SRI SHANMUGHA COLLEGE OF NURSING FOR WOMEN



Approved by Government of Tamilnadu & TNNMC.Approved by Indian Nursing Council, New Delhi
Affilitated to The Tamilnadu Dr. M.G.R Medical University, Chennai





2.5.4 The Institution provides opportunities to students for midcourse improvement of performance through specific interventions



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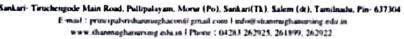


Retest Answer papers



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APP-ANATOMY AND APP-PHYSIOLOGY- RETEST

S.NO	STUDENT NAME	IA MARKRS	RE TEST MARKS
1	Brundha S	32	39
2	Haripriya G	30	40
3	Jenny marx S	31	3-8
4	Nivetha B	25	38
5	Nithyasri S	28	3-8
6	Santhiya S	28	40
7	Sivajothi M	31	42
8	Sandhiya C	25	40
9	Yogitha M	27	33

PRINCIPAL

Prof.SHEELAVATHI N.Ph O PRINCIPAL

SRISHANMUGHACOLLEGE OF NURSING FOR WOMEN PULLIPALAYAM MORUR P.O. 637 304 SANKAGIRI TK) SALEM DT) TM.

M. Sirajothi B. S. Musing 1 Year 12/12/2022 ANATORY 1. Arch of Aorta 2. Radial Nerve A Sternocleido Mastoid 5. canotid arrery 6. L3 SRI SHANMUGHA COLLEGE OF NURSING FOR WOMEN. II FULLIPALAYAM, MORUR P.O. - 637 304 SANKAGIFITKI. SALEM IDT TO a Derta

Aven of a Derta

Superior Venaca Va > Superior Venacava > Left amum Right atrium > Left venticle > Right Ventricle. >infaior Venacave

CHAMBERS OF > Right atrium > Left atrium > Right Ventricle > Left Ventocle LAYERS OF HEART > Pericardium > Myocardium > Endocardium. BLOOD SUPPLY OF HEART It is the Branch of right coronary artery vein drains into the coronary sinures The heart / equal size about 12 cm long acm. 250 g in/adult, 300 g in adult males. Apen is /directly anterioly, base is posteriorly. VALVES OF HEART + Bicuspiel Valve + Tricuspid Valve * The sught atium receives 3 veins - Superior Vena Cava - Injerior vena cava

- Coronary dinus

NURSING FOR WOMEN. DA. AVAM MORUR P.O - 637 304. LEMIDTITH

Placenta.

Plaunta is the product seen in the uterus.

contain nutrients and 02 to the mother to foetur.

Many nuturents and waste products are giving and success from the mother to poetus.

Tueo types of hormones seen:

hormone. peptide

steroid hamone.

Layer of skin.

- · Dernis
 - · Hypodumis
 - · Epidemis

Dunis

The Middle layer of Skin,

Hypodermis

innermost leagur of skin

It is composed of layers of Squamous epithericum ulls.

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Coronary Artery.

blood to the heart Vessels that supply oxygenated musele.

CONDUCTING SYSTEM

depecialized eils of the heart. Sinoatrial node

Athorenticular Node - A relay between allia and ventucles.

of this - specialized cuts at the superior interventional septum that receive Bundle neuve impulses from the atriventiqualar node.

Neuroglia.

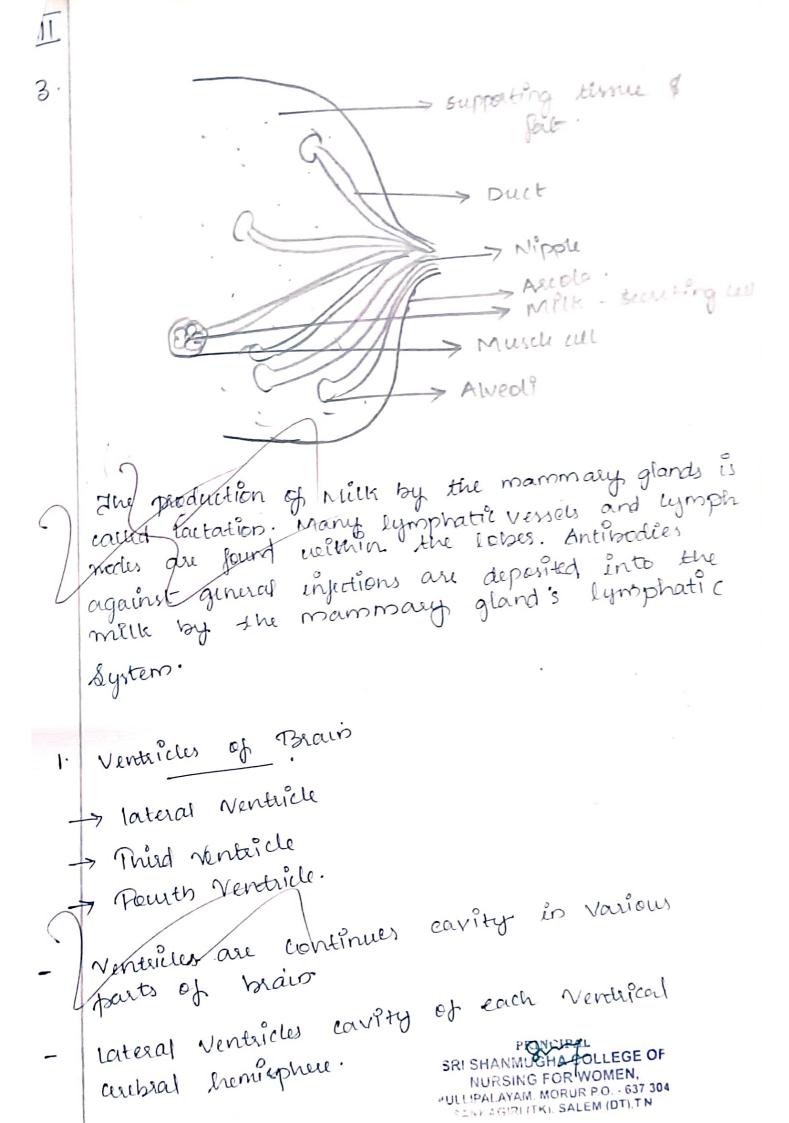
* Neuroglia of the PNS completely surround amons and all bodies. The £100 types of glial alls are the glias cells and 8 chevann celis.

Schwarin/cells contain myderm sheath around arons.

* Glial cells contains enchange between Neuronal alls bodies and interstitial edls.

- The astromayorytes and microgella is the main part of the Neurogeia. *ULLIPALAYAM, MORUR P.O. - 637 304

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- fourth ventricle is carity of hindbrain, midmain.
 - CSF Circulation is the Ventoldes and dubarachnoid Space provides Nouzishment to the components of brain
- The apole blue the brain and approal cord
 - CST contain Pressure and 02.
- Vernissem Appendist.
 - It is the organ seen in the digestive System. the long cecum et new for the functioning of ubbenging.
 - neep to destroy the microbes and injest menobes from the Appending.

Sun in the lower portion of the thre Stomach.

> NURSING FOR WOMEN, *ULLIPALAYAM, MORUR P.O. - 637 304. SANKAGIRI (TK), SALEM (DT), T.N.

M. S. March Y 51010 GIY Or Minerales I progediction for today squarements of Comma of 3 Total "Colome of is the many Megdo clasia Operan Graph Courseon embrehim T Original The Thrown JAMPING TO GERE OF DOMA GORGEN COMESTICAL CO to once telesia diese on the contract of a mention - types of tormunary. to Parole Promoving a flaggered. JUNES ALMONDERS of the first first as destroy to a looky. He tradeposts bodiner of martials egans the Con manage energy enc House wanter The resistance Countried by On mountained and result of orthogenic features to framo a active monousky 2 likes, the best many for a STLLEGE CH -thlound activ NURSING FOR MOMEN me december "是LPRLEISE 的PUF FG -位于201 SHIP JOH THE LAKER OF THE

Gromanular formacion Glomanular filmation is a process involved in the Johnston of wrine in bis; - The glomanular frenceton - takes place on the glama capillaries and glomoralus. -> The fanger molecules followed -brough - the capillaones, but the langer molecules and some Plasma wall not fatured -through at, because Proletos -they are -loo Small or - be pones are Small to = 2 filtration takes place b/w - there is a priessure Pass - the Sub Stance. defference The Kydnostauc Pressure in Gilomanulus, which opposed by the Osmotic pressure in blood. Albect all acts as together. 7.3kpa \$ (4+2) = 1.3kpa functions of Saleva Salava as the Part of digestive System. Sakva Contains; -INGOOD SOIL -> Waten. => Electrolytes. = 1/ Salgramy amilase. Antimicrobial/Sub Stances.

Salfva Junctioning in Many motes in the digestive Systemshanmucha college of NURSING FOR WOMEN,

AYAM, MURUL P.O. - 637 304

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= cleaning the mouth.

| Lubra Cating the mouth.
| Lubra Cating and burneds fication.
| Make the mough food into Swallople form and
| Easy Swallowing and maprid diglession.
| C.S. F.
| Conebra Pival Hurd.
| X Helps as a Curbion.
| X Muther Enchange.
| X Gas Each ange.
| X Thock observer.

gruf

SRI SHANKU SHA COLLEGE OF NURSING FOR WOMEN, PULLIPALAYAM, MORUR P.O. - 637 304 SANKAGIRI (TK), SALEM (DT), TN

PHYSIOLOGY M. Sivajothi L B. Sc runging 1 year body temperature. 2/1/2022 2. Ings. 3 Total lung capacity. 4. Isbronecters. 5. Megaloblastic anemia. simple columnar epithelium cesophagus. Peristalsis is a wavelike movern AURSING EGR WOMEN,
"ULLIPALAYAM, MORUR P.O. - 637 304 through mouth. It gives the easternam, month in a salem into in a casternam with salem into in the speed movement or food through the throat and rapidly reaches into the stomach. 3. Placenta Placenta an gover face structure between the mother and the foctus, and 94 toransferr of cerrtain substances accross system. Placenta => placental functions include exchange of substances, pro-lection to the foetus and maintenaof pregnancy. => Exchange of nutagents and wastes. - Maintenance of priegnancy.

- Secreting bormones during Buchidoxd' A * Human chorsonic gonadourophin. * oestrogen. *progesterion. = p Helps in Jetal adaptations. 2. Acromegaly It means 'large enchremities'-its occurs when there is exessive GIH Secretion usually typin a pilustary turnour after OSSIFPCOXFOD 91 complete. Chrical Features 12 Bones become - Usicken. => 79ssues -thickening. body's finst line of baseline of defense is Collections of non-specific innate defences, encluding phagocytes such as macrophages. 1.f are overwhelmed, activation of the poevenful emmunity. Immunity Agurred mode immunity. immunity ULLIPALAYAM, MORUR P.O. - 637 304 RAUK_CIRLITK) SALEM (DT).TN

This is a collection of Cells, defensive themseals and phySical banasens that protect against an enarmous
range of infections and harmful themseal and mane
Thesent at birth, hense the term simate!

Specific immunity Aquined immunity

Aquined immunity

Aquined immunity Can be considered the body's

Aquired immunity Can be considered the body's Second line of defense, activated when required by the innate defence System on by the presence of microbes or microbial products in body ti-

E Lymphocytes 3

T-cells

blood Cells but at any one time most of them are found in Lymphoid and other tissues than in the blood stream. They include neutral killen cells: They responsible for immunity and are produced in the bone marriow and some lymphoid tissues arthough Tocells mignate to the thymus pland for final maturation.

The hormone -thymosim produced by the tymus gland promotes T-cell maturation, which leads
to the oformation of fully specialised mature, function

S

type of antigen, and during its subsequent to through the body will react to no other anis

B-celli are both produced and matured in the bone manrow. They produce antibodies proteins that are designed to bind to and destroy anti-gens. As with T-cells, Each B-celli tanget one specific antigen and produces antibodies tangeted against that antigent alone. B-cells provide antibody-mediated immunity,

Cyto-toxic T-cells

These directly inactive any cells Carrying antigens. They attach themselves to the tanget cell and release powerful toncins, which are very effective because the two cells are so close

together.

Their are essential not only for cell-mediated immounty, but also for antibody - mediated immounty their central role in immunity is emphasized in structions where they are destroyed as by the human immuno deficiency virus.

Memory Brcells

CHelper 1- cells?

Like memony 7-cells, these Cells remain enthe body long after the sostial episode has been

- Counter with the same contigen by Stimulating the production of antibody - Secreting plasma Chemony 7-cells These long-lived cells Survive after the threat tys been neutralised and provide Cell-mediated immountly by responding rapidly to another en-Counter with the same anygen. Saliva is the Combined Secretions from the Sali-Vary glands and the Small mucus- Secreting glands of the cral mucosa. About 1.5 L Salivass Produced daily. it Contains; -Maier. - Mineral Salts. => Salivarry amy lase. - Ante Micro beal Substances. Secretion of Gliva in my my 1-1's Secretion Controled by the autonomic Derrou Panasympathatic Stimulation results in Secretion of cuatery Saltra cutib a low Content of enzyme. -And Other Ong ansc Substances. SHANMUGHA COLLEGE OF CIMPATHALIC SUMCHALIAN CALISES, Saliva cutih sursing for women, Saliva cutih palayam, morup po . 637,300 alen Content. Rich in Onganic Substances, kagiri (TK). Salem Jott, In

-Kunctions of Saliva. Chemical digestion or Duly Corchanides. Saliva Contains the enzyme Salivary amplace, which begins the breakdown of Complex Sugaris, including Starches, reducing - bem to the disacchangle matter. action of Calivary amplace taxesplace upto -the Stomach. Where -the hydrochloars callede reduces qu's e-lifect. 2-1 flabrication of mouth 1-15 high cuatien Content means that Saliva moisters and lubringates dry food into a Semi-Solid Bolus, mady for Swallowing. 8-1/Non-Spect-fic desence Lytozyme and immuno globulins Present in Saliva help to combat invading microbes. (Cerrebnospinal -fluid CSF Gradates Constantly from the venturicks the rough the Subarachanoid space around the brain and spinal cond. H is a clear, slightly alkaline -Ticiscl with a specific gravity. H contains; - Water. -> Dissolved gases and other substances Miner Salts. Galucose. => Small amount of unea.

Finitions of Covebrouping - Suit in my my est supports and prioteets the briain and spenal Could by maintaining a Unitorin priessurve arround these Vital Structures and by acting as a Coursion on shock absorber b/o the Brown and skull. occ Keek the priorio and spiral could motest and there may be exchange at numbers and waste products bow our and the intenstitial Figid of the brush. It sovolves so the cregulation preathing.

Alemanulan Filtration rate

The volume of Filhrate formed by each Kidney 90 Cath natures 95 Called the glamanular filtera-

TA healthy adult the GIFR is about 125 ml/min factors influencing (SFR)

Harmones influencing their production.

Parathyrord hormone.

HANMUGHA COLLEGE OF Cercreted by be Paralbyrord glands, and tage-WRSING FOR WOMEN;ALAYAM, MORUR PO. 637 304

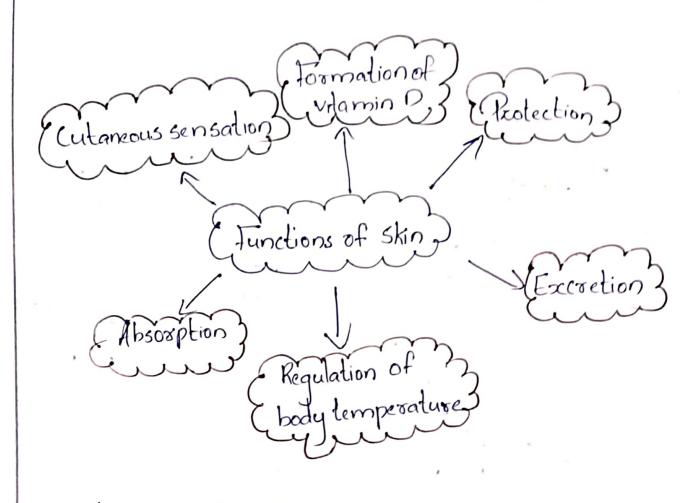
LAGIRITIKI, SAREHATI, THURTH the Calchonin - from the thyriat rega-Idea the creabsorption of Calcium and phosphate to nogenteen normal blood Calcium level and Calcitonin. Antifuriety hormone

Mill the General by the presenter previous ghood a mercent the permeability of the break according to the break according to water, I water membrang-trops.

SRI BHAMMUSHA COLLEGE OF NURSHIG FOR WOMEN, ULLIPALAYAM MORUR PO. - 637 304 SANKAGIRI (TK), SALEM (DT), FN

Andomy M. Swejothi 1 Multiple Choice Guestions 1. Arch of Aorta 2. Radial Nerve 1 Stemodeidomastoid mustle 5 - Caroled Artery W Very short answers 3. Layers ofskin muscles.

Layers of Skin Dermis Epidermis Epidermis 4. This is composed of stratified keratinised squamous epithelium. * There are no blood vessels or nerve endings in the epidermi but its deeper layers are bothed in interstitial fluid from the dermis, which provides oxygen and nutrients and drains away as lymph 4. Hairs, secretions from schaceous glands and ducts on of sweat glands pass through the epidermis to reach the skir. € Dermis +. The dermis is a tough and elastic layer. +. It is formed from connective tissue 7. The matrix contains collagen fibres interlaced with elastic fibres. + Structures found in the dermis include: · small blood and lymph vessels. · Sensory nerve endings. smy. Sweat about and their duds. Inversa couse orector pili muscles and sebaceous glands but as the ability declines with age, wrinkles develop.



- 2. Functions of Placenta
- + Placental functions include exchange of substances, protection to the foetus and maintenance of pregnancy.
- * Exchange of nutrients and wastes.
- * Maintenance of pregnancy
- A. Secreting hormones during pregnancy;

Human chazionic gonadotrophin.

Oestrogen

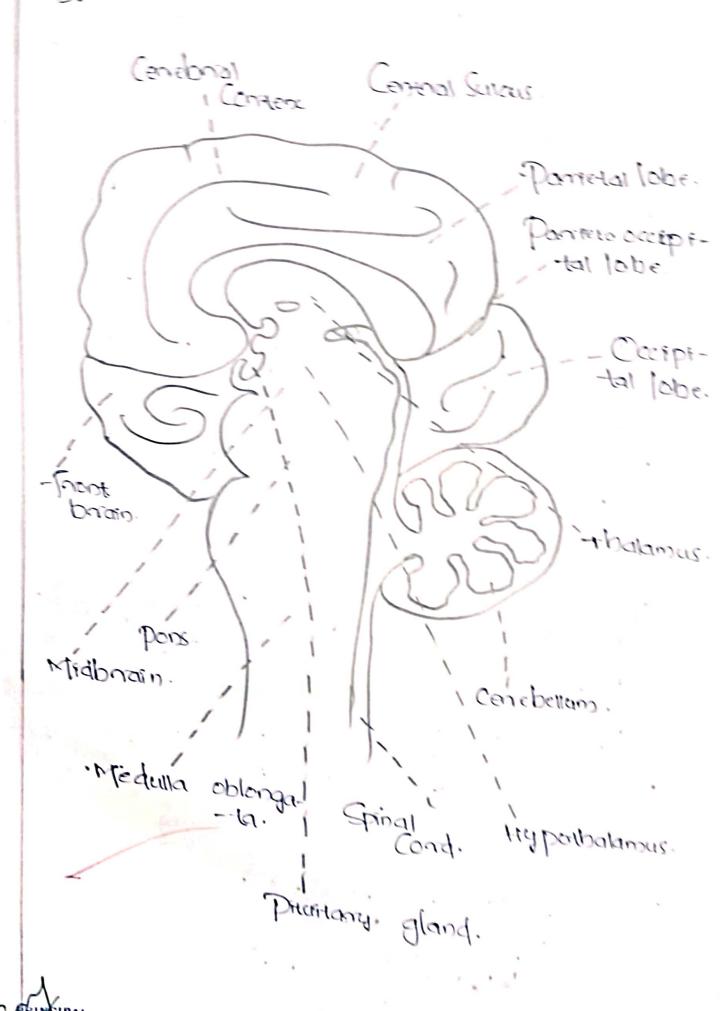
- · Progesteron
- * Helps in Fetal adaptations

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(3

1. Newroglia astrocytes) ependyma Types of Neuroglia, Oligodendrocy microglia =) The neurones of the CNS are supported by non-excitable glial cells, also called neuroglia. 111 Short answers 1. Ventricles of the brain fourth ventricle. right and left lateral ventricles Ventricles of the brain RI SHANMUGHA COLLEGE OF third ventricle NURSING FOR WOMEN, ILLIBALAYAM, MORUR P.O. - 637 304 SANKAGIRI (TK). SALEM (DT),T.N.

Structure of Brain



SRI SHAMMUGHA COLLEGE OF NURSING FOR WOMEN, ULLIPALAYAM, MORUR P.O. - 637 304 → Lateral Ventricles f. These cavities lie within the cerebral hemispheres one on each side of the median plane just below the corpus Callosum. * They are separated by a narrow septum and lined with cilialed epithelium. Each communicates with the third ventricle by an interventoicular Poramen. Third Ventricle The third ventricle is a tube-shaped cavily situated below the lateral ventricles between the two parts of the thalamus. of It communicates with the fourth ventricle by a canal, the cerebral aqueduct. = Fourth ventricle The fourth ventricle is a small diamond-shaped cavity lying below and behind the third ventricle, between the cerclellum and pons. filt is continuous below with the central canal of the spinal cood *! It allows passage of CSF into subarachnoid space through tiny toramina in its roof The appendix is a fine like } OLLEGE OF losed at one end opens from the laccium Ezeros below-the ileocacial value