CLOUD COMPUTING

I - Watch the video *Cloud Computing Explained* **and answer the following questions**

1. Define Cloud Computing

2. What tasks can servers perform?

3. How is the cloud defined in the video?

4. If you want to use emails at your home office, what do you need?

5. Is it risky ? Why ?

6. Name several cloud computing services?

7. Why would an individual or company choose cloud computing?

8. Who are the main cloud providers today?

9. Explain how and why Netflix uses a cloud provider.

10. Name the 3 cloud computing types

II - Watch the video *Cloud Computing in 6 minutes* **and answer the following questions**

1. What are the differences b/n on-premises and cloud computing? Which one is best ? Why ?

2. Explain what the cloud computing deployment models are.

3. Explain what the Service models are.

III – Watch the video *The three ways to cloud* **compute and answer the following questions**

A – Global understanding

1. What are the 3 things you access over the internet in cloud computing?
2. What sort of applications are accessed in SAAS?
3. What are the 3 types of applications Google Microsoft and ZOHO allow to use?
4. Name 3 advantages of SAAS
5. What does PAAS provide?
6. Which company provides AZURE?
7. How much do you pay for Force.com or Google to allow you to build and host applications?
8. What tool does Google provide to create your own web applications?
9. What is the limit of PAAS ?
10. What is the risk of PAAS?
11. Which hardware do you use in IAAS?
12. What is the fundamental unit in cloud computing?
13. Whose hardware do you use in IAAS?
14. What is the fundamental unit of cloud computing?
15. What are the two kinds of servers?
16. What term do you use for sharing slices of servers among many users ?
17. What are the **four** categories of IAAS ?
18. How do you pay for storage cloud hosting?
19. What is the drawback of a private cloud? its advantage?
20. What does migrating applications from a company data center allow to reduce ?
21. Name one company operating in the IASS market place :
22. What does AMI stand for?
23. Name **three** software providers mentioned in the report whose applications can be launched in minutes on an AMI.
24. What is the main difference between PAAS and IAAS?

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B. Explain the following terms in English
Data center:

Cloud:

Computing :

I.T.:

Spreadsheet:

Vendor lock-in :

To purchase:

Package:

Supplier :

Presentation

Charged:

Hosted:

To rent:

Requirements

To match:

Hybrid :

storage :

to launch:

IV – Expression

You've just been promoted IT Engineer of your company and must decide about which Cloud computing solution your company must adopt and deploy within a few weeks. Explain your choices to the CEO and the Board.