Name: Yasmeen Rehman Dhe:
father name: Abdul Kelman
1. Give numbering Particulars: 241
2. Do not write lengthy paragraphs. Write.
medium sized palagraphs with headings.5).
3. Do not use table for comparison and
-contrast questions. 4 Oral feit es/diagram/flowchart where.
needed (a) what is octed rule in Chemical
5. Starnding estion Exopolation psoevalent bond in detail?
6. Write unit of the answer in ability section.
7. Explain mathematical step gand the 9.
8. Change colour scheme for references to which hold the atoms
give mentione visibility on molecule of tomceda unit
9. Managethnowellas Chemical Bonding.
10. Wide page borders are discouraged.
Should-be-reasonalds.
12 Give more weightage to expressedly asked a color
ports of the agestion account a mobile gas stable
electronic Configuration and atoms tend to
complère rueil valance Shall so Combine
with each other to from molecule.
2) They follow "Octet Rule" That is want
to complete their valance shall by filling
their 18 elections"
=) Nobel Rases have steethe electronic
assangemente because their over shalls
all full
with the first and the first a
(He) (Ne)
The rest of the second
He2 Ne22,8
time! aspent the street comp H-H (colombax)
Covalent Bond:
MIGHTY PAPER PRODUCT
Principle of the second

Date:
American Chemist G.N lowis in 1961 Jave
the idea of Covalent bonding
Detroition: A bond which is formed by
matual sharing of electron between
mutual sharing of electron botween two aloms is called or "electron paid bond"
(-vola00±00)
Caralent bond is fromed between
the same or different tind of atoms,
union should have high electronegativity because
Such atoms donot loss electrons easily,
that shall their electron to Complete
their octet due to the leason they are also
called hand hand"
"Non-Metal - Non metal bond"
Example: formation of the Clz, 14c1, 02, Nzero Types of Covalent Bond:
Tion to Consolant Rand,
Types of Coverent Doing.
on the basis of number of shared electron.
1) Sivere covariant bond
2) Double Covalent bond
Sie in a malaria hand
3) Perple Covalent Borig
2) Single Covalent Bond (Sigma bond).
A bond formad by mutual shacing of one
electorn pail (two electorns) potween two
atoms is called single condent bond."
=) represented by placing a single dash (-) between
fue atoms Cavalous
Example: H-H from a single typhogen bond
in the diatomic hydrogen atom
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Data
Date:
(+1) + (+1) -> (+(x) H) -> H-H
Mouble Covalent Bond:
and the second second
electron pail (4 electron) between two atoms
=) represented by putting two lines (dash)
(=) De two Mans.
Example, oxygen molecule
12/200110
0 = 0
3) Riple Covalent Bond:
Men 10 Louting
A band formal by mutual sharing of 3
election Dail (6 election) between two atoms
is called as triple covalent bond."
represented by potting 3 dash (=) between
two atoms
Example: Nz, ethyne
a support and all the control of the support of the
:N: :N: © N=N
+ (N) + (N) - N = N.
two Nijeogen Nitadeo mileaule
otom (2,5) Nitosgen molecule
The state of the s
The state of the s
2) why water molecules are angular
The shape of water mobicule is angular
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the to the process
on the origin atom. MIGHTY PAPER PRODUCT

as repulsion among one pails is highest the shape of the water molecule become
the shape of the water molecule become
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The state of the s
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to) was a sorte on confiction time and
(c) weste a note on cell/stevetice and function of human brain?
function of human brain?
0
The human nervous system (CNS) anoperpheral
The human nervous System (CNS) and peopheral Nervous System (DNS). The CNS have
Cartain lacation
(CNS) 9+ Consist of Brain and Spinal Cord,
I land and land, we want will
coinal cord all covered with three productive
membranes Called moninger
La Language de la Constantina della Constantina de la Constantina della Constantina
Steveture of Brain
It is enclosed within the cranium. The
three meninges are dulamated, arachnoid
maller, Dia matter. Between the gachnoid
and pia mattel, there is a fluid,
the Colebro-Spinal Muid, and hours
to Caushim the boath Tool shock
The beain is divided into 3 parts
A. Doenii
Losebrain Hindbrain
torebrain Midbrain Hindbrain
Cesepellom a will pons
V-thalamusy meaning
Exebour Hypothalamus PAPER PRODUCT

	Date:
1) Cerebrum:	human
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Chopare of the Case	boum is Caucal Cerebrael
Costex Containing 10	billion nework
intunctions of Cexebr	vn:
Cooppan associated	with higher brain function
euch as thought an	id action. The coephral
Cooler is divided in	to four Sections Called.
"lobes": The Fronto	al lobe, parietal lobe,
Occipital and temp	oral lobe different lobes
have defracent of	undians.
(b) functions of That	incus:
Recieve message	from five Senses and
Send it to lytochic	System.
	e Single Vill
(c) typothalamus:	Printer and International
Contoil Dulse, this	st apetite, Sleep parter
etc also called	pleasure and thirst
Center, also controls	hormonic Dovauction.
(d) (exebellum:	Films O
Control balance, r	navement, bodily postule
and Coordination	among body pacts.
	0 1
(e) Midbrain:	Diagram?
Master Courdinater	and acts as a bridge and
also Called sel	ay center.
(f) Medula: A	smotion as involuntary. De
performs vacious tegli	is including regulating
blood prossure ano	I breathing.
	9

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Date:
(d) Describe Ceu Stoucture, cuesse down
the function of atleast 3 Subcellular organizations.
organellies.
Cell Stoucture.
cee is the court of chaudian and functions
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and the state of t
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Santon a Michael Durananana de la como de la
1) Mitochondria : pouce house of Cell
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these are know cycle, acordic respiration;
party acid metabolismo etc.
O CICIO
(3) Diasma Membrane ?
of cell mombrane is the auteemost
bandey of cell.

Date:
(b) Name two pasts of N. (? Briefly
describe CNS. Describe Alzheimer Disease.
The human nervous system is divided into
Paets (CNS) Central Nervous System
Maeis (11) Celifoco IVelouera Systems
and (pNs) Pheeipheral nervous System.
(CNS) Central Nervous System:
At consist of brain and spinal Cord and
both are honow. The brain and spinal conds
are covered with these protective layers
Called meninges
Brain: It is enclosed within the cranium.
The these maningres are, dury matter
(next to the bone of cranium), avaching
matter (middle membrane), pla matter
next to the nervous tissues, but a machinoid
and pia maller there is a fluid, the
ceeps Coinal fluid, which helps to
caushion the beain from shock. The
brainis divided into 3 parts!
the state of the s
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toobrain Hindbrain
CONTROL STORY OF CONTROL OF STORY OF STORY OF STORY
couprorm Hypothalamus
Thalamus Ceaballum M. Oblogata
All sharings Discourse in Pons.
Meirores Diseage
Mental deskionation usually strices late
in life

Date:
(1) Caebanydeales all the major soulce
(1) Caebanydeales all the major source 1) energy for the cells. Describe their Steucture, function and Classification.
Steucture, Kunction and Classification.
(aebohydrates;
caepabelle are the human body's key
course of energy, powding sig calones
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Was de Commise of CM W Gelpon, nyongayon, and
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Caepanydeale Classification:
A CONTRACTOR OF THE STATE OF TH
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cand not be hydrophyzed
General formula is Cn(t/20)n:
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Date:
2) () l'quisachaeides:
an Greek Oligo means few. Oligesachoeide,
molecules of the came of different
molecules of the came of different
manacarchaeides.
The Corpused talming of disacthalide in Culais
sucrose = common table sofal = Thorase thoutouse
lactose : major sugae in milk : Therese + Flactose
a) Dollar Landon
3) Polysacchreides.
In Gweek, Doly means many. Dolykacenalths
are compand sugges and gold more.
Man 10 molecules of monosachaeides on
hydrolysis.
porteil general formula is (64,00sh.
Examples of homopolysacchaeides are steach,
Hycogen, Cellulose, pectin.
functions of Caepanydoates.
Sin Approximate the second of
(i) caebanydrates are third enough sourcers,
in many animals: they are instant
source of Denergy.
(ii) Glucose is Storad as Alycogon in animals and
Starch in plants.
(iii) Stored Calbohydrates acts as energy source
Civi Cachardana Oso Dichia fihas Content
The Cate Sound of the Contract
holp to proevent constipation
(d) Descus Emportance of Antimidants
and preservatives in bood?
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Antionidant Compand all one of the
chief debence mechanisms used by the
real to prevent free radical formation.
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by donating electron to those tree radicals,
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Good prosquation include different processes
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- A - B