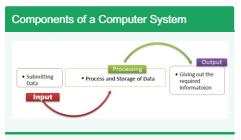
Cheatography

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Data				
What is Data?	The numbers, words, images and symbols which do not bear a meaning, when standing alone are called data.			
Two types of Data	<i>Quantitative Data</i> - Measurable Data. (<i>Ex: Age, Price, Height,</i> <i>Weight etc.)</i>			
	<i>Qualitative Data</i> - Data that cannot be measured. <i>(Name, Telephone</i> <i>Number, Address etc.)</i>			
Process	ing			
What is Proces- sing?	Converting Data into something meaningful (Infor- mation)			
Two type of Process	0			

2. Electronic Processing

Information	
What is Information?	The Processed
	Data.
Qualitites of Inform-	1. Relevant
ation	
	2. Complete
	3. Accurate
	4. Timeliness
	5. Cost Effective



Example: Finding the average of 9 subjects.

- 1. Input Data (Marks of 9 subjects)
- 2. *Process* According to the user need.
- (Get the sum and divide by 9)
- 3. Output Information (Average)

Computer Generations History			Applicat	Applications of ICT (cont)		
Generation	Major Hardware Technology	Software Used	Charact et ealth istic	ICT in diagnosis	CAT Machine - to make 3D images of different parts of	
1st Generation	Vacuum Tubes	Machine Language	High Heat Generation		body. MRI Machine -	
2nd Generation	Transistors	High- Level Progra- mming Language	Smaller in Size		creates digitalized images of internal organs of the body by using strong magnetic fields and radio waves	
3rd Generation	Integrated Circuits	Operating Systems	Faster Processing		ECG Machine - Uses to monitor heart beat.	
4th Generation	(IC) Large Scale IC (LSIC)	(OS) OS with Graphical User Interface	Portable		Cardiac Screening Machine - displays the physiology and the movements inside the heart.	
5th	Ultra Large	(GUI) Internet	Easy		EEG - record the activities of the brain.	
Generation	Scale Integration (ULSI)	momor	Operation	Teleme- dicine	The use of ICT to examine and provide healthcare to a patient	
Applications	of ICT				who is far away from the hospital is called	

	the hospital is called Telemedicine.
Telesu- rgery (Remote Surgery)	the ability of a doctor to perform surgery on a patient in consul- tation with a specialist who is far away, using ICT.
Medical Teletr- aining	Specialists' consul- tation and training using ICT

e-Gove- rnment	Government to Citizen (G2C)	Ex: Payment of Utility Bills
	Government to Government (G2G)	Ex: Diplomatic & VISA inform- ation
	Government to Business (G2B)	Ex: Payment Services
	Government to Employees (G2E)	Ex: Gazettes, Circulars
Education	In the classroom	Ex: Presentat- ions, Experi- mental Videos, Online Inform- ation collection etc.
	Serves as a teaching aid	Ex: Making presentations, organize lessons using a computer etc.
	Learning Management System (LMS)	Ex: Online Assignments (for students), Online lessons (for teachers)
	Distance Learning	Ex: Digital Library Facility, Web Based Teaching etc.



By IdeA (isurudealwis)

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Application	is of ICT - 2		Applicatio	ons of ICT	- 2 (cont)	
Agricu- Itural	Meteorological Devices			able to see things and order at one's convenient place.		
Industry					p pay using the electronic	
	Automated Insect Control Device				nt methods elivery of goods. (Saving	
	Field condi	Field conditions measuring			ort cost and time)	
	devices		Entert-	Digital P	hotograhy	
	Crop harve	esting using Robots	ainment			
Manufa-		ots - 24 hour service,		Social N	letwork	
		tired, Efficiency, Hygiene		Watching	g Movies	
&	lustry Accuracy, Hygiene			e-news a	& e-books	
Business			Demerits	of ICT		
	Video Cont	ferencing	Addiction			
	Human Resource Management (HRM)		Building	Building unsuitable friendships through social media		
	e- Banking System	ability to withdraw cash anytime using ATMs	Computers could become infected by virus due to improper use of internet. Negative effects on psychology of a person by visiting improper websites.			
	System	inter banking or transactional activi- ties. pay utility bills, inter-banking transactions, or checking the account balance				
			Publishin	Publishing of edited photographs and		
			videos of individuals affecting their personal lives. Evolution of the Computer			
			Blaise Pa	ascal	The Adding Machine	
		using mobile	Charles I	Babbage	Analytical Engine	
	0."	phones.	Ada Love	elace	First Programmer	
	Online Shopping	Open 24 hours a day	Howard	Aiken	MARK I	
	By IdeA(isurudealwis)	Publishe	d 24th Mar	rch, 2022.	

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