English Revision

The Questions :-

1 - Define IT & What's IT used for ?

Information Technology is the use of any computers , storage , networking and other physical devices , Infrastructure and processes to create , process , store , secure and exchange all forms of electronic data .

2 - Give examples of IT careers ?

Chief Information Officer : This person is responsible for IT and computer systems that support the enterprise's goals .

Chief Technology Officer : this person sets all technology goals and policies within an organization .

IT Director : This person is responsible for the function of all of the business's technology tools and processes. This role is commonly called IT manager or IT leader .

Systems Administrator : This person configures , manages , supports and troubleshoots a multi-user computing environment within an enterprise , This role can be segmented by technology requiring an administrator or team dedicated to server. Desktop , network , virtualization or other components .

Application Manager : This person's role centers on the provisioning and management of a high-value business application such as Exchange .

Developer : This person or team writes , updates and tests codes for programs to meet business objectives internally or facing customers .

Architect : This person examines and changes IT functions to support business .

3 - What's the internet of everything (IOE) ?

IOE : Is the intelligent connection of people , process , data and things .

4 - What do (M2M) refers to ?

Refers to machine to machine what refers to wireless data connection .

5 - What's the Smart Machine ?

Smart Machine : Is a device extended with machine-to-machine and/or cognitive computing technologies such as machine learning or deep learning all of which it uses to reason , problem solve , make decisions and even take action.

6 - What does the smart machine include ?

Smart machines include robots , self-driving cars and other cognitive computing systems that are designed to work through tasks without human inclusion .

7 - What are the negative importance of smart machines ?

That it will displace workers and dramatically change the nature of work .

8 - What's the future of smart machines ?

It's expected that smart machines will be the most disruptive class of technologies over the coming decode including : AI , Deep learning .

9 - Define : AI , Deep learning ?

AI : Artificial Intelligence is the intelligence demonstrated by machines .

Deep Learning : computers themselves learn from additional data sets , they use their new knowledge to adopt and adjust their output .

10 - What's a smart system ?

Smart system incorporate functions of sensing , adulation and control in order to describe and analyze a situations and make decisions based on the available data in a predictive or adaptive manner .

11 - What does (ICT) refer to ?

It refers to Information and Communication Technology .

12 - What are the components of smart systems ?

Sensors for signals , Electronic transportation device to transport the information to the command and control unit , Command and Control units that take decisions and give instructions based on the available information , Actors that perform or trigger the required action .

The Grammar :-

Active & Passive

Present Simple :-

Active : I , You , We , They + infinitive .

: He , She , It + (inf + s , es , ies) .

Passive : (am , is , are) + P.P .

Past Simple :-

Active : I , You , We , They , He , She , It + (inf + d , ed , ied) .

Passive : (Was , Were) + P.P .

Infinitive :-

Active : (to + inf) , (inf + ing) .

Passive : (to + be + P.P) .

Present Perfect :-

Active : (Has , Have) + P.P .

Passive : (Has , Have) + been + P.P .

Past Perfect :-

Active : Had + P.P .

Passive : Had + been + P.P .

Present Continuous :-

Active : (am , is , are) + V.ing .

Passive : (am , is , are) + being + P.P .

Past Continuous :-

Active : (Was , Were) + V.ing .

Passive : (Was , Were) + being + P.P .

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Reported Speech

1 - The Verb of saying is converted as follows :

Say——Say   /   say to ——tell

Says ——Says   /   says to——tells

Said ——Said   /   said to——told

2 - Delete the brackets and use (that) to link the sentences .

3 - The pronouns in the arches change according to the pronouns outside the arches .

4 - Pronouns (he, she, it, they) do not change .

5 - Tenses change as follows :

Present Simple ——Past Simple .

Present Continuous——Past Continuous .

Can + inf——could + inf .

Will + inf——would + inf .

Shall + inf ——should + inf .

May + inf —— might + inf . Must / have to——had to .

Questions

1 - The question consists of: question mark + verb helper + actor + supplement or effect .

2 - The most important question tools : Who : Of the mind .

Which : Non-wise .

What : To ask about anything .

Where : To ask about the place .

When : To ask about time .

Whose : To ask about ownership .

3 - The helper verb can already be asked as a question tool .

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