

UNITVERSITY OF NAIROBI

END YEAR EXAMINATIONS - 2017/2018

YEAR V EXAMINATIONS FOR THE DEGREE OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

PAEDIATRICS AND CHILD HEALTH

WRITTEN PAPER

DATE: OCTOBER 30, 2018

TIME: 9.00 A.M. - 12.00 NOON

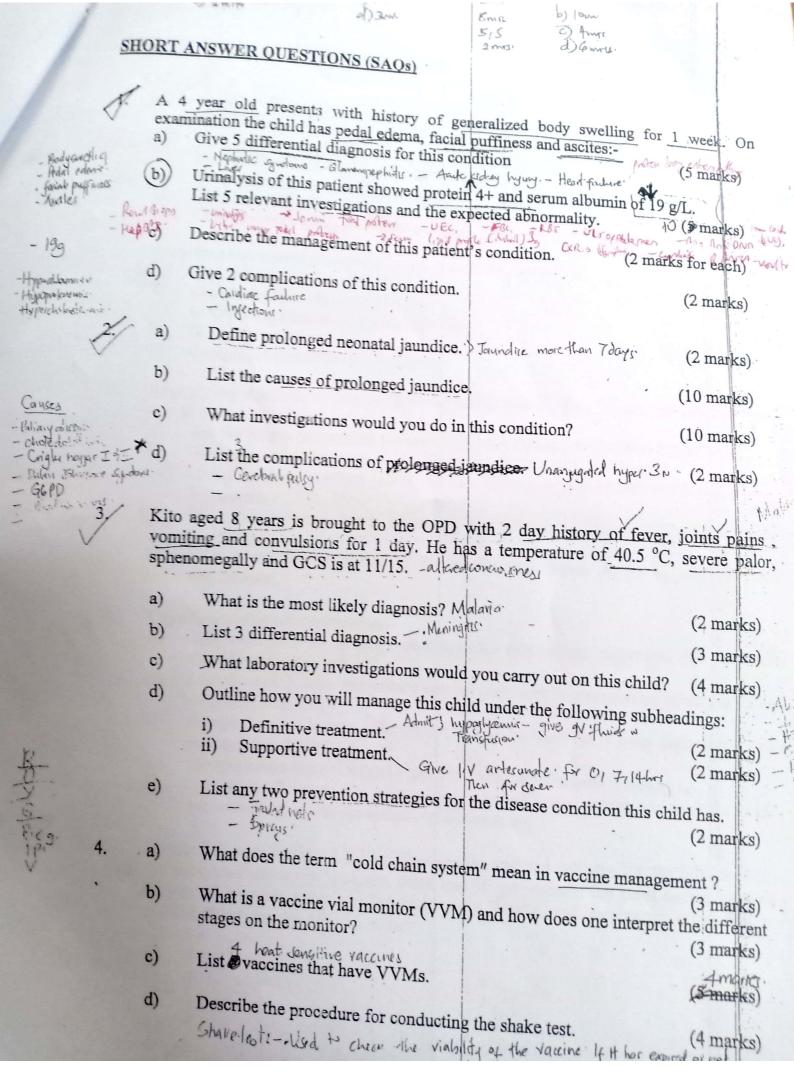
INSTRUCTIONS:

FOR SAQs

- a) Write your Student Number on each paper you write on.
- b) Begin the answer to a new question on a fresh paper.
- c) Write legibly, preferably "print"
- d) Answer ALL questions.

2. FOR MCQs

- a) Write your Student Number in the space provided on the answer sheet 5
- b) There is only ONE correct answer for each question;
- c) Write the letter representing the correct response in the space provided against each question, eg 1. a.
- d) In case of change of mind with respect to the chosen response, cross it with one line and write the correct response next to it, eg. X a b.
- e) Marks will not be awarded
 - i) If no response is chosen
 - ii) If a wrong response is chosen
 - iii) If more than one response for a question, even if one of the responses is



1. A	sick 6 hour old neonate, weighing 1.7 kg is admitted to the Newborn Unit with mild Start iv fluids at 60 ml/kg/down.
T • C	spiratory distress., fever and inability to feed. The most appropriate care is: Start NGT at 60 ml/kg/day and start iv antibiotics
B)	Start iv fluids at 60 ml/kg/day and start iv antibiotics Start NGT at 60 ml/kg/day and give in artibiotics
C)	Keep warm using alian and give iv antibiotics
D)	Give im vit K 0.5 months contact with the mother
E)	Clean the cord using betadone solution
2. Re	garding non-severe
B)	• Oral Amoxillin 100 mg/l- 121
C)	The state of the s
D) E)	- Local Py I Culling Co.
1)	Oxygen, iv penicillin and gentamicin
3. Aft	
ste	er giving ventilations to a newborn requiring resuscitation for one minute your next
A)	Ask the helper to establish iv access and much him to
B	
	The first boat all li less than 60 bagin short
68	
/ex	Chest compressions are to be started at a rate of 3:1 for all babies who are not
E)	
	Give ventilation at a rate of 80 breaths per minute so as to achieve faster
4. Reg	garding oxygen administration:-
A)	Only children with visible central cyanosis and oxygen saturation less than 90% should receive oxygen.
D)	
B)	Low flow of 2 litres per minute can be used with non-rebreather mask for babies with mild distress 370
C)	with mild distress 30.
C)	Oxygen has no known side effects; it can be used for a long time safely with
D)	Oxygen concentrators work by pure:
E)	Oxygen concentrators work by pumping room air to a baby's airway
-00	Use of high flow rate like 4 litres per minute with nasal prongs can work for a child but with a higher risk for abdominal distension
9 5. A ba	baby was uniformly blue, the pulse was 90 per minute of life
the	baby was uniformly blue, the pulse was 90 per minute, the nasal catheter passag
stim	ulated sluggish sneezing, the limbs were flaccid, and respiratory effort was not
A)	9 × N E
B)	14
	3. O Appearance D 1 2 3
E	1 Grise
E) .	4 Ao Activity.
a Noggia 18	P Skish.
90. 1	
	Scanned by CamScanner

⊕ 6.	A baby was born by caesarean section due to severe material hypertension. The birth weight was 1.4 kg. What was the baby's total fluid requirement on this first day of life?
	A) 84 ml + or B.
~	B) 112 ml
	C) 140 ml
	D) 60 ml
	E) 80 ml
7.	A baby aged 48 hours weighing 3.1 kg had deep jaundice with serum indirect bilirubin
	level of 310 micro mol/L. Choose the correct statement.
	(AX - Evangura of the behavior and the state of
	B) Dubin Johnson syndrome is the likely cause 4
Title	Breast milk jaundice is the most likely diagnosis
The state of the s	D) Exchange transfusion is appropriate treatment (>400000000)
3 14	El Demolytic disease el de
3.16	and the mobile is likely to be the cause,
8.	The following is TRUE regarding Dysentry:-
	A) Dysentry is an infections gastrointestinal distant
	A) Dysentry is an infections gastrointestinal disorder, characterized by inflammation of the small intestine
	Amoebiasis can only be diagnosed with certainty when cysts of E. histolytica
	containing red blood cells are seen in fresh stool or in mucus from rectal
1	C) Dysentery occurs with increased control of the c
10	C) Dysentery occurs with increased frequency and severity in children who have measles or have had measles in the preceding month *
	D) Irrespective of its cause, persistent diarrhoea settles once the infectious cause has
	been eliminated x
	E) WHO recommends that only migrabials is
	E) WHO recommends that only microbiologically confirmed dysentery episodes should be treated with antibiotics x
9.	Regarding perinatal hepatitis B transmission the following is TRUE:-
*	A) Postpartum transmission occurs commonly through exposure to infectious maternal
	blood, saliva, stool, urine or breast milk
	D) Ully applied the contract of the contract o
	B) Only about 10% of infants infected perinatally will develop chronic infection to is acquired y All children with the development of chronic subclinical hepatitis once infection
	is acquired
	D) All children with chronic HBV infection charles
1	D) All children with chronic HBV infection should not be immunized with hepatitis A E) Like HIV HBV and the chronic HBV infection should not be immunized with hepatitis A
4	
	the virus cannot cause infection if it and least 7 days. During that time
10.	the virus cannot cause infection if it enters the body of a person who is not infected. A newborn whose mother beauty
10.	A newborn whose mother has taken carbamazepine throughout her pregnancy because of areas. This finding is related to have a large cephalo-hematoma in his finding in his findin
	a severe seizures disorder is noted to 1
221	a severe seizures disorder is noted to have a large cephalo-hematoma in both parietal A) Vitamin A
11	, realistin Dia
	C) Vitamin C Larbon except premy
8 6 1	C) Vitamin C Folic acid Ceghololdendere. Vitamin Kx
1	Vitamin Kx
1	

	2. Y	which of the follow:	
	A	A) • Usually present with bilious vomiting * C) Common before cally regurgitation of a common before call the common before call the common before call the	
	В	Initially there is only regurgitation of occasional non projectile vomiting Oral feeds are started on the 3rd day not	
	C	C) Common bee conly regurgitation of	
	(1)	C) Common before I week of age Abover	
	Œ E	1) Illterand are started on the 2rd	
		Oral feeds are started on the 3rd day post-operation Ultrasound is not useful in diagnosis *	
12.	TU	Which Go	
	(1)	Most common cause of obstruction in 2	
	(A) B)	Most common cause of obstruction in 3 month to 6 year age group Typically present with	
	-,	Month to 6 years	Time?
	C)	Typically present with	-
	D)	Most intussusceptions strangulate the bowel within the first 24 hours × Associated vomiting is usually non-bilious Untreated intussusceptions is info	
	100	Untreated into	
	74	Untreated intussusceptions is infants is rarely fatal	
13.	A (O warm -11:	
		9 year old is having left iliac fossa pain, associated with colicky abdominal pains Watery stools. Colitis is suggested by the following:-	
	em	aptying the bowels. Colitis is suggested by the following:-	On
	A)	Watery stools - Water stools	OIL
	B)	Large volume stools	
	0	Mucoid stools	
	0	Ct. 1 Trace	
		Stool pH of less or equal to 5.5	
	E)	Greenish stools.	
14.	A 2	Vear old child presents with	
	true	2 year old child presents with strider over 2 days and coryza. Which of the follow	ing i
		9— B and condition!	-0
	A)	The antibiotics are indicated	-
	B)		L.
	C)	Dexamethasone should not be given as it may complicate the infection	The same
	D)	Nebulized Salbutamed may allowing at may complicate the infection X	The same
		mile i zace me builde!	
	E)	Pneumothorax is a known complication	1
			le it
·15.	A 4	month old presents with a 3 day history of low grade fever, worsening whee	
	diffi	iculty feeding. The following is true regarding this condition.	ze a
	4)	This is fact:	
	A)	This infection is uncommon in less than 1 year age x	1
1	B)	This child is at risk for later development of asthma X	
Cole	(C)	Inhaled bronchodilator therapy plays a key role in treatment	
	D)	Hypoxaemia complicates severe cases	
	and the same	Ci il i	
	E)	Steroids have been shown to decrease duration of wheeze	
74			1
16.	A nr	reviously well 2 year old child has been ill for the and 4.1	
10.	n pi	reviously well 2 year old child has been ill for the past 4 days and has not urin	iate
	the p	past 20 hours. There is no evidence of congestive heart failure on	hys
	exam	nination. The diagnosis of Prerenal failure is strongly supported by:-	110
	A)	A history of recurrent colicky abdominal pain	11
	The second second	A mistery of recurrent concky abdolinial painty	11
	B)	A serum potassium concentration of 6.7 mmol/L ×	11
	20	A urine sodium concentration of < 20 mmol/L	1
	D)	Presacral and periorbital edoma an audit	
		Presacral and periorbital edema on examination.	1
	E)	The presence of red blood cell casts in urine	
			1 4

17.	
	A 12 year child presents with generalized edema and urine dipsticle showed proteinuria of the following. After further investigation high dose prednisone was started. Which
	of 3+ and no blood. After further investigation high dose prednisone was started. Which A) Lack a no indication for performing renal biopsy?
4	A) SHOWING IS ON I SHOW IN COLUMN TO SHOW IN COL
	Di Sack Of response to the Only the same of the same o
1	
	D) Reduced serum concentration of C3 complement
	E) Relapse after remission for months
10	
18.	Which statement is INCORRECT regarding past streptococcal glomerulonephritis?
	as a seem especially in children
	11 usually occurs 7 - 14 days post throat infections
	it usually occurs 7 – 14 days post skin infections
	reatment of the primary illness with antibiotic will prevent glomerulonephritis
	E) The disease can range from isolated haematuria to severe glomerulonephritis
19.	
	The best method to reduce potassium level during hyperkalemia, by reducing the body of
	potassium is:- A) Sodium bicarbonate ×
	B) Calcium gluconate x & project the heart C) Salbutamol aerosol
	D) Glucose and insulin infusion
	E) Kayexalate (sodium resonium) enema
16 1 3 M 14	
20.	Regarding Molluscum contagiosum infection, which of the following is TRUE?
	A) Commonly affects hands and feet - nop and ricks
Arted Boshi	B) Lesions are generally itchy and painful Non tonder
	C) Lesions may be enucleated and cauterized
	D) 1% hydrocortisone ointment is useful therapy - Jely lumby or creditage E) The typical lesion is the target lesion - cyllene multipone line bac
	E) The typical lesion is the target lesion - cyllena milliforme line 0 30
	Concerning iron poisoning, the following statement is true:-
31.21.	dilation W. ACTION
	The state of the s
	1 1 1 -t-retron to lively to occur within and
	A attivated charcoal is useful
on	
russic aculom	E) Vin rose colour is a good sign of improvement but age of touch degreed - once - colour of touch
, blechy	Which of the following is the least likely cause of an erythematous groin in an infant?
by 22.	n in all dondinings
y, Hody	(A) Perilical Candidates
diam	B) Perineal psoriasis
	C) Tinea cruris
	D) Seborrhoeic eczema
1	initiant contact dermatitis
	Phare III
	Ohars takent and weather

A 7 year old presents with recurrent excoriated skin lesions on the trunk for the last 5 23. Azathioprine is indicated Etrem Murolinus Direct immunofluorescence detects; IgG antibodies in blood - chiral degree B) Elevated IgA level in the gut biopsy suggests dermatitis herpetiformis C) Acrodermatitis enteropathica is related to the gluten enteropathy - Time degray Consely. D) Moderate potency topical steroids have a role in care (E) A 10 year old girl presents with a painful hip and limp for 4 weeks. Which of the 24. following is a true statement? Positive ASOT confirms acute rheumatic fever Positive rheumatoid factor has a better prognosis B) C) Intravenous Cloxacillin has no role in care D) Perthes disease is likely cause in case the child is a sickler Positive anti-smith antibody gives, indication of disease severity E) 25. A 9 year old infant presents with one episode of a generalized tonic-clonic seizure associated with fever. This is the second time in 2 months. Which of the following is false? A lumbar puncture should be done immediately A) B) • This type of convulsion is the commonest in children The child should be started on anticonvulsants. C) The child has a higher risk of getting epilepsy in future./ D) E) This condition is self-limiting and children recover fully by 3-4 years 26. In the general management of convulsions: Combination therapy is the preferred mode of treatment A) Drug levels should be monitored routinely for all patients for potential toxicity/ B) Carbamazepine is the drug of choice for absence seizures C) Phenobarbitone is a good choice for generalized seizures for children less than six D) months of age Anticonvulsants should be tapered down and stopped once seizures are controlled E) 27. Regarding myelomeningocele:-Neurologic deficit is not common in cases where there is no leakage of cerebra A) spinal fluid B) • Maternal folate deficiency is responsible for over 99% of cases V Recurrences may occur in the same family C) Condition commonly occur as an isolated defect with no other abnormalities D) E) With treatment, children do not have neurological sequela

A 3 month old child is noted to have an accelerated increase of the head size during a 28. routine clinic. Regarding this child's condition; The infant most likely suffered from meningoencephalitis that was not detected A) *Communicating hydrocephalus is the most likely type in this infant B) Medical treatment with Acetazolamide is an effective as surgical management C) Hydrocephalus is associated with more severe neurological problems compared to D) hydraencephaly MRI and cranial ultrasound identifies the specific cause and severity of the E) 29. A three year old child presents with acute onset ascending weakness of the lower limbs. On examination child is a febrile, power and tone in both limbs are reduced. Deep tendon reflexes are absent. Concerning this child's condition. Sensory function is usually spared Bacterial and viral cultures are usually positive B) C) - Cerebral spinal fluid with elevated protein with no cell or only a few cells in Steroids should be given early in the acute disease D) . Autonomic dysfunction is not a common feature of the disease E) 30. Cyanosis in the Newborn may be caused by the following EXCEPT? Transposition of the Great arteries Ventricular septal defect B) C) » Hyperbilirubinaemia Coarctation of the aorta D) Eisenmenger syndrome V E) What is the dominant mechanism with which infants and young children increase their 31. cardiac output? A) By increasing ventricular contractility/ By increasing heart rate A By increasing ventricular end diastolic volume 1. Tenha tork B) C) : By decreasing heart rate D) By increasing respiratory rate E) 32. Which of the following is NOT TRUE about the development of acute rheumatic fever? It develops during the acute phase of a group A beta-haemolytic streptococcal infection of the throat It is not associated with streptococcal infection of the site other than the pharynx B) -C) It usually occurs during the course of epidemics of streptococcal throat infections in crowded settings ~ D) It is far more common in underdeveloped countries Its lesions involve the heart, joint, skin and nervous system E)

33.	A two year old infant is noted to have mild cyanosis, assumes a squatting position during walking. He is noted to have increased fussiness followed by increasing cyanosis, A) Hypoplastic left heart B) Transposition of the great arteries C) Anomalous pulmonary venous return D). Tetralogy of Fallot E) Aspiration with obstruction to air passages
34.	What is the commonest congenital heart disease with left to right shunt casing congestive heart failure in the paediatric age group? A) Atrial septal defect B) Atrioventricular septal defect C) Ventricular septal defect D) Autopulmonary window E) None on the above
35.	Maina is seen at the maternal Child Health Clinic at the age of 9 months with delay in development milestones, has not had any tooth eruption yet, has bossing of the skull with prominent custochondral junctions and widened wrists. Which of the following is NOT a consistent finding in this condition? A) Hypocalcemia B) Low Vitamin D levels C) Hyperphosphataemia D) High parathyroid hormone level E) High alkaline phosphatase level
36.	You are in the dermatology clinic when you see an 8 year old girl with hyperpigmented, scaling patchy lesions over the forehead, cheeks, neck, hands are foreman, feet and legs. The girl's mother reveals that the rash gets worse on exposure sunlight. The most likely diagnosis is: A) Scurvy B) Beriberi C) Pernicious anaemia D) • Pellagra E) Contact dermatitis
37.	Psoriatic lesions after appears at sides of physical mechanical or thermal trauma. A) Auspitz sign B) • Koebner phenomenon C) Nikolsky D) Herald sign E) Oncholysis

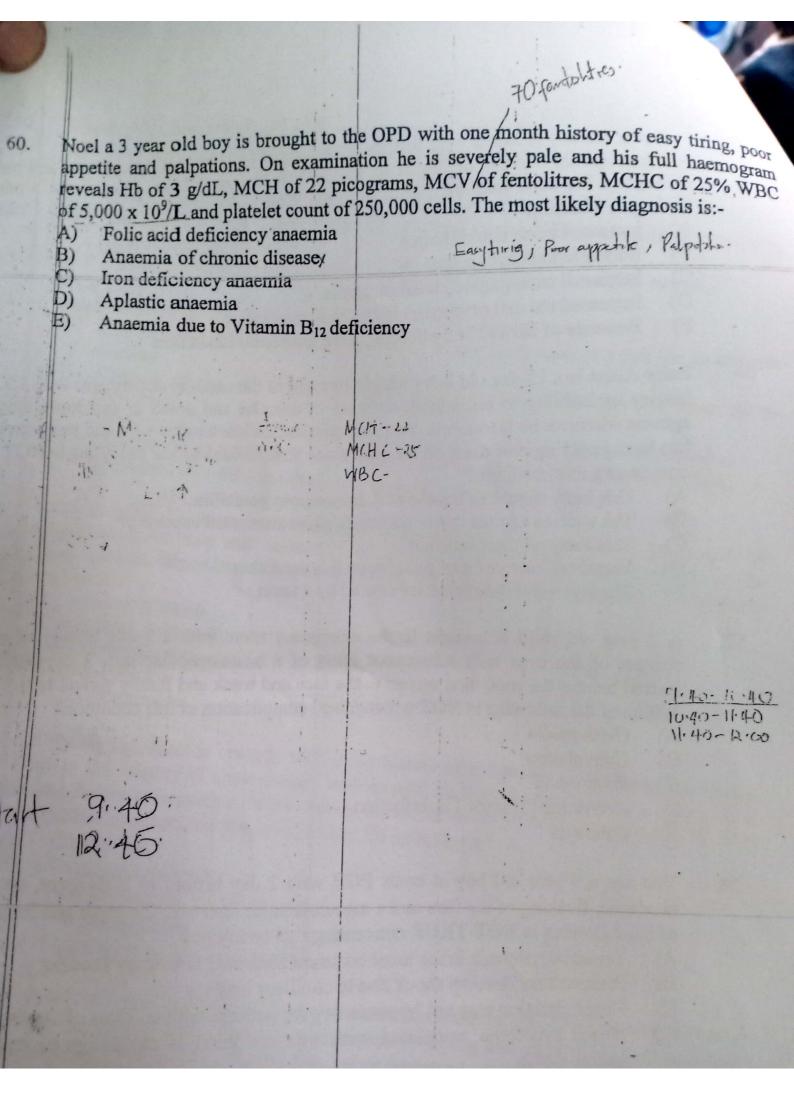
88.	A 3 year old boy presents with areas of scalp alopecia associated with scaling, and itchiness. You also note that he has cervical lymphadenopathy and that his 5 year old
	sibling has a similar rash. Which of the following is the best treatment option for this
	eruption?
	A) Topical ketoconazole cream
	B) Selenium sulphide lotion
	C) Oral griseofuluin D) Observation
	D) Observation E) Oral Doxycycline
39.	A 7 year old girl presents with 2 months of fever, weight loss, epistaxis swollen left knee
	and diffuse bone pain which often wakes her up from sleep. Which of the following is the CORRECT diagnosis?
	A) Benign hypermobility syndrome
	B) Leukaemia
	C) Juvenile idiopathic arthritis D) Legg-Calve-Perthe's disease
	D) Legg-Calve-Perthe's disease × E) Idiopathic nocturnal bone pain (growing pains) ×
10	
40.	Shi prosonts with pall oil the left ankle joint for the last of weeks associated
	with morning stiffness that resolves after moving around for several minutes. There is associated swelling of the same knee in the evenings. The most likely diagnosis is:-
	(A) Osteodiumus
	B) Septic arthritis C) Reactive arthritis
	D) Juvenile rheumatoid arthritis
	E) Rheumatic fever
141.	Which of the following is NOT a sign/symptom of hyperthyroidism? A) Weight gain
	B) Goitre C) Increased sweating
	C) Increased sweating \(\times \) D) Fast pulse
	E) Prolonged diarrhoea
42.	Which of the CH :
42.	Which of the following hormones are produced under the control of the Reninangiotensin system?
	A) of Mineralocorticoids Adosless - Andricker
	B) Catecholamines
	C) Glucocorticoids
	D) Thyroxine X
	E) Glucagon 4
43.	Genetic counselling includes all of the following EXCEPT:-
	A) Discussion of available genetic testing
	B) Discussion of available therapies
	C) Assessment of the occurrence or recurrence of risk
. 1	D) o Discussion of the impact of the disease on the patient and family
	E) Recommendation of specific reproductive options/
	, and the state of

44.	Which of the following activities is a 2		4 /
	Which of the following activities is a 3 year of A) Draw a triangle	d NOT able to do?	4- 1-60 Aug
	B) Climb up stairs 2 steps at a time		7 (10000)
	C) Speak in sentences	1	±8
	D) Know his name and gender.		(Age(4/2) x2)+0
	E) Make a tower of a 9 blocks		1-6y (4)Age, ±8 (Age(ya) x2) +8 7-12ya (Age(ya)
45.	When examining a child in the Maternal Chil	TT la	1-1 aga (ngaya)
	When examining a child in the Maternal Child words like mama and dada. Assuming he is deage?	Health clinic you no	otice he is using single
	age?	veloping normally,	what is his most likely
	A) 2 Years *		
	B) 8 Months		
	C) 1 year		
	D) 18 months		The last of the la
	E) 3 years		
846.	Which of the follows		
(*)	Which of the following development abilities a A) Pincer grasp with index finger and thurst	ppear latest in child	development?
	A) Pincer grasp with index finger and thumb B) Transfer of objects from and the state of the st	apposition	ar . oropinone,
		ther -9m.	
	WILLIAM SUPPORT OF		
			1Kg-1"3
	E) Making a tower of 2 blocks - 9%.		T I
47.	Normal increase in langel, 1		
	Normal increase in length during the first year A) 10 cm	of life is approxima	itely? xoxx
	B) 25 cm	Tura ac	Dur
	C) 6 15 cm	2 17-6	Birth: Scom
	D) 20 cm	yr las	0 36
	E) 30 cm	1.1. 60	Birth: 50cm. (Againys) 5
	L) 50 CIII	- broad 7-600	
48.	Which of the Call	Pubety 13cm	lyeor
70.	Which of the following is true about conjugate	1-1- ' 0	
	MMR Conjugated vaccines are those in which	there is more than o	
В	 B) Conjugated vaccines tend to induce a poor C) Meningitis C vaccine is not available in 	Orer resmana 1	
C	C) Meningitis C vaccine is not available in	orer response than p	polysaccharide vaccines
D	Hib vaccine is an example of a conjugate	1 (:I)IIIII(I:I) h	arthur a Tolkin Tolkin
F	All conjugated vaccines and it	d vaccine	
2,	E) All conjugated vaccines are live alternate	ed vaccines	
10 117	Will Ca Cu		
49. W	Which of the following is true concerning th	e two cholera vac	cines licensed for use in
Ke	lenya?		101 000 1
A)	One formulation is administered or	ally and the oth	or one is an inhestable
	formulation +	any and me om	et one is an injectati
· M			
VB)		make a second	
C)	They provide protection for a period of	7-10 years 2 year	5
D)	Dukoral contains recombinant B toxin s	subunit poteste	mandt 01,0139, 8760
E)			
L)	Recommended storage temperature is	1210-23 C 2	-80
		4.	

Which of the following is FALSE concerning the oral polio vaccine? A) & It reduces the frequency of symptomless excretion of wild viruses It may cause vaccine associated paralysis It may protect contacts of vaccinated people J The bivalent formulation currently provided in the KEPI schedule is protective against serotypes 2 and 3 It must be stored at -15 °C to 25 °C at national and regional vaccine stores 51. Which of the following is TRUE concerning BCG vaccine? If given again to a child who has received it previously there is a risk for an adverse reaction B) . Absence of the BCG scar is reliable evidence that BCG has not been given previously Induration at the injection site is a usual reaction to successful immunization Enlargement of a regional lymph node to 1 cm is a sign of an adverse reaction, It provides 60 - 80% protection against pulmonary tuberculosisx Kazungu aged 12 years was diagnosed with epilepsy at the age of 3 years and his convulsion have been well controlled. He now presents with gum hypertrophy, coarse facial features, hirsuitism and gynaecomastia. The most likely antiepileptic drug he has A) Phenobarbitone Sodium valproate B) Carbamazepine Phenytoin Ethosuximide A 5 month old infant is brought with 2 day history of cough and difficulty in breathing. 53. There is also history of close contact with an aunt diagnosed with sputum positive TB 2 months before presentation. Mum reports the infant received BCG vaccine at birth. The best method to determine if this infant has TB infection is? Chest x-ray X Tuberculin skin test Gastric aspirates for Gene expert Interferon-gamma release assayx Erythrocyte sedimentation rate x A 3 month old child was treated for an ear infection 2 weeks ago. Her mother now brings 54. her back to hospital with complaints of excessive crying and irritability. You perform a lumbar puncture and it reveals the following: increased protein, low glucose levels, and increased white blood cell count predominantly neutrophils. Based on these findings she most likely has: A) Viral meningitis B). Bacterial meningitis Aseptic meningitis Subarachnoid haemorrhage

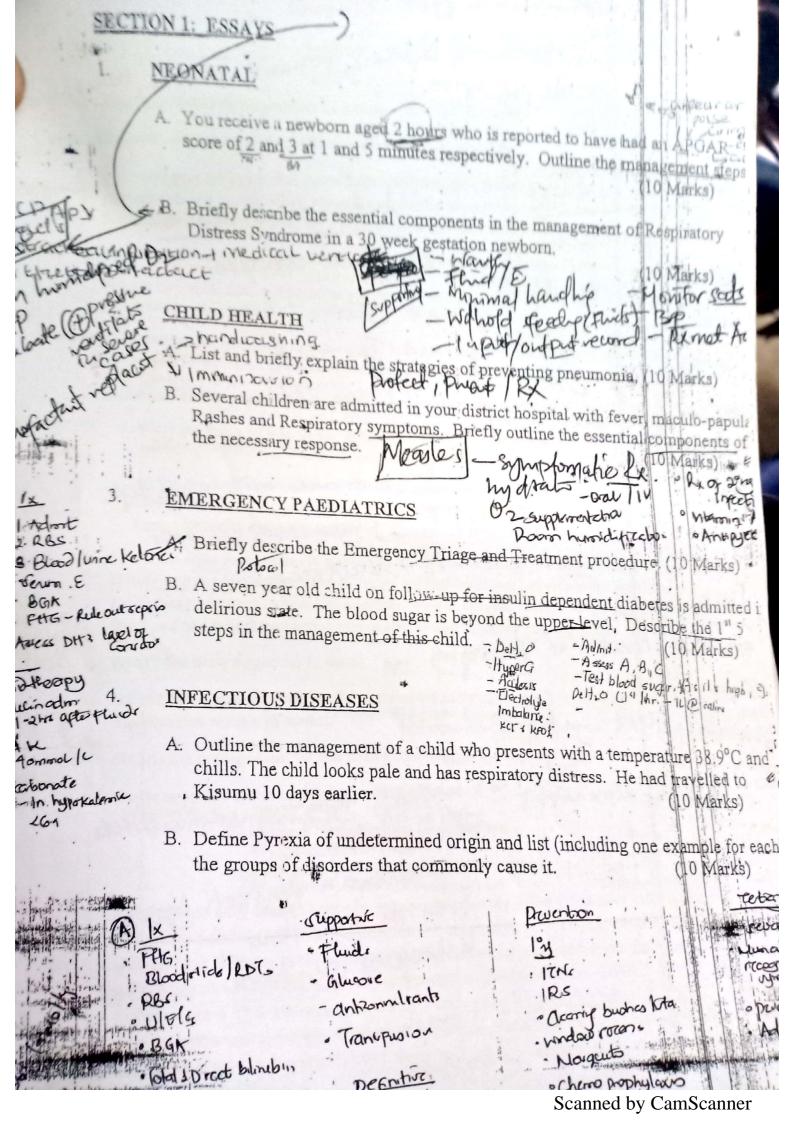
	55.	A 7 year ald 1
		July Old DOV precents
		and joint pains, bossing of the skull and failure to thrive. Mum reports that 2 other finding in this skills.
		siblings of the child have similar symptoms. Which for the Mum reports that 2 other
		and the state of t
		(A) Increased urine (Incl.)
		B) Raised reticulocyte count V C) Increased unconjugated bilirubinaemia V Bore of Joint Falls
		C) · Increased unconjugated bilirubinaemia
		D) Increased red cell precure in the
		The bone marrows /
		E) Presence of Howell Jolly bodies on the peripheral blood film
	56.	
	-0.	Baby Aisha is a 13 day old baby who is brought to the casualty department with a 3 day
		True of the dutte of the cold since pirth Which of the fellowing the strong
		S and containout;
		A) This baby should be treated with intravenous penicillin 17
		The vaccine against this condition is a live attenuated vaccine
		The vaccine against this condition is a live attenuated vaccine This baby requires sedation D) Vertebral fractures may complicate this condition Covered
		D) Vertebral fractures may complicate this condition
		E) The signs and symptoms are caused by a toxin
		and symptoms are caused by a toxin
5	7.	A 2 year old shild in how I
		A 2 year old child is brought to the emergency room with a 5 day history of cough,
		of the cycs with subsculent onset of a maculonomiles made 2 days 1
		the cars, then spread to the tace and trunk and finally
		a recognised complication of this condition?
		A) Otitis media
		B) Convulsions
		C) Pneumonia
		and of fatont 1D infection
	(E) Cataracts
58.		You see a 9 year old boy at coast PGH with 2 day history of high fever, retro-orbital
		headache, flushing of the face and a maculopapular rash over the trunk and limbs. Which
		indimine of the lace and a macinopapillar raph over the total the time
		Torrowing in 1101 TICOT CONCENTING (Unit Conv.)
	1	A) Thrombocytopenia is the most common abnormal laboratory for the
	I	Patients may develop shock due to capillary leakage
	(Hospitalization may not be made to capitally leakage
	G	Hospitalization may not be necessary for patients with no signs of severe infection
	a	Shock syndrome associated with this condition is characterized by decrease
		haemoglobin
	F	
	L	There is no specific or definitive treatment available for this condition
59.	A	4 year old child who travelled from Webuye 2 weeks ago is diagnosed with mala
	TT	Third sale with mala
	W	men of the following lindings would indicate the child has complicated malaria?
	A)	Platelet count of 150,000/mm ³
		D1-1
	B)	Blood urea nitrogen of 8 mg/dL (2.9 mmol/L)
	C)	Blood pressure of 85/60 mmHg
		Transfer of 65/00 mining
	D)	Haematocrit of 9%
	E)	White blood cell count of 11,000 cell/mm ³
	-)	with blood cell could of 11,000 cell/mm

55.



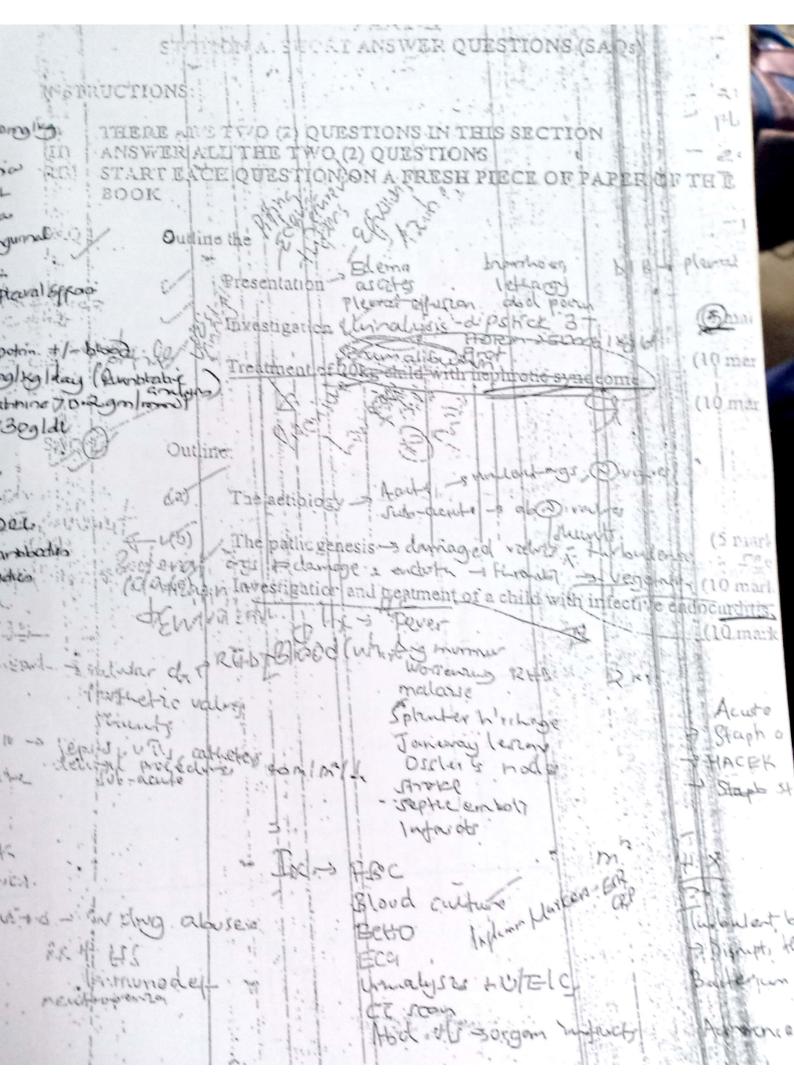
SHORT AND	R QUESTIONS (SAQs)
THSTRUCTIONS:-	RQUESTA
:	(SAQs)
16 111111	
(III) ANSWER THE TWO (2) QUESTIONS IN START EACH QUESTION ON A FRA	
EACH OUT (2) QUESTIONS IN	THIS STOR
LESTION ON A FRE	ON
(III) START EACH QUESTIONS IN EACH QUESTION ON A FREE	1 BOOLCTIV
Regarding Immunization:	
Member - 45	
- REG 1	
Non icely of Outline the immunizable distributed of the Cold of th	
mearle porteria theographicable dis	seases in children
Managary Dige	There is the state of the state
Non icely - album the KEDI schedule.	1/45
priority mumps	Deliberation
A 2 year old child	Marie ella Phoras
A 2 year old child presented with fe	wor, drawnes we
	i lia da la
Outline the causes of this pro	
	Coentation
med (ta) Outline how	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
artide now, you would inve	stigate this child
Harden 10 HBC + Blood culture	
	wyx+> carrect rist of
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Print vigors : LONG ESSAY QUESTIONS (LEQS)
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el Cola Desibe an HIV exposed shild of from Ju celle
WILL CONTRACTOR TO THE PROPERTY OF THE PROPERT
De Discussithe investigations done for an HIV exposed child (10 marks)
Describe the prevention of mother to child Transmission of HIV.
(35 marks)
sty - 18 matri
Discuss the following in a patient with shock.
rectors - RBS (a) Resemble of the party of t
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SHORT ANSWER OUESTIONS AND LESON MOTOR	100-500 mgldy Protein
Attempt all Owners	
Write each Question (Q 1,2,3,and 4) in its own angue 250 mg 2 of	and Gluciell
Write each Question (Q 1,2,3,and 4) in its own answer sheet.	• (222)
Tegi ulli nou a mini	5-80
photophobia and muscle aches. Physical examine school wit	h acute onset severa soul
photophobia and muscle aches. Physical examination shows that blanchable) rash. He is febrile, has a weak pulse, a stiff neck with	he has a hemorrhagic (ha
blanchable) rash. He is febrile, has a weak pulse, a stiff neck with a. What's the diagnosis and what's the most like.	positive Kernig's sign:
N. Marcha 17 That's the most likely causation !!	
b. List two other common bacterial nathogonal - Ne Wennig	whole
marks). S. Agalacie, S. menno. V. Pneuno	similar infection in children (2
c. Describe the diagnosis	
c. Describe the diagnostic test you would carry out to confirm the claudy (Agree) of the sample and microscopy (4 marks)	ne diagnosis and at the
results (appearance of the sample and microscopy) (4 marks). d. Which antibiotics	C.F.
d. Which antibiotics would you choose in the management of the composition of the composition of the management of the composition of the composit	
Describe three long to the amphibit of Cethor	is child's condition? (3 marks). Ga
Describe three long term complications that may be associated that the marks). (N Patris, Deapress, Bindres, Compared Atasking)	ted with this condition (6 Cef x
Blindra, Casa Atalia	X (
List the vactines available to the second	가 가지 않는 그 가 상태(人)의 가스 가스 가스
childhood bacterial pneumonia, the recommended age at address contraindications to these vaccines. (7 marks). PCV	to a reduction in incidence of
contraindications to these vaccines. (7 marks). PCV	ministration; and two absolute
2. If relix, an eight year old have	
of easy bruising and severe bone pains. He has had fever that has	epistaxis; and a month history
and a state of the	responded noorly to
antibiotics and noted to have lost significant weight. On examinat 5g/dl and has generalized lymphadenopathy as well as hepatosple	ion he is pale with an Hb of
a. What's the likely diagnosis? (2 mark).	enomegaly.
diagnosis: (2 mark). ALL	
b. List the two diagnostic investigations you would carry out to confi the expected results. (6 marks). PBF: Blancells (upopulate)	
the expected results. (6 marks). PBF : Blart cells auropadoles	rm the diagnosis and describe
- II All Maria	DV V 350% Plan
C. Discuss the management for this child's condition. (6 marks).	typecollular be
ii) Briefly describe: a) the cinical presentation (4marks) - The cinical presentation (4marks) - The cinical presentation (4marks)	though mon
higes Hereutiones Epistans Limited	Cylochemical Elen
D) Diagnostic investigation (4 marks)	
individual section	Myelopeon tod phan
c) Management of Haemophillia A (3 marks)	GATES
3. i) A 1 day old baby born at home by spontaneous vertex delivery	CDIO'C , high bushavarage
brought to paediatric entergency department because	to a para 2+1 mother is (Da)
brought to paediatric emergency department because he was no	oted to be generally unwell, is Cr
and anneally stickling. He is noted to be deemly intrinsic	ad lothardia and Mil
and a second at the baby is reported to have cried in	mediately at high The
temperature is 37 degrees celcius, the respiratory rate is 65/min	rute and he has a henatomoraly
of 4 cm below costal margin. On further inspection of the ANC h	ook it's noted that the mother's
blood group was "B-Negative", VDRL negative, Hb 12g/dl and ur	inalysis was unremarkable sho
attended clinic only once.	THE STATE OF THE S
11 18	
Prevnococcal Measles	
A maritar	SERVICE TALL THE SERVICE
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	Coombile Tect LPCI Billing of Cover (Direct) UEG	b) Paraldehyde a) Phenytoin a) Phenobarbital a) Sodium Valproate Hoodyba duof naukoni	60 Which first-line agents an ischemicencephalopathy (HIE a) Benzodiazepines
	(Total)		preferred in treatin
	Drain plevial Essuron, Ascutto PRG. Transfusion/Exchange Consect exchange Monitor renetabolic pour (dadois), hypoglycemia) PV Immunoglobulin Pondropose disposen	o Adront	g seizures secondary to hypoxic-



Especial Land
Essay Questions John Cserling
Collins Colombia
List the director of contraction
Cay historical disguosis of a four year old cliud who make
Cay historical disgressis of a four year old child who present with
day history of greatised orderna. Bustly discuss the investigation of the chief the present with the carry out on the patient to help identify the diagrams.
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The cany out the disease of a four year old citied who present the cany out the disease of anient of the disease for an entire the cany out the disease of anients of anients of the cape of anients of the cape of anients of the cape of
reduced the form and long to the form of t
Discuss there term and long term measures that could be fallouted to the could be fallouted to t
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Discuss the evolution and manag	ement of an 8 yr old who	persistent diarrhea () dreby regret
3: Discuss the clinical presentation are	d management of archite	with kubacura land
, and a child	with pyreada of unknow	i origin
5. Write short notes on the following. a. Kenya primary immonizati	1	Hospital Date Goo cost Perheat
6 A two year old presents with three		Combod Grand a very poor appetite Cygral
a. Your differentials(9marks)		· Ramovegel
b. Lab investigations describi Write brief outlines on the followin	ng how they will help yo	pur discriminate btn your differential
b. How would you investigate	a child with haemolyti	e jil craniai nerve(12marks) ic dhemia(13 marks)
c. The flow of CSF in the CNS 8. Discuss the differential diagnosis(1)	Omarks) and Investigat	างก็วที่ a 5 days ald neonate with
convulsions and feeding difficulties	一一一	l viëit specific manggement(1) mark)
ist differentials of a four year old	child who presents with	h Liday history of generalized never a
Briefly describe investigations you	would carry out on this	s patient to help identify the diagnosis
All. List the couses of anemia. Briefly o	1, 1	
that would be taken to reduce the	re deficiencles	cuss the short and long term medalites
Describe the common causes of ne	onatal convilsions. H	ow would you manage a baby with this
condition		
14. Describe the WHQ classification of interventions which have proved to	acute respiratory tra seful I reducina man	ct infections(15 marks). Outline
pneumonia(10 narks)		
15. Describe the management of the o		s in the city slum
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4. In regard to emergency triage assessment and treatment in an outpatient department for children aged less than years: Define riage. (4 marks) List the 3 triage entegories and state the importance of triage as related to time spent by the patient before being attended in outpatient department. (6 marks) List the legger gency signs. (7 marks) List the priority signs. (7 marks) a. Triage is process of rapidly screening sick children soon after arrival in a hospital in order to identify (4 marks) b. 3 triage categories and state the importance of triage as related to time spent by the patient before being attended in outpatient department, category. (6 marks) Those with emergency signs - require immediate emergency treatment Those with priority signs - given priority while waiting in the queue so that hey can be assessed and treated without delay Non Argent cases, waits in the queue for their turn 1 2C.35 A c. Emergency signs ("marks) Obstructed airway Severe respiratory distress ii. Hi. Central cyanosis; signs of shock coma! convulsions AVII. severe dehydration SOL HALL d. Priority signs (6 marks): (if no emergency signs found- 1 mark for stating this) (total / marks) Tiny baby < 2 months Temperature | high tayer. Trauma and other urgent surgical conditions. Pallor severe Poisoning' Pain - severe Respiratory distress Rest essness, ethargic Urgent referral Visible severe wasting Kavashiorkon/ Sound on Soth feet Major burns.

