1BCA1

1

 \Rightarrow

=>

わ

UNIT-1

Introduction una in to without the AND.

i pipelardark goille => Data is raw faces and figures. It can be any numbers, figures, sounds ett.

5 th up bin

1

Data is a unProcessed Information. weighto ing gon

Information Society: Information society is such a society which is well aware of all the latest developments and Intentions happening around the world. The members of griformation society adopt and use those Information for thier beterment ullifment and dve lopment.

Or, In Information society is a society in which the Creation, dilbribution and manipulation of Information is the most Important activity in a Information Society the Information is the chief Driver of Socio-economic activity. The matterial goods are replace by genformation as the main Ground For generating economy. The tools of the gnformation society are computers and telecommication devices trather than dather or, Plought. Now-adays Information deads to Information economy Many economical activities are taking place due to Information exchange, transmission, vibration etc.

\$

1

\$

=>

1

Ð

& Information clonomy :- 1

Information economy is an economy with an Increded キ emphalis on International activities. It is characterized by conversions and Integration of communication and data Processing dechnologies into Information technology. The technological revolution which come through Computer has rapidly Increded. The Importance of Information economy. The Information economy has accelerated the shift of Industrialised Countries from manufacturing-balled economiel towards baled economics.

2

6

6

6

4

()

(

9

Definition af Modern Day computers:-Computer is an electronic Device. It accepts Input from the user, Processer those Input and gives output.

It stores data and Information for retrieval. It Performs 20gic, Arithmatic at et operations.

0m computer is an electronic device which performs Input, processing, output under the control of a Program 1 19 and man high margine

- - - I when it , the shows provide street p

Characteristics of computering 1110 Pollowings are the characteristics of computer-Automatic al have the maintener and the Alexand (omputers are automatic devices ones they (Start a Job, they carry out untill It is completed without any human affistance.

SATYADEEP SRIVASTAVA, DEPT. OF BCA, D.K. COLLEGE, DUMRAON

1BCA1 3 =) computer has exceptional/unbelievable working speed millions of Instructions are executed in Jess than a Second time. gits speed tranges from 10⁻⁶, 10⁻⁹ & 10⁻¹² iii) Accuracy: > A computer performs every calculation at a very high speed and with 100% accuracy 80, gts Performance is outstandigly best. totale to villed pived with 1, and ivs Deligence :-A computer is fire from dirdness, lat of Concentration and Monatory. It can work 24/7. Versatility: A computer is a versatile device at one moment It is prepairing biodata another moment It is Printing Some documents. It is playing mulic. V => -- and so attion. with I Vi) Storage to proved spirit allering have 100 => A computer has huge amount of memory to Store data gt is the data safe & secure until If is not deleted or, corrupted by external the a factory bouse a 1900 20 deman sichand Drawback of Computer:-(=) computer has no enteligence It performs the Instructions given by the user . It can't take Desigion on gis own. Is while SATYADEEP SRIVASTAVA, DEPT. OF BCA, D.K. COLLEGE, DUMRAON

computer has no feelings and emotions. It is a ii machine which understands only the Instructions given by the user It doesn't understand the Sentements, fellings. and emotions of humans. History of computing :- \Rightarrow The History of computing dates back to 2300BC. It is found that the early chinese where using a device for Calculation during the Period 1700 BC to 2300 BC. This device was called as "ABACUS" this Device consist of metal rods having beads in. 0000000000000 0000 Writing flace 11 ... It was a simple device having no automatic function. Abrthmatic operations. 121 12 112 110h 200 In 1617 1 John Napier build a machine Known as "Napier Bones" Here a trange of forms were used to facilitate multiplication and division . etc machine Known as difference engine In early 17th Contury. It was also called arthmatic machineas

4

	well as pascaline. Blaise Pascale developed this
	calculating machine because his father was tax
	Superwison and He was to perform laborious
	Calculations for hours and hours. He designed
Ser DEall	machine to add and Subbracts two numbers directs
	and to perform multiplication and division through
	repeated addition and Subtraction.
A	applied applied participation
XX	Common application of Computers:-
ji te	Internet Swifing
لأنأ	
لأأأ	
LVI	Oceanography that was all.
V)	Apriculture
VI	Metrological defartment
viiiv	Space technology
ixj	Defence
X	Medicine
XÙ	Research & Development (R&D)
	WATTER OF FUTUE ARED ILD ALL DE ALLES
\Rightarrow	Defenition of Information System and Information
	Technology:-
=>	Technology:- Information System refers to the entire Information
L'alguna de maria de la	From get deneration to the transmitton of the
	user. It consist of Professional Personnell, Grover-
and the second	ning Paliciel HR Paliciel, Selection and requirement
	of staffs, Controlling, 10-ardination. Information dechnology
	A 1 Lad wind by Evilled Cathurke and
	refers to technically skilled Software and Hardware Profesionals, computer systems and
	Haraware Norestonais, comme and
0 A T	
JAL	YADEEP SRIVASTAVA, DEPT. OF BCA, D.K. COLLEGE, DUMRAON

5

	A A A A A A A A A A A A A A A A A A A
1.1.	machines. It deals with specific software
	technologies to complete the given task.
A	
4	There are him ballic marks of Gregenting Interior
7	Lim and the bar of Bartilland and at the second
in the state of the second	Structure of a structure but set and structures
as	Unimedium Presentation:-
=)	In this medial on Single medium is used to preser
	Information, for el- Mulic, System, Radio, Book
iles l	(without Images). (1) (1) (1)
	and a second a second at the
b)	Multimedia Bresentation: - Dibunconte lui
コ	Mere, more than one medium is used to 'C
	Present Information. For eg TV, computers,
	Smart Phones etc. about 1 in 1 in 1
	-> Text, audio, video, gmoge, graphics, Animatic
A	
\$	Requirment for computer system to support
	Multimedia Présentation.
2/17	Falter CPU and latelt Processer.
11)	Large Storage device Capacity.
1112	Large Main memory.
111	Grood graphics sterminals when and
12.	Audio I/ol Devicest under hand ill court
	- buncasta in torail2stant to this of the shine
	service and also produce and privilage paire
	- pacification and will a least still 12 12
to the	helpingentingentetter