Score	**SAMPLE EXAM**	Proctor Signature
Grade/100	**COURSE CODE : ITM121 MIS** **PROFESSOR NAME : M. LOUADI (A)** **Date: xx/xx/xxxx** **Time: x:00-x+2:00**	

INSTRUCTIONS

1. Books and notes **are not** permitted.
2. Calculators are allowed (precise the type of calculator)
3. Cell phones are not allowed.

Statement of Academic Integrity

MSB does not condone academic fraud, an act by a student that may result in a false academic evaluation of that student or of another student. Without limiting the generality of this definition, academic fraud occurs when a student commits any of the following offences: plagiarism or cheating of any kind, use of books, notes, mathematical tables, dictionaries or other study aid unless an explicit written note to the contrary appears on the exam, to have in his/her possession cameras, tape recorders, cell phones, or any other communication device which has not been previously authorized in writing.

Statement to be signed by the student:
I have read the text on academic integrity and I pledge not to have committed or attempted to commit academic fraud in this examination.

Signed: _____

Note: an examination copy or booklet without that signed statement will not be graded and will receive a final exam grade of zero.

Important notes:

1. **In all of the remainder of the exam, exact answers are expected, i.e., no partial credit.**
2. **In definitions, exact wording is expected**
3. **If an answer is not right, it is wrong**

Most importantly: (a) wrong answer= -2 (b) no answer= -1 (c) good answer= -0

True/False Questions: Please place a check mark (✔) in the appropriate space (T for True or F for False) corresponding to each question

	T	F
Unlike other innovations, IT innovations have this in particular: they all reach the plateau of productivity phase		x
The alignment between the business and IT strategy in the firm must be dynamic	X	
Successful innovation is more likely to occur when there is a smooth interplay between tacit knowledge and innovation	X	
It is easier to do business strategy than to do IT strategy		x
In the Strategic Alignment Model (SAM), strategic alignment, at an organizational level, can only occur when all four of the domains are in alignment		x
Because everything that could be invented has been, there are less and less new products being introduced nowadays		x
In the Gartner Hype cycle, all tracked items reach the last phase		x
According to Barry Bayus, new knowledge is being applied faster	x	
We should all strive to belong to just one social network		x
Cloud Computing deals essentially with strategic applications		x
More than 70% of firms' IT budget is taken up by the maintenance of their IT infrastructure	x	
Virtualization means, among other things, running multiple operating systems on a single machine	x	

Multiple-choice Questions: For each question, check all the options that apply

Check all that fall under the general heading of Cloud Computing	o ■ IaaS o TaaS o ■ PaaS o ■ SaaS o DaaS
Identify IT innovations that literally disappeared from mainstream use	o ■ Gopher o ■ 3.5" floopy drives o ■ Typewriters o Word processors o Blogs o ■ CRT Television sets o ■ PCMCIA cards

There have been innovation waves every 50 years in the	o IT industry o Car industry o Microwave industry o ■ All industries combined o None of the above
Disruptive innovations	o ■ Create a new market o Extend an existing market o Only makes an existing market die out o None of the above o All of the above
In the Strategic Alignment Model, “strategic fit” describes the ..	o ■ interrelationships between the external domain and the internal domains o describes the integration between the business and technology domains o Neither
Identify, among the following, the four quadrants (domains) of the Strategic Alignment Model (SAM)	o Organizational Structure o ■ Business Strategy o IT Structure o ■ IT Strategy o MIS Structure o ■ Organizational Infrastructure & Processes o ■ IT Infrastructure & Processes
The divisions in the Technology Adoption Life Cycle (TALC) are such that the early adopters and the laggards fall within …	o 1 standard deviation of the mean o 1.5 standard deviation of the mean o ■ 2 standard deviations of the mean o 2.5 standard deviations of the mean o 3 standard deviations of the mean
The Gartner Hype cycle is about the evolution of …	o Customers o Customer Segments o ■ Innovations o Customer Types o Innovative Firms o Competitive Firms
1. What are the six stages of the Nolan stages of growth 2. Put a check mark beneath the stage in which business-IT alignment takes place	o …….. o …….. o …….. o …….. o …….. o ……..
Four scenarios can be faced by a firm trying to get a first mover advantage. Identify them from amongst the following	o First movers o ■ Calm waters o Late entrants o ■ Market leads o New entrants o ■ Technology leads o ■ Rough waters o Cash cows

Identify all those that are considered Cloud Computing providers/technologies	o ■ Google Docs o Visicalc o ■ Google Drive o Multiplan o ■ DropBox o PCMCIA o ■ SkyDrive o ■ iCloud
According to the Technology Adoption Life Cycle (TALC), identify the technologies that are competing heads on with each other	o ■ Cell phones o Xbox o ■ Smart phones o Modems o LED displays o MP3 Player
The Gartner Hype cycle tracks the evolution of (check all that apply):	o ■ Technologies o Scientific domains o ■ Innovations o ■ Management concepts. o Academic subjects
Who claimed that the value of a network is proportional to the square of its nodes?	o Gordon Moore o Nicholas Carr o Geoffrey Moore o Richard Feynman o Thomas Edison o ■ None of the above

Open-ended Questions:

What does the acronym WOMM mean? .....

What Social Network concept is the following definition referring to: "[…] between two members is measured by the number of members located between them. It is an important criterion in the choice of communication modes (face-to-face discussions, telephone, written messages, etc.)."?

(one word please) .....

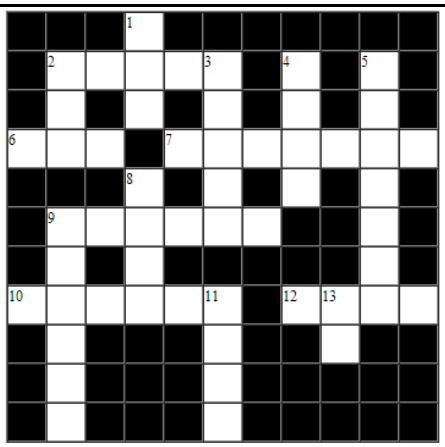
What do the following acronyms stand for? (explain the meaning of each letter):
BYOD: .....
CIO: .....
CTO: .....
IaaS: .....
ASP: .....
PaaS: .....
SLA: .....
M2M: .....

Name the three main types of virtualization seen in class (one word each please):
1. **Network** .....
2. **Storage** .....
3. **Server** .....

We have seen a number of curves in this course. Can you name four?

1. .....
2. .....
3. .....
4. .....

Crosswords:



Across:

2 Name of the crack that occurs between the second and third stages of the TALC

6 A specific type of fixed-contents computer memory

7 He said "we can know more than we can tell"

9 An Internet technology that disappeared a long time ago

10 The first name of one of the men names in Down 3

12 We owe him the SPIRA model

Down:

1 He claimed that the power of creativity rises exponentially with the diversity and divergence of those connected to a network

2 A new name for the head of the IT services

3 Two famous men wear this name

4 Representes the biggest chunk of Cloud Computing in terms of revenues

5 He reportedly said that there was plenty of room at the bottom

8 A successful innovation by Apple Inc.

9 Very famous innovative firm that is known worldwide

11 Very very very small

13 Roman 2

END