DUA:-

"My Lord! upen my heart, and make my task easy for me, loosen the knot in my tongue, so that they may understand my speech."

> The papers were solved by the following team of Khyber pakhtunkhwa medical colleges students.

TEAM Leads- SHAKIR AYUB KTK

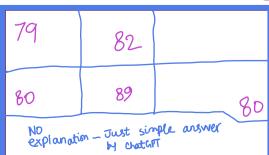
TEAM MEMBER NAME

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 Attempt all questions. Select the be Use BLUE / BLACK ink only. Do not to Possession of mobile phone and otil 	use RED Color, Filling of more th	an one option shall hol	De consider de		-
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Ergot preparations used to induce Abortion pills b. Ecbolics Police caught a sonal transmission	C Emmenano	d Insitan	its	e. Systemic poisons	
Police caught a renal transplant su charged with violation of human to penalty he could face?	rgeon red handed for doing	lla I washinganlar	its in a private set an organ transplar	up. He now has been at act of Pakistan what	1
nprisonment for up to 1 year and p nprisonment for up to 5 years and p	removal of name for 2 years	Initially			
nprisonment for up to 10 years and Because of positive biopsy findings	removal of name for 3 year	s initially e. Remo	val of name from	PMDC permanently my. The pathology	
report reveals Gleason score 9/10 site for prostatic cancer metastasi	and involvement of several	pelvic lymph nodes. V	Which of the follow	ving is the most likely	
	ung d. Bone	e. Brain	e during National	Awareness Week. On	10.00
careful questioning, he has noted	slight urgency, frequency no	cturia, and a decrease	e in the force of m	ic- turition. He is	
referred to have blood tests to inc Carcinoembryonic antigen (CEA)	b. Prostatic acid phosp		ne phosphatase		Printless.
Prostate-specific antigen (PSA) A 3-year-old, recently adopted Ror	e. Lactic dehydrogenas manian boy is referred after	+ + this podiatricia	n's assessment fo	r an undescended	
testicle. On exam his left testicle is empty and there is a testicule sized	normal and in place. He has d mass palpable at the pubic	tubercle with right	side inguinal herr	nia as well. The most	
appropriate next step is oservation until age 5	b. Right orchiopexy	An abdomina	Lultrasound	uinal hernia repair	
th orchiopexy and right testicle bi 65-year-old woman undergoes a R and PR positive and a negative s		mph node biopsy a adjuvant treatment	nd is found to ha should be recon		ncer
motherapy and radiation	 b. Radiation treatment e. Partial breast irradia 	. Only	monal therapy o	nly	100
otherapy and hormonal therapy			the right breast	with palpable axillar	,
9-year-old woman presents with phadenopathy. A punch biopsy	of the skin reveals innarian	atory concer or o			e best
o in her management? se of nafcillin to treat the overl ed radical mastectomy followe	ying cellulitis and then neo	adjuvant chemothe py c. Modified rad	dical mastectom	cancer y followed by hormon for residual disease	al therapy
ed radical mastectomy followe ned modality chemotherapy ar ned modality therapy with che	nd radiation therapy to the motherapy, surgery (MRM)	right breast with s , and radiation	urgery reserved	and testes in the scro	tum.
ned modality chemotherapy and ned modality therapy with chemoth-old boy is seen by a per- n of the following is the optima					
of the following is the optimit	until age 6 years				
		otum if descent ha	s not occurred	1111	
ion until age 5 years; if no de	scent by then, plastic sure	sical scrotal prosth	neses before th	e child enters school	sticle does
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ion until age 5 years, in the even by; reassurance of the parent cend ar-old man seeks medical att og difficulty in urination (dec	ention because of recurr	ent urinary tract i	nfections. The	patient also reports	a history of
ar-old man seeks medical att	reased flow, straining, ar	id hesitancy) over	the last sever	wing is the most ap	propriate
ne difficulty in urination luce	and a prostate biopsy pl	oves benigh. with	ich of the roue		
Q)			cotr	imaxazole	
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PAPER CODE D 110.A 22 years old woman visits her gynecologist 6 months after giving birth to a normal infant. She suffered severe cervical lacerations during delivery, resulting in homorehows after giving birth to a normal infant. She suffered severe cervical PAPER CODE D lacerations during delivery, resulting in hemorrhagic shock. Following blood transfusion and surgical repair, postpartum recovery has to far been uneventful. She now complains of continued amenorrhea and loss of weight and muscle strength. What is the Diagnosis? what is the Diagnosis?
a. Androgen excess
b. Diabetes Insipidus
c. Hypetprojactinemia
d. Primary hypothyroidism
Sheehan syndrome
and plasma osmolarity are markedly decreased while urine osmolarity is increased. What is most likely diagnosis?
a. Conn syndrome
b. Cushing syndrome
c. Sheehan syndrome
d. Adrome
d. A c. High titer thyroid peroxidase autoantibodies e. Increased trilodothyronine level e. Increased triidothyronine level 114.A 5 years girl presents to the emergency department with sore throat, malaise, fever, nausea, oliguria and Heamaturia.Clinically having periorbital puffiness early morning and shortness of breath. You identify red cell casts in her urine. What is most likely diagnosis? A. Acute tubular necrosis
 b. Focal, segmental glomerulopathy
 C. Membranous glomerulopathy
 d. Minimal change disease
 Post streptococcal glomerulopathy
 115.A 4-year-old child is brought to her pediatrician by her parents. Over the past several days, they have noticed swelling of her eyelids, and she has vomited twice in the past two Jays. She has no significant past medical history. Her vital signs are a temperature of 98.6°F, blood pressure of 97/62 mm Hg, and pulse of 76 bpm. Laboratory testing reveals an albumin of 2.2 gm/dL and total cholesterol of 243 mg/dL. A urine dipstick is positive for protein and negative for red blood cells and white blood cells. She is admitted to the hospital. Which would further testing most likely reveal? a. Minimal change disease b. Focal segmental glomerulosclerosis c. Membranous glomerulonephropathy d. Rapidly progressive glomerulonephritis e. Membranoproliferative glomerulonephritis 116.A 68-year-old male is brought to an acute care clinic by his wife. Over the past few days, he has developed fatigue, and in the last day, he has become lethargic. She says that over the past few days, he has been going to the bathroom less. His vital signs are temperature 98.7°F, pulse of 87 bpm, and blood pressure of 131/85 mm Hg. Laboratory testing reveals a blood urea nitrogen of 29 mg/dL and creatinine of 2.0 mg/dL. Six months ago, he also had a BUN and creatinine performed and they were 12 mg/dL and 0.8 mg/dL respectively. The subsequent placement of a Foley catheter reveals 845 mL of urine in the bladder. Of the following, what is the most likely cause of his presenting state? a. Sepsis b. Dehydration c. Recent ingestion of antifreeze d. Focal segmental glomerulonephritis Benign prostatic hyperplasia 117.Members of a family with a history of renal cancers un-dergo ultrasound screening. Two adults are found to have multifocal and bilateral renal mass lesions. Biopsies are ob-tained, and microscopic examination shows a papillary pat-tern. A mutation involving which of the following genes is most likely to be found in this family? a.MET b. PKD1 c. RAS d. TSC1 e. WT1 118.If you want to assess Renal Function in asymptomatic adult, you would order following tests initially a. eGFR, Urine R/E, Blood cholesterol b. 24 hours Urinary protein levels, serum Albumin, serum Urea Serum Urea and serum creatinine d. BUN, serum Albumin and Urine R/E e. Kidney biopsy with Immunoflouresence and electron microscopy 119.A 37-year-old male presents to his family physician with complaints of blood in his urine. A urinalysis reveals 4+ blood, with microscopic clots identified. The patient returned home 4 months ago after a missionary trip to Africa. He does not smoke nor drink alcohol. He has no feed to be a set of the patient of the set of t drink alcohol. He has no family history of hereditary disorders. Of the following, what is the most likely diagnosis? Transitional cell carcinoma of the bladder Schistosoma haematobium infection of the bladder b. Renal cell carcinoma Post-infectious glomerulonephritis d. Membranous glomerulonephropathy 220.4 young lady is diagnosed with breast carcinoma. One of her aunt died of breast cancer and her elder sister has ovarian tumer. Which of the following gene should be tested for mutation in this patient? a. RB b. PS3 BRCA d. ERBB e. ER/PR

78. The Government of China introduced population control policy several decades back but still China is one of the most populated country of the world. What is this phenomenon of increase in growth rate for a coming several years despite a decrease in current growth rate called? PAPER CODE D a. Momentum of population b. Velocity of population c. Replacement level population d. Unbalance growth rate e. Positive growth rate 79. Early expanding stage in demographic cycle is characterized ^{by!} a. High birth rate & high death rate Unchanged birth rate & declining death rate Unchanged birth rate & declining death rate b. Low birth rate & declining death rate d. Declining birth rate & declining death rate e. High death rate & declining death rate
 d. Declinin[®]
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 d. declining birth rate
 d. dec b. Periodic X-ray chest Rigorous dust control measures e. Substitution of equipment d. Adequate personal hygiene c. Replacement examination d. Adequate personal hygiene
 82. Most of the Asian countries are facing population related socioeconomic issues because they are in a stage of demographic socioeconomic issues because they are in a stage of demographic demographic socioeconomic issues because they are in a stage of demographic demographic socioeconomic issues because they are in a stage of demographic demographic socioeconomic issues because they are in a stage of demographic d Most of the Asian countries are roomed to this European countries have aquired new balance. In contrast to this European countries have aquired new balance. Which of the following indicates a. Decreased fertility & decreased mortality b. Increased fertility & increased mortality c. Increased fertility & decreasing mortality d. Increased fertility & decreased mortality e. Decreasing fertility & decreased mortality 83. Population below 15 years + population above 65 years x 100 Population between 15 years and 65 years Population between 15 years and this most important socio- economic indicator of a country which has direct impact on the countries progress. Which of the following is it? a. General fertility rate **Dependency ratio** c. Human development index d. Life expectancy rate e. Growth rate 84. A woman goes to her doctor and takes advice for a contraceptive method. But at the same time she tells her that her husband doesn't agree on barrier methods so sive requests for some other technique. What method would you advise? IUCD b. Diaphragm c. Spermicide jelly d. Condom e. Foam 85. A dietician is asked by his patient to prepare a diet plan for him to reduce weight. The dietician prepares a plan consisting of predominantly citrus fruits and green vegetables rich in fiber. Fibrous foods help in reducing weight because they do not contain which one of the following? a Cellulose b. Pectin c. Starch d. Inulin e. Lignin 86. A health camp has been established in a squatter settlement to assess current nutritional status or severity of acute malnutrition amongst children less than 10 years of age. Which of the following measurements is the most suitable to indicate this? a. Weight for age b. Height for age c. Skin fold thickness d. Mid Upper Arm Circumference e. Weight for height 87. More than half of the world population is concentrated in a few developing countries of the world due to explosive population growth rate which is becoming a problem for countries like Pakistan. What does population explosion implies? a. It implies that growth rate should be less than 1 % bIt implies that growth rate should be more than 2 % c. It implies that growth rate should be 3 % d. It implies that growth rate should be more than 4 % e. It implies that growth rate should never be more than 5% 88. What is the best way to dispose off pathological waste (organs, flesh, feotus)? b. Disposal along with other hospital waste in common dumping site a. Incineration c. Burning d. Burial after disinfection e. Treatment in autoclave 89. Which route of administration is usually used for radioactive lodine (131) therapy in hyperthyroid patients? e. Intrathecal d. Subcutaneous b. Intravenous c. Intramuscular Oral 90. A 50-year-old patient with severe inflammation and pain due to an autoimmune disorder was prescribed a glucocorticoid. Which of the following glucocorticoids is highly potent? e. Triamcinolone c. Methylprednisolone d. Prednisolone a. Cortisone b Dexamethasone 91. A 24 year old obese woman in her 26th week of pregnancy was diagnosed with gestational diabetes mellitus after a positive glucose tolerance test. She was otherwise healthy, and her past medical history was unremarkable. Dietary management failed to control the blood glucose, and her physician decided to prescribe antidiabetic therapy. Which of the following drugs would be most appropriate for the patient at this time? a. Glyburide e. Sitagliptin b Insulin c. Metformin d. Repaglinide 92. A postmenopausal woman is a candidate for hormone replacement therapy as a result of signs of development of osteoporosis The doctor decided to add progestrin to the therapy. Which of the following is the rationale of addition of progestrin? a. Risk of depression **(b)** Risk of endometrial carcinoma c. Risk of myocardial infarction d. Risk of osteoporosis e. Risk of uterine bleeding 93. Which of the following is the most common adverse effect of somatropin therapy? Arthralgias b. Dehydration and hypovolemia c. Hypoglycemia 94. A middle aged female is having symptoms of increased urinary frequency with dysuria and burning micturition. There is no fever and previous history of LTL infection with 5 Colline d. Osteoporosis e. Weight Loss fever and previous history of UTI. Infection with E Coli is suspected. Which of the following drugs will be most likely prescrib



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blood pressure is 170/100, putriness of the face and norr sing bilateral pedal edema. Which one of the following is the most appropriate investigation? appropriate investigation? a. T3, T4, TSH b. Only serum TSH c. Serum prolactin d. Serum growth hormone e. Follicle stimulating is the most G3. A 26-year-old woman presented with primary infertility after 5 years of marriage. She has been used antidepressants for one year. She noticed a milk like discharge from her breasts on many occasions. Which one of the following investigation would here the following investigation would be the following investiga you advise for further evaluation? you advise for further evaluation revealed on the second se c. Serum prolactin c. Serum growth hormone a. Serum TSH b. Serum prolactin a. Serum TSH
b. Serum prolactin
c. Serum growth
c. Gerum growth
c. Serum growth
d. Increased thirst and increased frequency of
c. Satisfies of about 4 kg weight loss in this duration. He has no family history of hypertension, diabetes or
unination. He also complains of about 4 kg weight loss in this duration. He has no family history of hypertension, diabetes or
tuberculosis. He has a wasted look, and the rest of clinical wamination is normal. His blood sugar is 360mg/dl. Which one of
the following is the most appropriate management to stark with?
a. Regular insulin
b. Diet control only
c. Sulfonylurea
d. Metformin
e. DPP4 inhibitors
56. A 35-year-ol ady presented with months: history of palpitation, low-grade frier and weight loss. Her appetite was normal.
She also complains of oligo menormea. Clinical examination shows atrial fibrilition and wasted look. She has fine tremors in her hands. Which one of the following is the most appropriate investigation show a trial fibrilition and wasted look. She has fine tremors in her hands. Which one of the following is the most appropriate investigation shows atrial fibrilition and wasted look. She has fine tremors in her hands. Which one of the following is the most appropriate investigation shows atrial fibrilition and wasted look. She has fine tremors in her hands. Which one of the following is the most appropriate investigation shows atrial fibrilition and wasted look. She has fine tremors in her hands. But the bolis of the d. Iv antibiotic with 10%DW e. 1/5 D/S 68. What is the primary cause of nephrotic syndrome in children? a. Diabetic nephropathy b. Membranous nephropathy c. Minimal change disease d. Polycystic kidney disease e. SLF 69. What is the recommended dietary restriction for individuals with nethrotic syndrome to manage edema? a. Low protein diet b. Low sodium (salt) diet c. High potassium diet d. High phosphorus diet e. None 70. A 37-year-old lady who is on oral contraceptive pills for the last 2/years, presented with headache, sleep pro-irritability. Her mother is hypertensive and is on medication. He blood pressure is 150/90mmHg, pulse is 90 systemic examination. Which one of the following is the most eppropriate approach for her management? ears, presented with headache, sleep problem and blood pressure is 150/90mmHg, pulse is 92/min and normal a. Change to IM contraceptive b. Change to Intrauterine dev c. Stop the contraception d. Start antihypertensive e. Just reassurance 71. A 23-year-old woman presented with 5 days history of be A 23-year-old woman presented with 5 days history of buning muturition, pain lower abdomen and urinary urgency. She is married 3 weeks back. Her temperature is 98oF, and mildly tender to the lower abdomen. Her urine routine examination shows 7-10 pus cells and 5-9 epithelial cells. Which one of the following is the most appropriate approach for her shows 7-10 pus cells and 5-9 epithelial cells. Which on management? a. Short course of antibiotics b. Treat as complicated y UTI c. Refer to gynecologist unds as disinfectant in water is d. Just reassurance e. Urine culture ounds as disinfectant in water is that they leave free residual chlorine in ould be the concentration of residual chlorine in water for this purpose? d. 0.6 ppm e.1.0 ppm 72. The advantage of using chlorine containing compo water required for effective disinfection. What s a. 0.1 ppm b. 0.2 ppm a. 0.1 ppm
 b. 0.2 ppm
 c. 0.4 ppm
 d. 0.6 ppm
 e. 0.0 ppm
 c. 0.4 ppm d. 0.6 ppm a. Ozone treatment of water d. Pottasium permanganate treatment of wat e. Use of silver nitrate particles 74. A local rural community cannot afford expensive methods of waste treatment, decides to adopt compositing for waste disposal. As a public health expert what would method you advise them to prevent leakage of hazardous material from the composting site into sub soil water? a. Burning the waste in the dump.
b. Uning the walls of the pit with cement and gravel
c. Pouring a chemical into it
d. Covering it with soil and lime
e. Uning the walls of the pit with plastics
75. Town municipal committee want to establish a waste treatment plant for the town but want toskip the primary treatment plant due to shortage of finances. You as an expert advise them to must include the primary plant in order to avoid choking. What is the purpose of primary plant? a. Removal of suspended solids b. Removal of dissolved solids c. Removal of biological impuritie d. Removal of BOD e. Removal of COD 76. In steam autoclaving what is the additional factor that causes complete disinfection along with a high temperature? High pressure b. Use of chemicals c. Very long contact time d. Temperature above 200C e. Use of wet heat 7. A small river in a hilly area was the sole source of water and food supply for a small community. But a decade later as the population of the village increased the river gradually got depleted with fish. Which one of the following water quality parameters indicates an excessive amount of solid organic waste disposal into the river? b. Increase in Nitrites crease in Chlorides c. Increase in Chemical oxygen demand e. Increase in Carbon dioxide crease in Biological oxygen demand

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