	Date:	-
	Greneral Science & Ability	
	Past Paper Questions	
Dn6.1	where and how Fiber Optics are	. (
	used? Also usite down the for	
	advantages and disadvantages. (2020)	0
	Fiber Optics:	6
	Fiber opties are	6
	medium and technology to	
	transmit information as eight	
	impulses along the hollow	
	glass tabe 9t transmit	
	information in form of light. Uses of Fiber optics:	(6
	Uses of Fiber optics:	
(i)	Transmission of information:	1
	9 t is used to thousand	(8
	information in form of elight	(6
	more efficiently than other	-(
	Dong distance.	-(6
(11)	Medical USE:	-(1
	Fiber opties are used in treating	-(6
	analysing diseased diseases Thoy are small sugh that can	-(
	are small sugh that com	-(7

Da	te:
	Send in Good voins. They help to
	dispilay inner organs without
	Suzzery.
	working of Fiber Office:
	Fiber aptics through light form.
•	It need a sender device which
	Send signed in light form
	and transmit it st also need
	a necessar una recine 3ts
•	signals. Interestion cooking core
	The feet of the fe
5	Non Pine
	Serder Giber optics structure
	Odli La Aaron
t .	Advantages:
)	Advantages of fiber optios are
	Weight: Fiber gritics agre
(1)	much thinner their capper
	with earnal cognitity of transmi
	thing information. It is less weighted
	and casy to install.

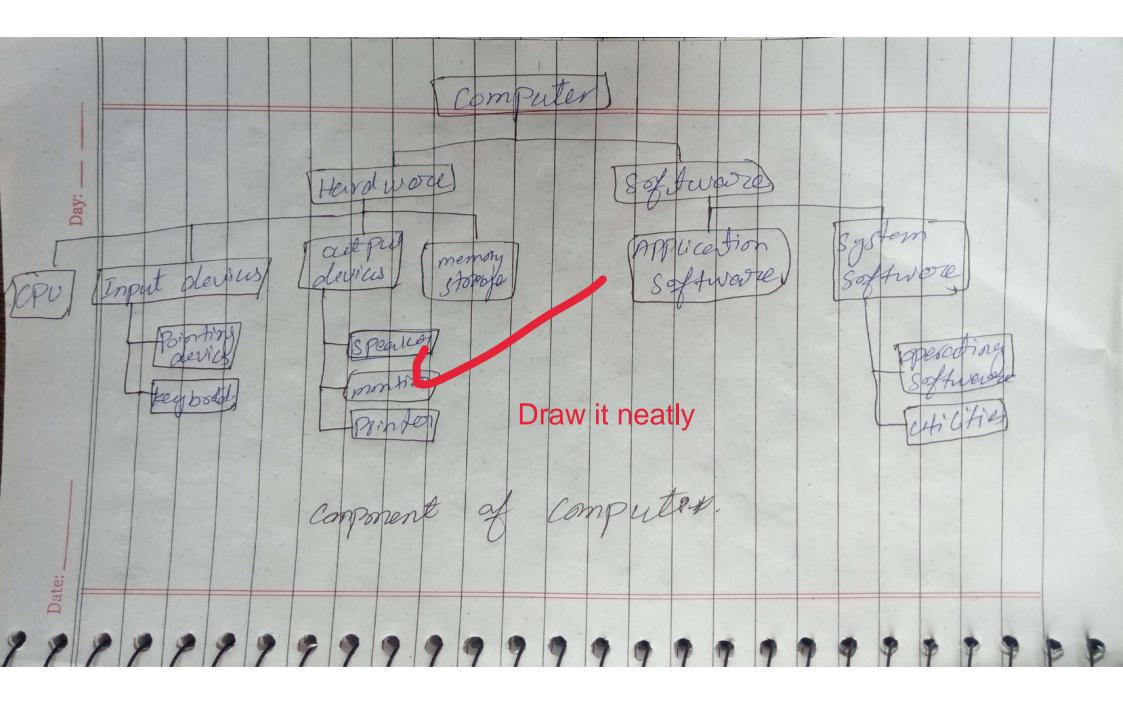
		•
	Date: Day:	- 6-
(1)	Safety: They was more safe.	-
	than copper because that are	
	d'electic and present no	
	spark harard.	
(iii)	Low Signed 1085: 9t do low	
	signal loss than copper wise,	
	and gave love distance	
	transmiss of 2000 m Tan	•
	copper which is 100 m.	-
	Disadvantages:	-
U	cost: It is costly to	-
	nstell but due ingrer than	-
00 \	st need to cheale after	
(1)	Je Milener	
	some distance.	•
	o'n a brief mount of	
Wno 2	Rive a brief account of	
	OPtic Gibres what is their	(
	importence in present day	(
	telecom system? (2019)	
	Fiber Optics:	~
	Optics is study	•
	of light and of propagation	(

Date:	Day:
technologi	tic is a medium and
VI (MISIA)	ght ingresses along
the how	Now gass tubes It
as the hole transmits of the startweet	of light.
Structure	of Fiber Optics:
Fiber Opi	tic is consist on 4
parts; the	ing or buffer and
The spicke	l. Core s central
mode pxsterfed	of glass. It is poveked
a cladoling	by larger called which is made of Photic.
★	
(Care	
c looking buffle	er jachel
_	etere of fiber optic

ate:		Day:
Impor lan	(0.2)	
	Fiber aptic	houre
1	1 A inn	over ent
great s	ignificance in	poeser
doing to	vion System	. St is
Performi	ng sultiple	function
100	Vie so ting	9t is
in acc	A Avance.	'+ ' Indication
used	peson system ng sultiple ely raitine.	10 19 11 (4) 1011
efficien	thy and	with more
case	thy and from	of elight.
94 10	better than	CODDET
05 0		Ahnomicsio
for von	g distance à	JUI GIA INSI- D
sinstall	seet, cost	and
Safety.	Further, it is	cesed
me	edical field.	ot help
A dina	ne the d	ispoise.
12	1 the ins	Day - and
It dis	play 12 1915	1 are
mind	organs of	herman
Gody	without perf	Aming Supery.
moreouter	Tis Wed	I ino cell
0-	· A DIA	d.
commy	i collion field	
Attempt k	ov aivina	
subheadi		

Date		
THE RESERVE TO SHARE THE PARTY OF THE PARTY	Day:	
On-3	Differentiate between RAM and form.	(2017)
6	RAM and Rom both are	
6	types of internal memory	
•	storage of computer but	
•	storage of computer but Dray agriculta in following	
•	RAM: RAM (Random Acoss	
•	memory) as it name shows	
•	that it can access any cell	
	of memory of confuter. The	
	cell thip on in modules.	
	RAM perform fast working than any other program. So	
•	Their any other program. So	
	as RAM of a computer	
	also increased of com also	
	read and write. The dorta	
	ctoked in DAM is temporary	
3	at computer shorts dada	
	josses. It is volatile memory	
	V	

Attempt in a tabular form and give Day: atleast 5 difference points Rom: Rom (Read only Memory) is hard wired instructions that works as computer boosts It can only rend but course change gt is permanent neomony as it computer shuts down the derta still remains et is por Volatile nemoty. 4. Draw a basic computer block diagram and briefly exploin the functions of each Papet. (2017) Computer's Computer is a techinos machine which collects toensmit deiter under the control instructions store in its own memmy and stored 985 cess da for futura use gt consist on following parts: meinly on hardware and Soft were.





Day: _ Date: Hardware: Physical pants and other devices (externor is hardward 9t to run Software Heardware devices consist on and on externel devices like mointo, printer etc. US mouse also an enterred devices. Enternal devices are also coulled periphony devices output devices: output devices ace devices that goice outpe instructions. These are geales monitor, Printer etc. Input devices: i put dovices une devices that communicate user with computer . These are pointing devices, regional- etc CPU: CPU (central Processing Unit) is brown of complex and

Date:		Day:	
Memory	Storage: Date	is Axvood	
in nur	neric number	vin Coat	M
memory.	matt.	1 compere	
diant	mostly in	orary	
10 06	I and O	9+ store	
900	5,7	5. Como tox	
They want	Love Lev	Dents	
THUY Q	and en	ternos!	
Softwa	Dre ? Comper	ter Softies	20
	Softwere	15 Q / Se.	
of es	reocled : As	mation	
data	in Westian	man'	
to ha	instructions	20 poste	
OBBIO ST	rdware fin Software	DIVINITE STREET	
		20 peratino	2
Softwar	1	Linctions	0
other		Lunctions	
Va	nputras		
System	software:	System	
Softwa	De directly	Controle	
handward	perform	4911100	
and Do	ovide plan	An funct	fory
applicant	ion softwa	John for	
1000	Settina	TR	

I	Date:
no G	uxite a short note on
	Note a short note on Artifical intelligence. (2016)
	Artificial Intelligence:
	Ser intelligence 93 science and
	Ser intelligence 93 science and
	engaging of making intelligent machines.
	John McCarthy as introduced
	it concept in 1956 and
	defined it as "Science and
	machines which we able
	machines which we able
	to perform human like
	functions".
	AT is used in all field of life in present day. 9t
	comprise on following where
	part partie gantine gaspoties
	and natural.
	Cognétice: in Cognetive terro,
	At analysis field of Phycicslogy
	mathmatics etc.

Date:	Day:
2+ It tried	to know how
	wole and
Staght of P	
functions 08	instructor, gemostic
oral solve	fuzzy doito.
Robotics : In	Robotics , AI is
mointy conce	exned with Robots
and Technolog, c	t consist for
Visual digit	loy slocanotion.
etc.	
Natural: It a	leet with natural
functions at	humans with
Sobots like	communication etc.
107	
The state of the s	
Easy tive R	
	botics powerd)
Instruction (tocomsting theteral language
Fuzzy dova	(tenting) multidispliang
Magenstrif	i multi- desplaning
	Cersphany