursion occurs when the definition of a concept or process depends on a simpler or previous version of itself.
20	What is the first balise in a HTML file	<code><!DOCTYPE html></code>
21	Which one isn't a programing language	- Kotlin - Golang - ASM (assembly) - SQL - HTML <- the answer expected
22	What are the two main function require by Ebitengine	<code>(g *game)update(){} and (g *game)draw(screen *ebiten.image){}</code>
23	What have done Alan Turing to be considered to be the father of theoretical computer science ?	Turing was highly influential in the development of theoretical computer science, providing a formalisation of the concepts of algorithm and computation with the Turing machine, which can be considered a model of a general-purpose computer.
24	Where does start the index of a list in Lua ?	The answer is 1.
25	Where does start the index of a list in most programing language ?	The answer is 0.
26	What is the answer to life the universe and everything ?	42.
27	With only a byte, what is the lowest signed integer you can encode ?	-127
28	With 9 bit what is the highest unsigned integer you can encode	511
29	Convert 666 (hexadecimal) into binary notation	0110 0110 0110
30	Convert 1100 1010 1111 1110 (binary) into hexadecimal	CAFE (hexadecimal)
31	What is the password of network class's computer	tdreseau
32	How many click does a user can tolerate to access an information on a website ?	3 clicks (Three Click Rules)
33	What is the name of the IUT's secretary ?	mme Burty
34	Duration of 3 Classes in IUT	4 hours
35	A contract when only one person decides the terms of it. Other persone can just accept the contract or not .	1 membership contract ← 2 join contract 3 subscription 4 death of dora

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36	how many meal for 1€ can you take in one day ?	1. 0 2. 1 3. 2 ← 4. 2,6 5. 3
37	How many microwaves there are in the polyvalent room ?	1. 2 2. 3 3. 6 4. 8 ← 5. 12
38	Where we can find Free Coffe in IUT ? (one time per month)	In the IUT CDI (event 'pause café')
39	What is the Best Friend of everyone in IUT, who has the answer to everything ?	Chat GPT
40	What is the best group in IUT ?	4
41	What word represent the hapiness and can defined a fonction at the sam time ?	FUN
42	a no-editable variable ?	1. var 2. val 3. private var 4. val.editable = false 5.camembert
43	How many entry there are in iut ?	3
44	What is pandas ?	1. a programming language 2. an animal 3. library python ← 4. a cake
45	what are numbers of two amphitheater ?	1 and 4 ?
46	What is a Boolean ?	1. a big person 2. a type of variable ← 3. a leader 4. a variable always late
47	how many ?	42
48	2°	512
49	what is the price of the cheapest drink in the coffee machine ?	1. 0.30€ ← tea 2. 0.40€ 3. 0.70€ 4. 0.50€
50	who is no a developpment teacher ?	1. Berdjuguin 2. Ajabri 3. Adjrabia 4. Kueviakoe ←
51	What is the color of DS in the IUT Timetable ?	1.Blue 2.Brown ← 3.Red 4.White 5.Dora
52	How many girls there are in the BUT1 promo (at the end of the year 2023/2024) ?	1. 4 2. 5 ← 3. 9 4. 10 5. 13
53	What is the color of DS in the IUT Timetable ?	1.Blue 2.Brown ← 3.Red 4.White 5.Dora
54	How many girls there are in the BUT1 promo (at the end of the year 2023/2024) ?	1. 4 2. 5 ← 3. 9 4. 10 5. 13