





<b>Histopathology / pathogenesis</b>													
PUV													
VUR		12.5											
HIV nephropathy									10				
Classification of Lupus nephropathy								10					
Histopathology of SLE						5			5				
FSG		12.5					5						
INS/ MCNS / Membranoproliferative GN / IgA, other GN									10	10	10		
Pathology of membranous Nephropathy/C3 glomerulopathy										10			
Histopathology of Alport syndrome								10					
Transplant rejection /dysfunction		12.5											
Anti body mediated Tx rejection						5							
CMV in Transplant rejection	15												
Histopathology of drug toxicity including CNI toxicity													
Pathogenesis of CKD									12.5				
<b>Diagnostics</b>													
Pyuria									8				
Assessment of GFR (renal function) in Children	15												
Causes of ARF													
ARF in immature kidney		9				15							
RIFLE criteria							10						
Biomarkers for diagnosis of AKI							8						
Creatinine as marker for AKI							7						
Renal vein thrombosis in neonate						5							
Work up of ARF and pulmonary haemorrhage						5							
Work up of ARF with anaemia						25							
Diagnosis of CRF /monitoring		12.5											
Work up of anaemia of CKD							20						
Work up of haematuria			25					12			25		
Work up of polyuria/dehydration									5				
Work up of proteinuria													
Work up/classification VUR						8							
Work up of antenatal hydronephrosis						10							
Work of classic obstructive kidney disease PUV /PUJO										10	25		
Work up of voiding dysfunction and enuresis					5	5		12	25				
Interpretation of uroflow patterns								5					
Investigations, eg sonars and radio-isotopes									5				
Work up of cystic kidney diseases					12.5						25		
Role of kidney biopsy (indications)		7											
Risks of kidney biopsies		9								10			
Diagnosis of CKD MBD			5								10		

Work up of hypertension in children of diff ages / causes of HT					12.5								
<b>Pharmacology : Drugs Mechanisms of action and adverse effects</b>													
Drug metabolism and toxicity													
Drug toxicity in newborns		12.5											
Vancomycin													
Aminoglycosides													
Diuretics		25						15					
Carbapenems													
Penicillins													
Amphotericin													
Mechanism of drug action Tx drugs						10							
Cyclosporin/Tacrolimus								15	10				
Rituximab									10		5		
Rituximab in renal Tx							5						
Plasmapheresis													
Immunoglobulin											5		
Erythropoietin													
ACEI/ARB /Renin inhibitors							7						
Vitamin D (DHT and One Alpha)													
NSAID													
NSAID in immature kidney						5							
Inotrope use													
Contrast drugs													
<b>Clinical features (paper II) and complications of</b>													
NICE guidelines for UTI <2 year olds								20					
Features of ESRF (uraemia)			10										
Features of CKD MBD			5										
Congenital NS /Other NS					5								
Ambulatory BPM (uses and indications							5						
Alport Syndrome								6					
Associated system signs in GN									10				
<b>Treatment /Management</b>													
Management of hypernatraemia									11				
Management renal vein thrombosis						5							
Treatment of Bartter							5						
Management of renal glycosuria							5			25			
Management of Alport								4					
Management of VUR		12.5											
Treatment options for different categories of SLE and side effects									10				

UTI					17					10			
Voiding dysfunction					10	5		8	5				
Management of congenital NS / other NS					15				5				
Hypertension / crises /emergency /chronic/chronic / renovascular		25	25		12.5						10		
Management of CKD									12.5				
Cystinosis			12.5								10		
Treatment of nephrolithiasis /nephrocalcinosis							5			10			
Hypophosphataemia					12.5								
Tumour lysis									10				
CKD /AKI interconnected / risks			25							25			
Management of hyperphosphataemia/ CKD MBD			10										
Acute renal failure									10				
APSGN complicated		9											
Treatment of renal failure in cirrhosis					12.5						25		
Treatment of atypical HUS (Complement deficiency mediated)					7								
Diff Diagnosis and management SLE relapse						20							
<b>Dialysis Modalities</b>			10										
Dialysis acute											10		
Dialysis chronic													
Indications for acute dialysis			5										
<b>Complications of dialysis</b>										10	15		
Causes and Management of hypotension in HD						10							
Assessment of adequacy HD								6					
Methods of calculation of Kt/V								6					
<b>TRANSPLANTATION</b>										25			
Work up of Transplant dysfunction		12.5				10							
Causes of graft failure							10						
Differential diagnosis of TX dysfunction						8							
Management of Tx dysfunction		12.5				7							
CMV Prophylaxis in allograft rejection	10												
Treatment of antibody mediated Tx rejection						5							
<b>Transition care</b>													
Differences Adults/Paeds								5					
How to manage /								12					
Managing non adherence								8					
<b>Total</b>	<b>200</b>	<b>200</b>	<b>200</b>		<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>		