1- (Ureter)						
Definition	It is a muscular tube transporting urine from kidney to urinary bladder.					
Length	25 – 30 cm					
Beginning	It begins as a continuation of renal pelvis (pelvis of ureter).					
	Coarse of ureter					
In abdomen	 It descends anterior to psoas major muscle (opposite the tips of lumbar transverse processes) It crosses anterior to the end (bifurcation) of common iliac artery to enter the pelvis. 					
In pelvis	It runs downward & backward to the level of ischial spine. It runs obliquely for ¾ inch in wall of bladder before opening (valve-like part).					
Termination	 opens at <u>upper lateral angle</u> of <u>base</u> of urinary bladder 					
Sites of constriction*	 At Uteropelvic junction At Pelvic inlet At site of entrance of bladder 					
Arterial supply	 Renal artery Gonadal artery Common iliac artery Internal iliac artery 					

			2- (Urina	ry bladder)				
	It	has the shape	of three-sided	pyramid placed on	one of its angle	(NECK).		
Арех	Base		Super	perior surface 2 Infer		ral surfaces	Neck	
 directed Anteriorly and forward. Lies behind the upper border of symphysis pubis. 	 directed posteriorly and backward. Males Females 		Males 1-Coils of ileum. 2-Sigmoid colon	Is related to the uterus	separat pubic b	ubic fat ting them from ones.		Is the lowest & most fixed part of urinary bladder. Is continuous with urethra.
 Is connected to umbilicus by the median umbilical ligament (remnant of urachus). It is the same for both males and females. 	1-Vas deferens 2- Seminal vesicle of both sides.	Is related to vagina			 Continu anterio wall. Ruptur escape 	uous with or abdominal re of bladder of urine to or abdominal	IN MALE:	Is related to (lies behind) lower border of symphysis pubis Is related to upper surface of prostate gland (inferiorly, it rests on the base of prostate).
		Int	erior part of t	he urinary bladd	ler			
	Trigone			Uvula vesicae				
A triangular area in to a sure triangular area in the	internal urethral or	rifice		of prosta		urethral orific	e, produce	ed by median lobe
	Empty		Capacity of C	Jrinary bladder	D:	-4		
■ Accommodates from	■ Is circular in shape ■ Bulges into abdominal cavity							
			Urinary bl	adder Supply				
Arteries	Veins			Lymph		Nerves 1) Parasympathetic: pelvic splanchnic nerves from:		
Internal iliac <u>artery</u> Internal iliac <u>vein</u>			internal iliac <u>lymp</u>	<u>h nodes</u>	2) Sy i 3) Se i	2, 3, 4]. mpathetic: financial transery: transer tran	from L1,2 mitting pain due to of bladder. ferent fibers from	

	3 - (Urethra)				
	Males	Females			
•	Length = 20 cm.	■ Length = 4 cm.			
_	PROSTATIC URETHRA (Length=3 cm): Widest & most dilatable	 Has only urinary function. 			
-	Extends from neck of bladder inside prostate gland	 Extends from neck of urinary bladder to open externally through the external urethral orifice (anterior to 			
	[Structures openings into prostatic urethra] :	the vaginal opening)			
	 Ejaculatory ducts: containing sperms& secretion of seminal vesicles 				
	Ducts of prostate gland				
	MEMBRANOUS URETHRA (Length=1 cm):				
-	Surrounded by external urethral sphincter				
	PENILE (SPONGY) URETHRA (Length=16 cm):				
-	Extends inside penis & opens externally				
	through external urethral orifice (narrowest part of whole urethra)*				

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