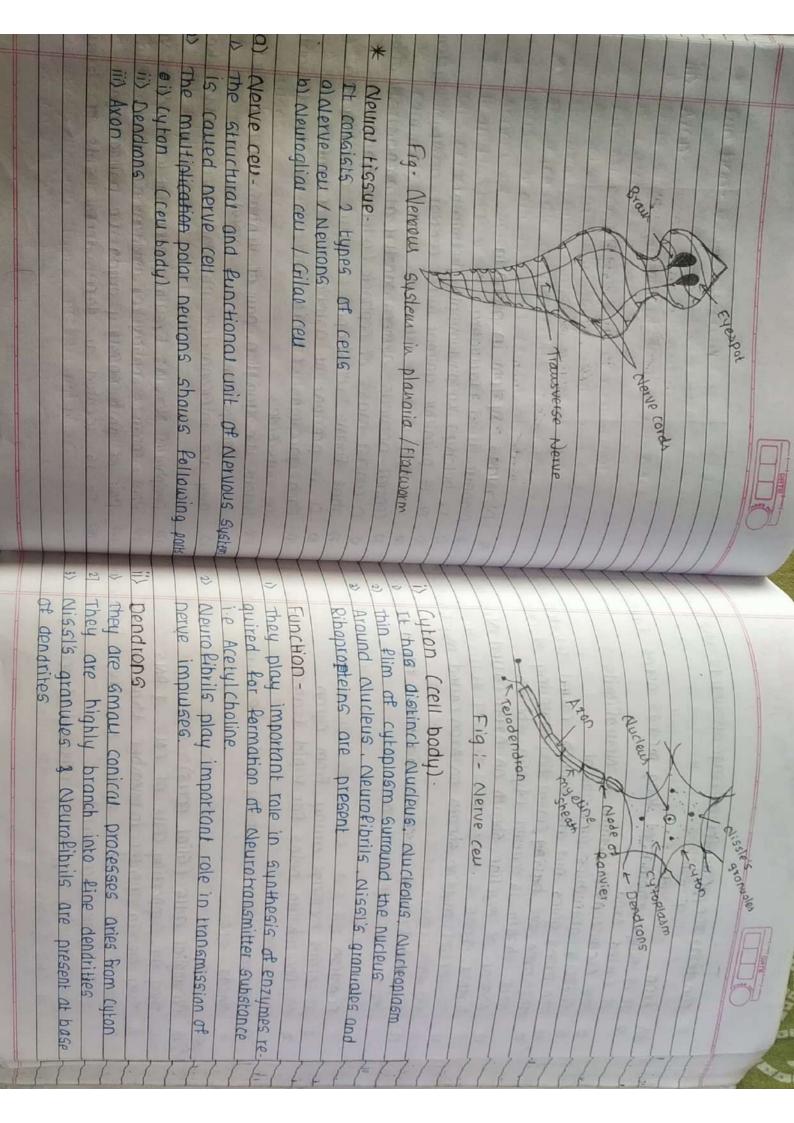
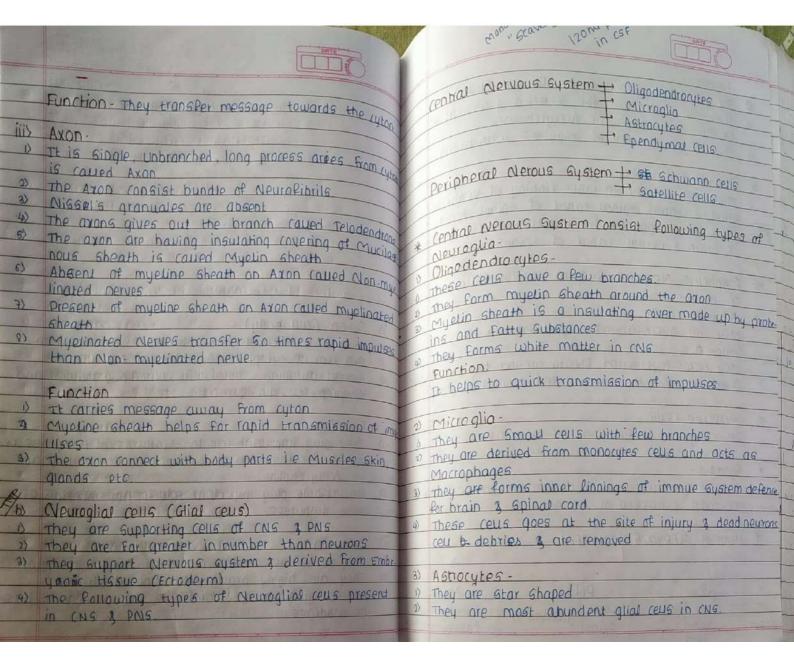
b) Gensory Ceus.  They are scattered in body wall and tentacles  But in hydra sensory organs are absent  They are helpful for capturing of prey	nerve impulses traveued in any direction of the bady  Nerve impulses traveued in any direction of the bady		Nerve cells are with herve libers  They are interconnected with each other by synapsein  bet nerve libers  They farm nerve net?	2 00		Co-ordination
manner  peripheral Mervous System present at later side of unc  poly peripheral Mervous System present at later side of unc  poly pair of photosensory torgan is pair of eyes  for the is located at dostro dorsal side of brain	the auterside  10) Below the ganglion, pair of Ventral Derve cords/long Nerve Card presons (VNS)  They are interconnected with each other in ladder like	111111	* Nervous syste  * Nervous syste  * planaria it a fla  * planaria it a f	Fig. Hydro	- Tentaris	

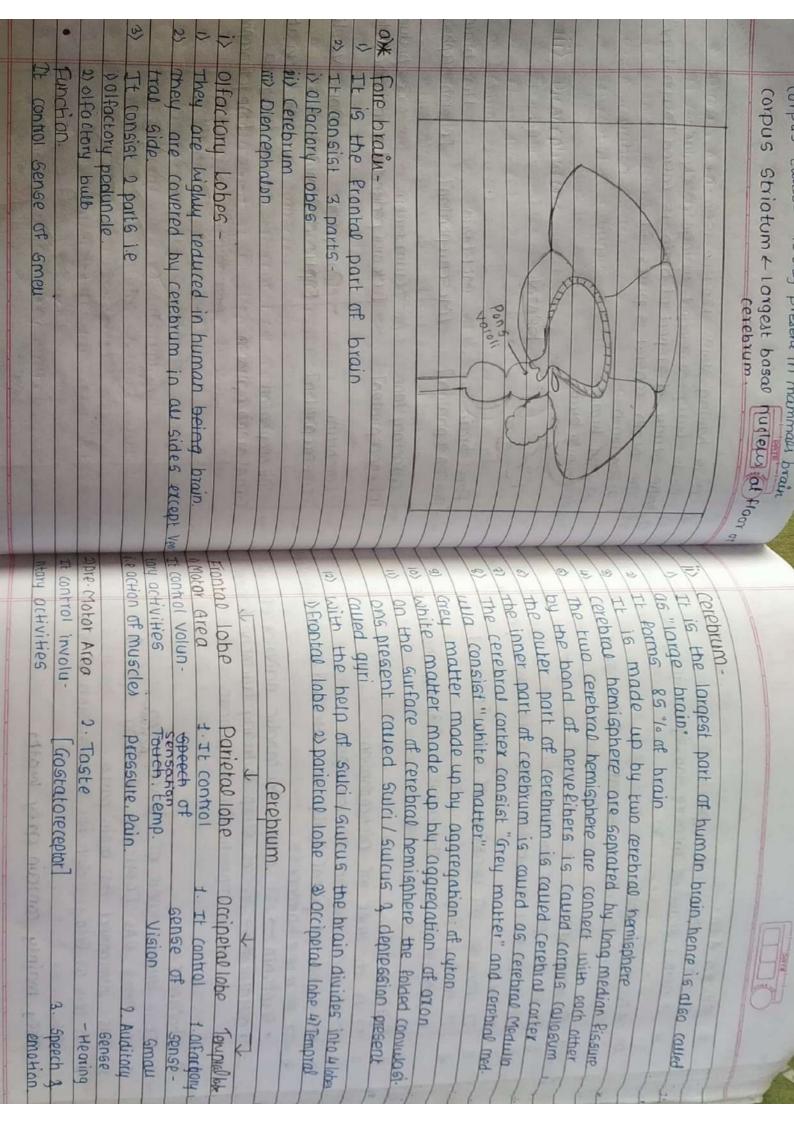
16) It is located at doste dorsal side of brain	
pair	
13) PAS CONSIGH - Sensory Cey arranged in lateral Cord in body	They are scattered in body wall and tentacles
manner med die manner ine	b) Gensory Cerrs.
Nerve (ard present (VNS)	Nerve impuses travelled in any direction of the body
the auterside	body & nervous co-ordination maintain in hydra
a) Each ganglians of brain aries nine branches towards	and motor neurons.  The nerve liber carries nerve impulses throughout the
1	Nerve contains nerve libers but there is no sensory
	5) One nerve net connect with epidermis
8) It is bring sharp and the s	nery form nerve nets forms in Mescales
2 It belongs to phylum - platyhelminthes	bern nerve
*	a) Their are interconnected throughout the body
and supplement of the suppleme	
Fig. Hydro	a) Norvio Callo
	b) sensory ceus
A Nerve ne	O Merve cers/ Neurons of Cers
	ple hervous
	Hydra is a chidarian porunia sustam
A Tentaria	* Nervous System in Hydra.
	And





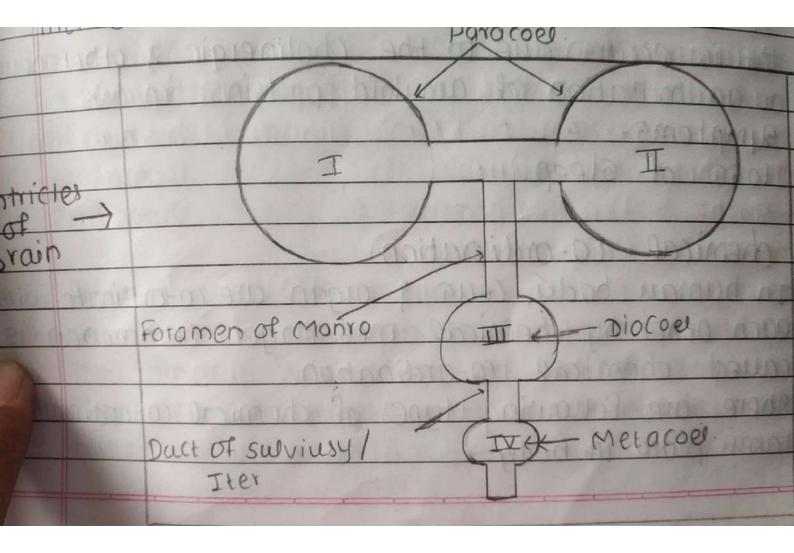
Brain Spinal - Spinal Interves - Parasymphetheric	* HUMAN NERVOUS SYSTEM  S  CNS  PNS  ANS	• Synapse-  It is a gap present in heth two neuron ise Axon of one name of dendran of another	inctions of Neurans	hwann Ceus- ey are most abundent glial ceus nchan ey forms myelinated sheath around eath around the medullated Ner	ain 3 Neural (a erap Nervous S	They are present in inner linning brain & central spinos canal of	They maintain Blood Brain Barrier (BBB)  They are responsible for secretion 3 absorption of  Deutral transmitter is Acetylcholine  3) They regulate electrical impulses with brain	function -
Ling now report hipshipping palar year or	nature Nutritive in nature in nature	gh layer Sparent er  The is also called 47th is also called 47th is also as "Hard Mother" as "soft mat	The is Anascular 2) It is highly layer Nascular Vascular Vascular	Archnoid matter lay It is middle layer of menings	there are 3 meninges present  1) Dura  1) Arch noid   mater.	Meninges- The brain & spinal cord externally covered by Elbrain	The is octodormal in origin  The consist 2 parts  o) Brain cord	

* Brain -  "It is soft, whitish, large sized slightly flattend structured in bonybot in cranium of 6kull of 15 having average weight -1380-1400 gms.	* Sub-dural space.  The space are present in betan the dura material  * Sub-archaoid space.  The space are present in betan the dura material  * Sub-archaoid space.  The space are present in betan the archaoid material  * Sub-archaoid space.  The space are present in betan the archaoid material  * Cared Sub-archaoid space.  The final suid is present in veatricles of brain a contain the space of spinal studed cist.  * Canal of spinal sluid  Descripted by Ependymal ceus  * Functions of cist.  The present deviding the space injury.  * Functions of cist.  The present deviding of brain (dry up).  The maintain equilibrium pressure in the brain  The helps to exchange of gases currients was material.
Front of Tempral Pons  Pateral Cobo Varoli  Sury vial Cobo Varoli  Espinal Cord  Sury vial  Sury vi	The is having Volm 1800 to 1600 cc  The is Rully developed at age at 6 years  The hair consist a parts ie aued Enaphanagy  The hair consist a parts ie aued Enaphanagy  This cephaton   Messentephalan   Lepenbenchalan  Thencephalan   Cophic chaismon  That amen cephaton   Cophic chaismon  That amen cephaton   Cophic chaismon  That amen cephaton   Cophic chaismon  Therefore the phaton   Cophic chaismon  Therefore the phaton   Cophic chaismon  The phaton   Cophic chaismon  The phaton phato

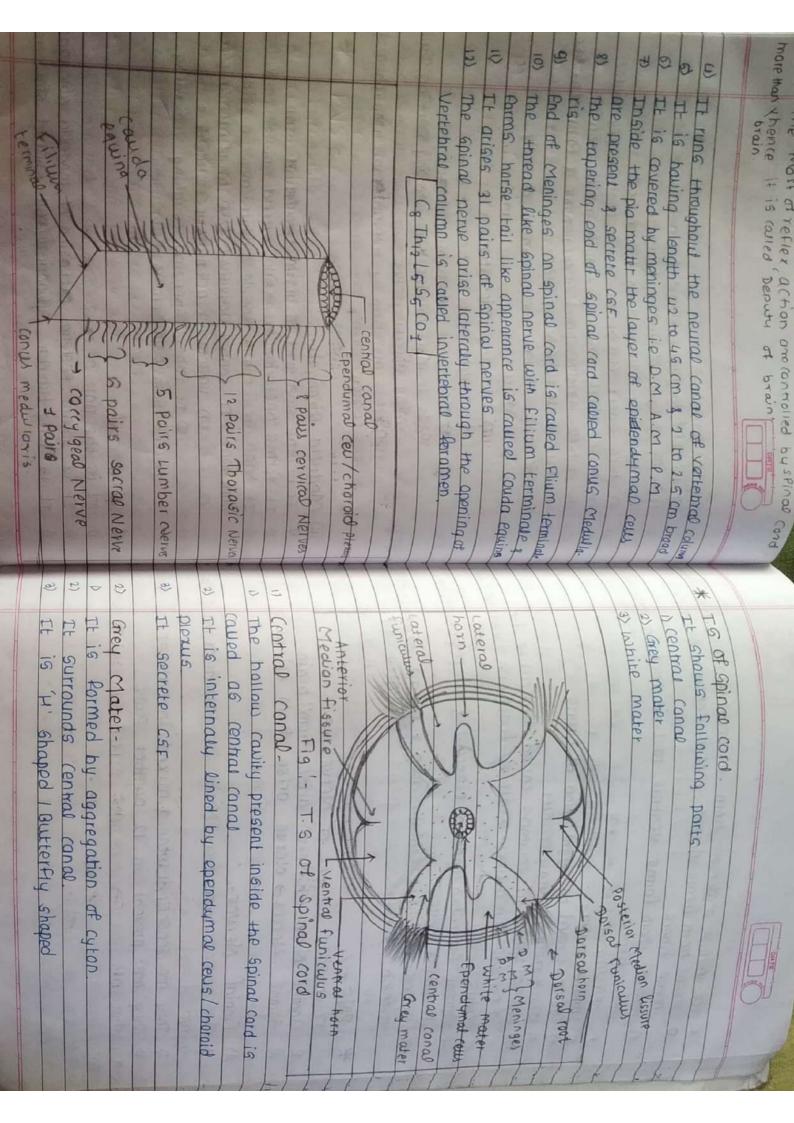


3>	Broca's Area-
to lead	TI (ODTO)
2>	It control sepace of more
	of memory, intelligence, judgement etc
	ASSOCIATION area
SHE'S	It control co-ordinate Gensation & movement.
1:::1	a signate sensation & movement.
1117	Diencephalon- It is the nort of Continue
12)	THE DUIT OF FORD PROJECT
Shapa .	15 present below the corpus collection & above
3)	THE PARTY OF THE P
4)	It enclose III ventricle of brain [Diocoel]
	DEDITORISE 3 parts i.e
-BING	DEpithalamus 2) Thalamus 3> Hypothalamus
1)	Epithalomus -
1)	It is the roof of Diencenhallon
2)	It is non- surface netuous nort
4)	The Stark of pineal body are attached to the Give
4)	secrete inditiones.
1 1000	· Sprotonin → It control Metabolic activities of brain
	11 19 SIPPI INCUIDO DOS CONTRADOS CO
action	reproductive behaviour.
2)	Thalamus -
1)	It is lateral wall of bien cephalon.  It forms RAS [Reticular Activing System]
4	It forms RAS [Reticular Activities Suchan]
3>	MA INTERCONNECT THE DIVIN DULLE
4)	It acts as Relay center for transmission of sonow in
1100	See The see of the see
5)	They mainly contain grey mater

OATE '-
u alamus:
3) Hypothalamus.  3) It is the floor of Diencephalon  1) It is the floor of Diencephalon  3) It is the floor of Diencephalon  4) It is the floor of Diencephalon  4) It is the floor of Diencephalon  5) It is the floor of Diencephalon  6) It is the floor of Diencephalon  6) It is the floor of Diencephalon  6) It is the floor of Diencephalon  7) It is the floor of Diencephalon  8) It is the floor of Diencephalon  9) It is the floor of Diencephalon  10) It is the floor of Diencephalon  11) It is the floor of Diencephalon  12) It is the floor of Diencephalon  13) It is the floor of Diencephalon  14) It is the floor of Diencephalon  15) It is the floor of Diencephalon  16) It is the floor of Diencephalon  17) It is the floor of Diencephalon  18) It is the floor of Diencephalon  19) It is the floor of Diencephalon  19) It is the floor of Diencephalon  10) It is the floor of Diencephalon  11) It is the floor of Diencephalon  12) It is the floor of Diencephalon  13) It is the floor of Diencephalon  14) It is the floor of Diencephalon  15) It is the floor of Diencephalon  16) It is the floor of Diencephalon  17) It is the floor of Diencephalon  18) It is the floor of Diencephalon  18) It is the floor of Diencephalon  19) It is the floor of Diencephalon  19) It is the floor of Diencephalon  10) It is the floor of Diencephalon  10) It is the floor of Diencephalon  11) It is the floor of Diencephalon  12) It is the floor of Diencephalon  13) It is the floor of Diencephalon  14) It is the floor of Diencephalon  15) It is the floor of Diencephalon  16) It is the floor of Diencephalon  17) It is the floor of Diencephalon  18) It is t
richly supply by broom in
CUDCHOLD Par attachment of pitutory glands
It provide site the artasis.  It maintain Homeostasis.  It maintain Homeostasis.
Internal equality p. G & Secrete harmones chaytorin & assupreme
5) It rate Respiration, blood press
Heart rate de sleep. Hrust, hunger etc.  The is centre of sleep. Hrust, hunger etc.
* Ventricles of Brain.  * Ventricles of Brain.  * Ventricles of Brain.  * Ventricles of Brain.
* Ventricles of Brain.  * Ventricles of Brain.  The open space / cavity present inside the brain is caused  the open space / cavity present inside the brain is caused.
Ventricle of brain  Ventricle of brain  1) There are 4 ventricles present in brain.  2) There are 4 ventricles present in cerebral hemisphere 3 it is
2) There are 4 ventille present in cerebral hemisphere
aued para coel  (a) The TI ventricle present in diencephalon & it is aued  (a) The TI ventricle present in diencephalon & it is
4) The III ventricle preseru in carre
Diocoel in medulo abioligas
Metacoel workicle are connect with The vertice
of monro with To yentricle by duct of sylvius/Iter
of Monco  The I & II Vermicie and  of Monco  The Yentricle Connect with IN Ventricle by duct of Sylvius/Iter  The Monco  The Yentricle Connect with IN Ventricle by duct of Sylvius/Iter  The Monco  The I & II Vermicie and I Ventricle by duct of Sylvius/Iter  The Monco  The Mo
12 Mid brain
a) It is present in bet" Dicepticulary
3) It consist 2 parts i.e



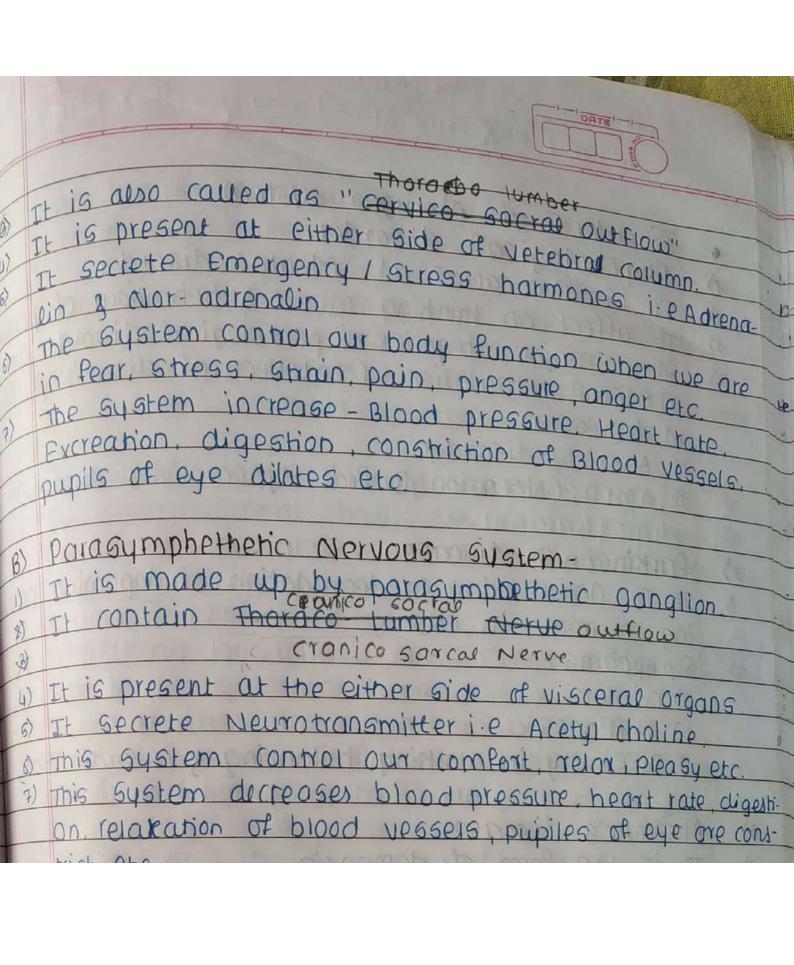
3) It is long tubular cylindrical/rod shaped structure.	
15 +	2) It ca-ordinate cerebrum, cerebeuum, meducua ablangati 3 Spinal Card.
	Function - 1) It ca-ordinate cerebellar hemisphere
2) It Control Sheezing, Coughing, Vommitting.	1
Sunction - 1) It control activitives like heart rate respiration	10
The forms posterior extension stem / Hind brain	It is posterior regi
ii) Medulla ablangata-	C) Warner
	FIGURE OF "RED NUCLEUS"
ming speaking of muscle be tone ming speaking of muscle be tone	g nerve
	Crura Cerebri.  Th is also called as "op
Auncinus 2) Posture 2) Posture	
Gruchire Called "Arbor Vitae" grey mater & forms her like	Lawer 2 (Superior Coliculi) involve in qualitary reflex
	It conto
It is highly developed in human brain	Carpara qu
It is and largest part of brain	ii) Cruta Cerebri
ELIO ELIO	
Transport of the state of the s	



Sinconso	-		
(Heart)			
Visteral organ			
ent, movement of	THE CHANGE WAY	TO THE PROPERTY OF THE PARTY OF	THE RESERVE THE PROPERTY OF THE PARTY OF THE
ntestings moven	THE PROPERTY AND	Neumogathic Nerves	The state of the s
secreation Gastro	LEINE AND	ablovator to nerve	are au in numbers
Gashic a Pancreat	Mixed	Csmaller Kagus	3) They are present in 12 pumber Pairs
retion, Swallowing			150
Taste, Salivary sec	Mixed	(TX Glassopharygeal)	nerv
Hearing & equilibrium	Plusing	AUGUNA	A) Cranial Nerves-
	Concon	MINITEDRA	Spinal Nerves - Nerve drise from spinal
Solivary secretion	VICENT 1 TO		Cranial Merues - Merue arise from t
facial expression	Mixed	to facial	15-
Movement of eyeball	Motor	Abducene Abducene	Lissure.
of jaw	THE PARTY NOTES	1/3	Median fissure
Sensation of Loud	Mixed	Trigeminal nerve)	
went of energy	TOTAL STR. TOTAL		2 Dorsal Puniculus, 2 lateral Punicul
Ratation	Motor	раньеніс	2) It Surrounds Gray mater
a tue tue transfig	THE PROPERTY OF THE PARTY OF TH	Mand brain	
Maria	Motor	accusamotor	HELVE APOLS
Senso of amell	Sensory	Орніс	harn forms ventral root it contain
Sense of Charles	Sensory	Olfactory	5) Dorsal horn forms darsal root it contain sensor,
Re de la constant de		Name	
			Tome

- Why all spinal herve are mixed in hature?	Medical accessory Motor management of Hypoglassae Merues T. II VIII  Motor Motor Merues Ashaudae  Motor Motor Merues Ashaudae  Motor Motor Merues T. II VIII  Motor Merues Te arise from Spinae Cord  Motor Merues are mised in nature  A) The spinae Merue Teputh of brain  This also caude Teputh of brain  Motor Mames  Motor Mames  Dairs  Pegion of Merue  Thorasic Merue II pairs  Abdomen  Merue S pairs  Abdomen  Merue S pairs  Abdomen
	Formation of Spinal nerves  The au Spinal nerves are mixed in nature  Recause they are formed by union of nasal roat year  That roat  The formation of Spinal nerve Liners 3 ventral roat  The formation of Spinal nerve Liners 3 ventral roat  The formation of Spinal nerves take place in neural  That calumn is caused intervertebral foramen  They are comes out through a small opening of ventreb  When they are comes out it is differenciates into  The are ingreates  Pamus  Pamus  Porsalis  Pance  The intervertebral foramen  They are ingreates  The intervales  The intervales

*	ANG (Autonomic Nervous (Misseur)  The Control the function of Visceral Organs.  The has a parts  A) Symphethetic N.S.  B) Parasymphetic N.S.
A	Symphethetic Nervous System-
D	It is made up by 22 pairs of symphetetic gonglion
25	It Contain cervico-sacral Nerve Pibers. Thoraco-Lumber



•	Digordon
1)	Digorders of Nervous system.  Phychological digorder
dona	
2)	and colled as "Montal disorder"
The second	
- 0/	THE DE DECEMBER OF DESCRIPTION OF GOVERN
500 6	a contession
310	Anexiety disorder
-	d) ADHD (Attension Deficit Hyperactivity disorder)
-01	A deligional deligiona
2>	Parkinson's dispase
1)	The It occurs due to degradation of dopamine produc
100	ing neurons in CNS Happy
2)	Symptoms - hormone
Não c	a) Trimer a de maria ant to trong a to to
	b) SHIPPNESS
1	
and.	a) Difficulty in walking, balancing & co-ordination
9>	Alzomario di coaco
1	Alzemer's disease
2)	It is the form of dementia.
-)	It is occurs due to the cholinergic & other neurons
	or accumulation of amyloid proteins in cns.
3>	Symptoms-
	1055 of 51pep.
	controller, contro