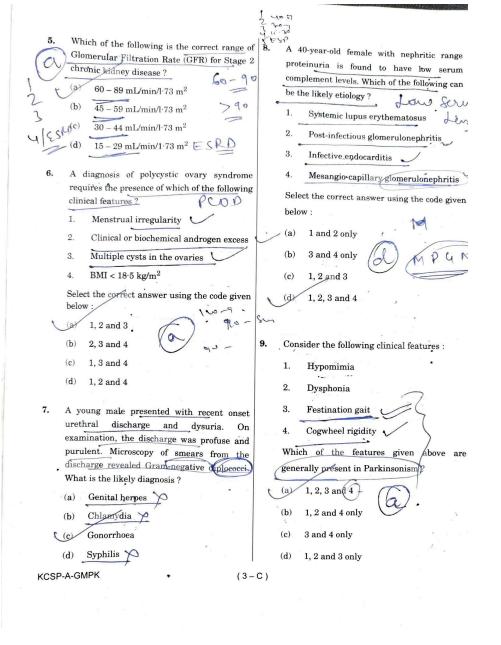
Consider the following findings in urine examination of suspected haematuria:	Which of the following are poor prognostic indictators in glomerular disease?
Dipstick test is positive for microscopy following component	1. Female sex 2. Hypertension
A: Myoglobinuria D: White blood cells G: Glomerular bleeding	3. Persistent and severe proteinuria
: Hematuria E: No red cells H: Intravascular hemolysis	presentation /
C : Hemoglobinuria F : Red cell casts I : Rhabdomyolysis	Select the correct answer using the code given below:
Which one of the following triplets is correctly matched? (a) B, F, G (b) A, D, I (c) B, E, H (d) C, F, H 2. Which of the following statements are correct regarding anti-glomerular basement membrane disease? 1. It is a rare autoimmune disease which presents as rapidly progressive glomerulonephritis. 2. Antibodies are formed against α3 chain of type 4 collagen GBM. 3. The α3 chain is expressed in basement membrane of glomerulus and the retina. The disease may be associated with retinal hemorrhage when it is known as Goodpasture syndrome. Select the answer using the code given below:	below:
(a) 1 and 2 only 2, 3 and 4 only 1, 3 and 4 only	(a) 1, 2 and 3 (b) 1, 2 and 4 (c) 1, 3 and 4
1, 2, 3 and 4	(d) 2, 3 and 4
KCSP-A-GMPK (2	2-C)



10. Circuits between the basal ganglia and the motor cortex constitute the extra pyramidal system which controls muscle tone, body posture and the initiation of movement. Lesions of the extra pyramidal system present clinically with: (a) Tremor and rigidity (b) Seizures	13. The height of the Jugular Venor determined by: (a) Right atrial pressure (b) Right ventricle pressure (c) Left atrial pressure
(c) Urinary incontinence (d) Muscle wasting Transient Global Amnesia (TGA): 1. TGA mainly affects middle aged persons who present with abrupt, discrete loss of anterograde memory lasting for few hours. 2. During the episode, the patients are unable to record new memories resulting in repetitive questioning. 3. Consciousness is impaired during the episode and the patient is unable to perform even simple motor functions. 4. After 4 - 6 hours, memory function and behaviour return to normal but the patient has complete and persistent amnesia for the duration of the episode. Which of the statements given above are correct? (a) 1(2 and 3) (b) 1(2 and 4) (c) 3 and 4 (d) 3 and 4 12. Contralateral homonymous lower quadrantanopia is the type of visual loss seen when the lesion is located at which one of the following anatomical locations? (a) Frontal lobe (b) Temporal lobe (c) Parietal lobe (d) Occipital lobe (KCSP-A-GMPK)	(d) Left ventricle pressure 14. The SA node is situated at the junct (a) SVC and RA (b) SVC and LA (c) LA and LV (d) IVC and RA 15. High output cardiac failure is which of the following diseases? 1. Beri-beri 2. Severe anaemia 3. Thyrotoxicosis Select the correct answer using the below: (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3 16. Reverse splitting of second heart most commonly seen in: (a) ASD (b) Severe MR (c) LBBB (d) Pulmonary hypertension

17. Which of the following are major criteria under the Jones Criteria for Acute Rheumatic Fever? 1. Chorea 2. Erythema Marginatum 3. Subcutaneous Nodules 4. Polyarthralgia Select the correct answer using the code given below:	19. Which one of the following is the appropriate scoring system used to assess the risk of stroke in patients of non-valvular chronic atrial fibrillation on oral anticoagulation (a) HAS-BLED (b) AMT-4 (c) CURB-65 (d) CHA ₂ DS ₂ VASc
(b) 1, 2 and 4	regard to pulmonary embolism : 1. Unexplained breathlessness is the most
(c) 1, 3 and 4	common symptom.
(d) 2, 3 and 4	2. When congestive heart failure or
	pneumonia fail to improve despite
	Standard Modeler
18. A 70-year-old man with dyspnoea on exertion	pulmonary embolism should be considered.
has been found to have a single second heart	
sound and a loud diamond-shaped, rough	3. Patients with high clinical likelihood of
quality systolic murmur best heard at the	venous thromboembolism should first underge D-dimer testing alone without
right 2 nd intercostal space, radiating to the	obligatory imaging tests.
right carotid artery. Which one of the	1 3 -(
following is the likely diagnosis? .	Which of the statements given above are
(a) Patent ductus arteriosus	correct?
(c)	(a) 1 and 2 only
(b) Ventricular septal defedt	(b) 2 and 3 only
Aortic stenosis	(c) 1 and 3 only
(d) Pulmonary stenosis	(d) 1, 2 and 3
KCSP-A-GMPK A	- C)
KCSP-A-GMPK A W	
	*
	Santa es e

	23. Consider the following statements regarding
21. Consider the following criteria:	Lofgren syndrome :
1. Pleural fluid protein : Serum protein ratio > 0.5	commonly seen in temales.
2. Pleural fluid LDH : Serum LDH matio >	
2/3	d wroitis
3. Pleural fluid LDH > Two-thirds of the upper limit of normal serum LDH	incluide fever,
	3. Clinical leastings and bilateral
Which of the above criteria, if present in	lymphadenopathy.
pleural fluid, will indicate an exudate?	Which of the statements given above are
(a) 1 and 2 only	correct?
(b) 2 and 3 only	(a) 1 and 2 only
(c) 1 and 3 only	(b) 2 and 3 only
(d) 1, 2 and 3	(c) Vand 3 only
•	(a) 1, 2 and 3
* .	
22. Which of the following statements are correct	24. Which of the following investigations may
with regard to clubbing?	be used for the diagnosis of pulmonary
1. It usually affects the fingers	
symmetrically.	1. Nucleic acid amplification
2. It does not involve the toes.	2. Culture in Middlebrook medium
 It may be associated with malignant 	t 3. Light emitting diode fluorescent
lung conditions.	microscopy with auramine staining
4. It may recede following the lung	4. Peripheral blood smear
transplantation in cystic fibrosis.	
Select the answer using the code given below:	Select the correct answer using the code given below:
(a) 1,2 and 3	(a) 1, 2 and 3
1, 3 and 4	(b) 1,2 and 4
(c) 2, 3 and 4	(c) 1, 3 and 4
(d) 1, 2 and 4	(d) 2, 3 and 4

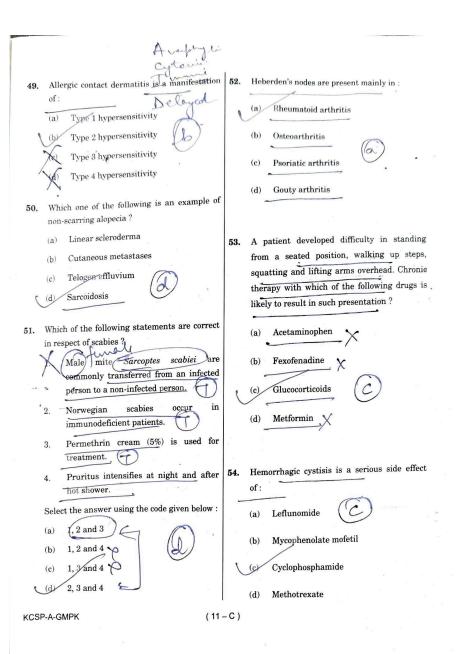
	Agreement of the contract of t	-	
25.	Which of the following correctly describes the primary position of the right eye in right 3 rd cranial nerve palsy? (a) Downwards and outwards (b) Downwards and inwards Upwards and outwards Upwards and inwards	J	A 22-year-old lady presented with complaint of chronic daily headache. She has prior history of migraine but increasingly unrelieved with analgesics. She has history of using Sumatriptan almost daily since the last three weeks. What is the most likely diagnosis? (a) Sub-machnoid hemorrhage (b) Cluster headache (c) Medication overuse headache (d) Trigeminal neuralgia
26.	Consider the following statements regarding cluster headache:	28.	Consider the following with regard to trigger factors for seizures:
	1. The headaches are periodic, beginning at the same time for weeks at a stretch.		Flickering lights Recreational drug misuse
	2. Patients experience severe, unilateral periorbital pain which typically lasts from 30 - 90 minutes.	,	Non-compliance to treatment with antiepileptic drugs Sleep deprivation
	3. The headache is accompanied with autonomic features such as ipsilateral tearing, nasal congestion and conjunctival injection.	(Which of the factors given above are correct? (a) 1 and 2 only (b) 1, 2, 3 and 4 (c) 2 and 3 only
	 Subcutaneous injection of Sumatriptan or inhalation of 100% oxygen may be beneficial in halting acute attack Which of the statements given above are correct? (a) 3 and 4 only 	29.	A 75-year-old man presented with tempor headache, jaw pain, exacerbated by chewi and talking. Which one of the followi investigations will most likely help diagnosis?
	(b) 1 and 2 only (c) 1, 2 and 3 (d) 1, 2, 3 and 4	C	(a) Temporal artery biopsy (b) Electromyography (c) MRI of the brain (d) Carotid colour Doppler
KCSP.	-A-GMPK (7	– C)	

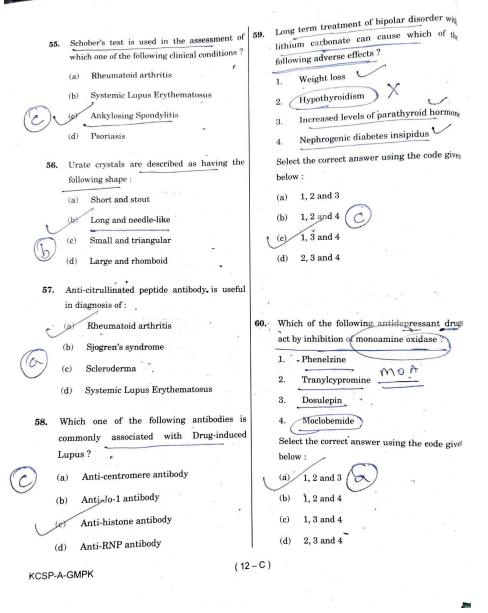
30. The Rai staging system and Binet staging	34. Which one of the following is a cause
system are the two widely used staging	Secondary Hyperaldosteronism?
systems used for staging which of the following hematological malignancies?	
(a) Acute Myeloid Leukemia	(a) Adrenal adenoma secreting aldosteren
	(b) Idiopathic bilateral adrenal hyperplasi
Myelold Leukemia	(c) 11-deoxycorticosterone secreting adre
Acute Lymphoid Leukemia	tumour
(d) Chronic Lymphocytic Leukemia	
31. Patients suffering 6.	Inadequate renal perfusion due to re
suffering from which of the following	artery stenosis
conditions commonly present for several years in the dermatology OPD with eczematous or	35. Which one of the following discount
dermatitis skin lesions before being finally	35. Which one of the following diseases
diagnosed with a T-cell lymphoma	
(a) Mycosis fungoides	infiltration of the thyroid gland leading
Psoriasis (b)	fibrosis and enlargement of the thyroid gla
	with an increased risk of developing thyre
- Tulgaris	
(d) Onychomycosis	de Quervain's Thyroiditis
32. Which of the following is an oral	(b) Multinodular Goitre
anticoagulant?	(c) Riedel's thyroiditis Vir of
Dabigatran	
(b) Heparin	(d) Hashimoto's thyroiditis
	36. A 52-year-old male distance
	36. A 52-year-old male diabetic presents wire recurrent episodes of hypoglycemia of
(d) Bivalirudin	VI 8-y terma.
33. A 39-year-old female presents with sever	PD 100/100
33. A 39-year-old female presents with severe autoimmune hemolytic anemia. Which of the	Overmin ation
following should be the initial step in its	following antihypertensive
management?	avoided in this patient?
	(a) Propranolol Ace 1262
	(b) Telmisartan
(b) Rituximab	
(c) Emergency splenectomy	(c) Torsemide
(d) Plasmapheresis	(d) Amlodipine
	3 – C)
KCSP-A-GMPK	, = 5 /

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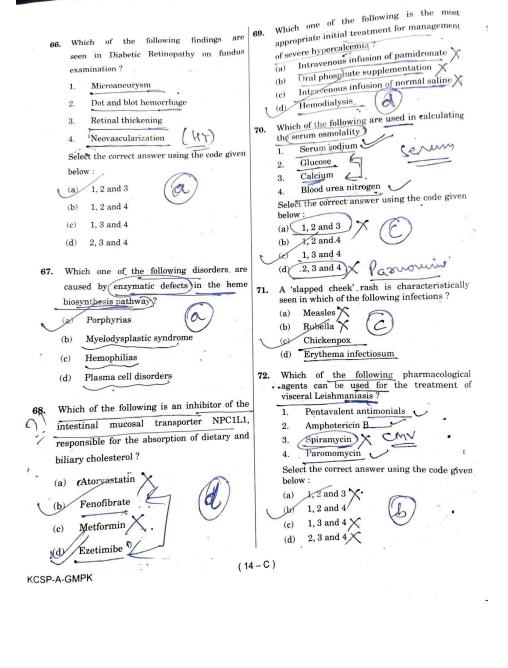
37. The distance walked in 6 minutes is an indirect measure of which of the following	40. The Gold Standard for diagnosis of Celiac disease is:
variables of the BODE Index' which is used to	((0)
assess the prognosis in chronic obstructive	and scopic sman bower biopsy
pulmonary disease?	(b) Stool routine microscopy and culture
(a) Body Mass Index	(c) Abdominal ultrasound 779 And Anti-parietal cell antibodies
(b) Degree of air flow obstruction	Passed cent differences /
(c) Severity of dyspnoea	41. With regard to <i>Helicobacter pylori</i> eradication in peptic ulcer disease, consider the following
(d) Exercise capacity	statements:
22 4 25 11 6 1	1. Proton-pump inhibitor is taken with two antibiotics.
38. A 65-year-old female, a stone-cutter by	
occupation had multiple well circumscribed nodular opacities in upper and middle zones	2. Treatment is prescribed for at least 7 days.
of a chest X-ray along with mediastinal lymph	3. Treatment of Helicobacter pylori infection
nodes showing egg-shell calcification. Which	leads to vitamin B12 deficiency.
one of the following is the most likely	4. Patients requiring long-term NSAIDs
etiology ?	should undergo Helicobacter pylori
	eradication therapy to reduce ulcer risk.
(a) Byssinosis	Which of the statements given above are
(b) Silicosis	correct?
(c) Berylliosis	(a) 1,2 and 3
	(b) 1, 2 and 4
(d) Siderosis	1, 3 and 4
5	
39. Which of the following are complications of	2, 3 and 4
acute pancreatitis?	42. Which of the following are precipitating
1. Hypoxia	factors for hepatic encephalopathy?
2. Hypercalcemia	Hypokalemia Xxolvey
3. Hyperglycemia	2. Septicemia
4. Reduced serum albumin	3. Increased dietary protein load
Select the correct answer using the code given	Select the correct answer using the code given
below:	below:
. 0	
1,2 and 3	1 1 1 1 1
1, 3 and 4	(b) 2 and 3 only (c) 1 and 3 only (d) 1 3 and 3
2 and 3 only	(c) 1 and 3 only
(d) 3 and 4 only	(d) 1, 2 and 3
KCSP-A-GMPK (9	-C)

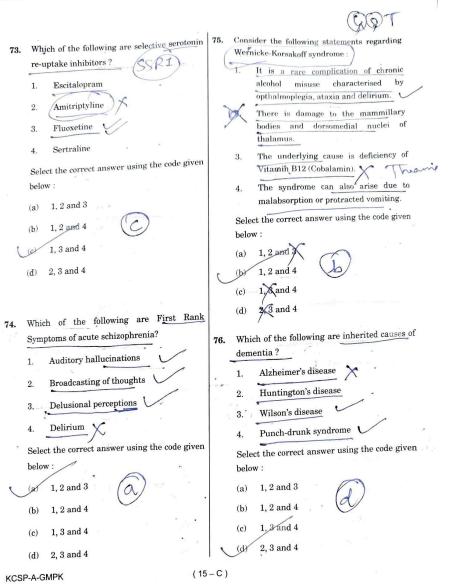
43. Which one of the fall	46. Poorly absorbed antibiotics are often used as
43. Which one of the following statements is	adjunctive therapies in patients with hepatic
correct regarding Upper Gastro Intestinal Bleeding (UGIB) ?	encephalopathy. These may include:
range are the most common	Tenofovir or Telbivudine
Alcohol	(b) Sofosbuvir or Velpatasur
(b) Eradication of Helicobacter pylori in	(b) Bolosiavii oi velpavasai
patients with bleeding ulcers decreases	(c) * Levofloxacin or Clarithromycin
the rebleeding rates to less than 5%.	(d) Neomycin or Rifaximin
who are	47 377
on aspirin for	47. When the serum ascites to albumin gradient
secondary prevention should not restart their aspirin.	(SAAG) is less than 1.1 gm/dL, then which of
	the following causes of ascites may be
Transjugular Intrahepatic Portosystemic	considered?
should be considered as	1. Infection > Oxologi
only after one week of	/ =
hospitalization for acute variceal	2. Malignancy
bleeding.	3. Cardiac ascites
44. Crigler-Najjar syndrome Type-I is inherited	4. Portal hypertension X
as an :	Select the correct
(a) Autosomal recessive disorder	Select the correct answer using the code given below:
(b) Autosomal dominant disorder	(a) 1,3 and 4.
(c) X-linked recessive disorder	1 and 2 only
(d) X-linked dominant disorder	(A) 3-14-1
dominant disorder	3 and 4 only
45. Whipple's disease is characterized by the	(d) $1, 2 \text{ and } 3 \times .$
infiltration of small intestinal mucosa by	
foamy' macrophages. Which one of the	48. A sigmoid configuration along with tapering
	beak-like deformity at the lower esophageal
***************************************	sphincter on barium swallow is a feature of :
characteristically used to stain them?	
(a) Sudan Black-B	(a) Diffuse esophageal spasm
(b) Gentian violet	(b) Squamous cell carcinoma of esophagus
(c) Methylene blue	Achalasia cardia
(d) Periodic acid Schiff	(d) Barret's esophægus
	0)
KCSP-A-GMPK (10	-C)

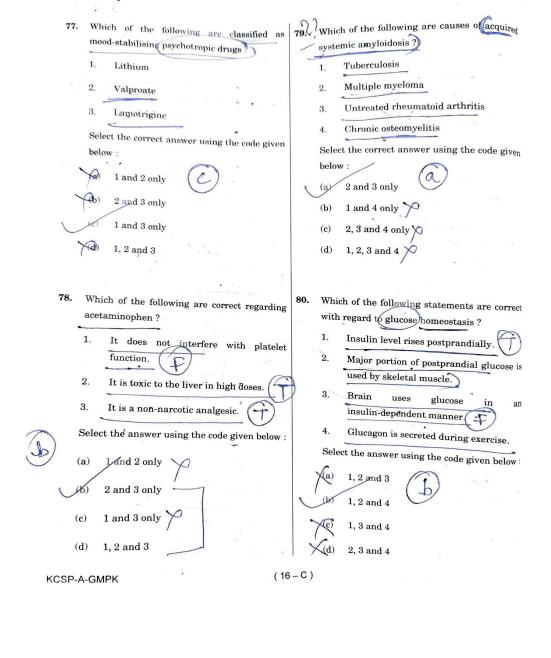


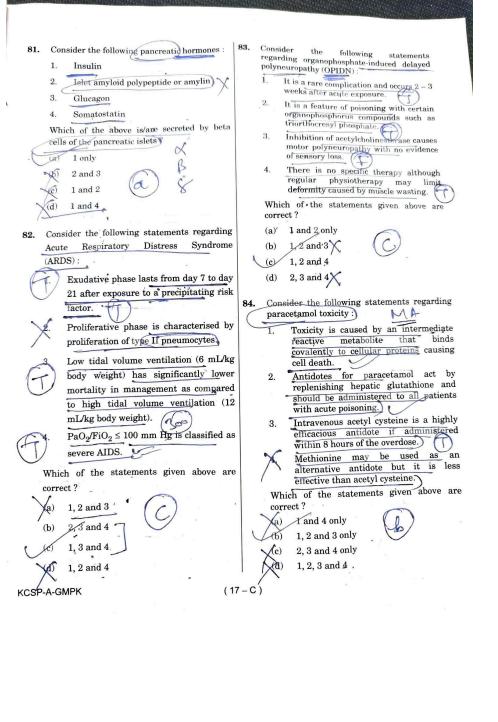


	3. With regards to treatment of thyrotoxicosis
Cortisol?	of Grave's disease, consider the following
1. Levels are highest in the morning on	statements:
waking.	1. Propylthiouracil is suitable in breastfeeding patients.
2. Cortisol falls dramatically during an	2. Large goitre is an indication for
in	thyroidectomy. 3. Radioiodine is recommended for
•	management in pregnancy.
3. More than 95% circulating cortisol is	4. Agranulocytosis is a complication associated with carbimazole.
protein bound.	Which of the statements given above are
4. It is the major glucocorticoid in humans	correct;
and can also activate mineralocorticoid	(a) 1, 2 and 3
receptors.	(b) 2,3 and 4 (c) 1, 2 and 4
Select the answer using the code given below:	(d) 1, 3 and 4
2	1,5 tild 1
(a) 1, 3 and 4.	regard to management of
(b) 2, 3 and 4 X	hypothyroidism, consider the following
	statements: 1. Treatment is with levothyroxine
(c) 1 and 3 only	1. Treatment is with levothyroxine replacement.
d) 1 and 2 only	2. It is taken as a single daily dose.
	3. Average dose is 1·6 μgm/kg/day.
	4. Full dose per weight should be started in those with coronary artery disease.
62. A patient presents with history of bones,	Which of the statements given above are
stones and abdominal groans' — due	correct? $6 \times 6 \times 6 =$
to generalised aches and pains and renal	(a) 1, 2 and 5
calculus colic. Which is the most	(b) 2, 3 and 4 (c) 1, 2 and 4
discriminatory blood investigation?	(d) 1, 3 and 4
7 1 111	(u) 1, 5 and 4
Parathyroid hormone assay 65.	
Thyroid function tests (free T3, free T4,	can be given as an injectable drug?
TSH)	Pioglitazone :
	(b) Metformin X oral
Cortisol levels	(c) Sitagliptin X Draf
(d) Insulin and C-peptide levels	(d) Semaglutide oral
KCSP-A-GMPK (13 – C)	









92.

KCSP-A-GMPK

Which of the following are correct with regard | 94. to BCG vaccination?

> It is a live-attenuated vaccine. 1.



It is administered by intramuscular 2. injection.

It is derived from Mycobacterium bovis. 3.

It is highly immunogenic.

Select the answer using the code given below:

- 1, 2 and 3
- 2, 3 and 4 (b)



1, 3 and 4

1, 2 and 4 (d)

Which of the following immunizations are recommended for persons infected with HIV?

- Hepatitis B vaccine 1.
- Influenza virus vaccine 2
- Pneumococcal vaccine 3.

Select the correct answer using the code given below:

- 1 and 2 only (a)
- 2 and 3 only
- 1 and 3 only



Consider the following statements with regard to Vitamin D deficiency

- Vitamin D deficiency is common in northern latitudes.
- Vitamin D deficiency is more likely to develop in people with dark skin.
- Exposure to UV light is advisable in patients with Vitamin D deficiency.

Which of the statements given, above are

1 and 2 only





1 and 3 only

1, 2 and 3

Which one of the following statements is characteristic of Purpura fulminans?

> Non-hemorrhagic bullae usually present over extremities.

ecchymosis with Present as large irregular shapes.



disorder and never Auto-immune associated with any infection.

Asplenic patients are protected and do not develop this disease.

An elderly male presents with papular lesions 96. on his face. The papules are with pearly telangiectatic border on sun-damaged skin.

The likely diagnosis is:

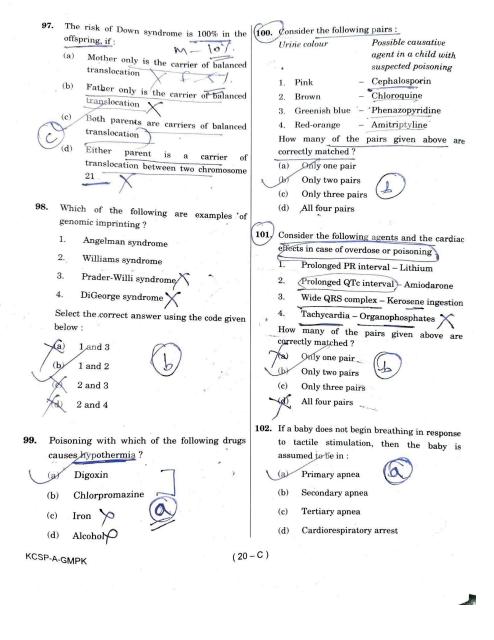


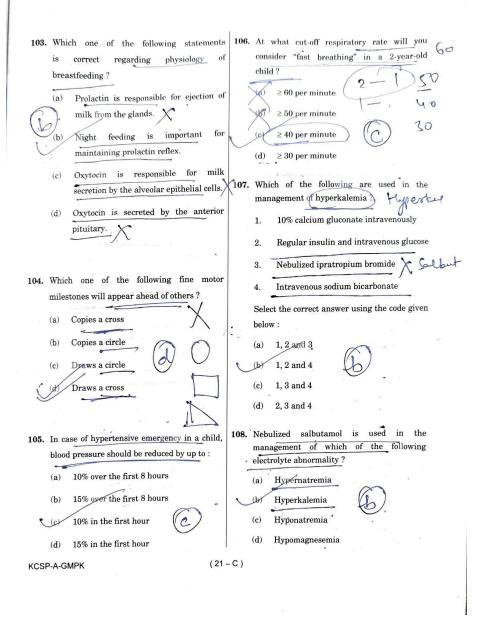
Squamous cell carcinoma

- (b) Melanoma
- Basal cell carcinoma
- Actinic keratosis (d)

KCSP-A-GMPK

(19-C)





109. Consider the following conditions:

ř.	Response to tactile stimulation	Heart Rate	Blood Pressure	Tone
A	Yes	Normal	Normal	
В	Yes	Falling	Normal	Normal
C	No			Decreasing
D	No	Falling	Falling	Decreasing
U	No .	Rising	Normal	Normal

Primary apnea in a neonate is characterized by which one of the above conditions



- (b)
- (c) C
- (d)D
- 110. Consider the following statements about

human breast milk:



- 75% of breast milk content is water.
- Breast milk is poor in taurine and cysteine:
- Breast milk is particularly rich in 3. omega 2 and omega 6 fatty acids.
- High lactose content of breast milk helps in absorption of calcium.

Which of the statements given above are correct?

- (a) 1, 3 and 4
- 1 and 4 only
- 1 and 3 only
- 3 and 4 only

KCSP-A-GMPK

111. Which of the following are signs of good attachment during breastfeeding?

- The baby's nose is at the level of the nipple.
- The baby's mouth is wide open
- The baby's chin touches the breast
- The baby's lower lip is everted.

Select the correct answer using the code given below:

(a) 1, 2 and 3



2, 3 and 4

- (c) 1, 3 and 4
- (d) 1, 2 and 4

112. A 6-year-old boy has recently started telling his full name, although he cannot recite a poem. His Developmental Quotient (DQ) in the language sphere is

- (a) 33%
- (b) 50%



66%

(d) 83%

(22 - C)



- Hepatitis B vaccine has reduced efficacy, if administered intramuscularly. \
- The maximum time allowed between reconstitution of MMR vaccine and use is 30 minutes.
- Maternal antibodies do not interfere with cellular immune response to BCG

DTwP is preferred to DTaP for primary immunization in most children.

Which of the statements given above are correct ?

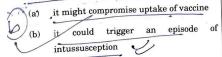
1 and 2



1 and 3



14. Rotavirus vaccination is avoided during an episode of diarrhoea because

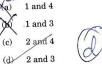


- Rotavirus vaccine is a live vaccine and (c) hence may cause rotavirus diarrhoea and worsen the diarrhoeal episode
- vomiting is a significant adverse effect of Rotavirus vaccine

115. Which of the following are correct regarding activities under the Weekly Iron and Folic Acid Supplementation (WIFS) programme?

- Administration of supervised weekly iron-folic acid supplements of 100 mg elemental iron and 500 µg folic acid
- Administration of supervised weekly iron-folic acid supplements of 60 mg
- elemental iron and 0.5 mg folic acid Biannual de-worming with albenzadolé 3.
- 4. Annual de-worming with afbendazole

Select the answer using the code given below:



116. Under the Integrated Management of Neonatal and Childhood Illness, caretakers are advised to return immediately to a health facility, if

Any sick child is not able to drink or 1. breast feed.

Fast breathing or difficult breathing, in a child who has no pneumonia

Blood in stool, in a child with diarrhoea

Conjunctivitis in a child with measles Select the correct answer using the code given

below: 1, 2 and 3



1, 2 and 4

3 and 4 only (c) 2, 3 and 4

(23 - C)

KCSP-A-GMPK

