

# 1. Kidney

(for LS 1, LS 4, LS 5 and LS 9 only)

- A. Marrow of the kidney, *Medulla renis*
- B. Cortex of the kidney, *Cortex renis*
1. Renal vein, *Vena renalis*
2. Renal artery, *Arteria renalis*
3. Ureter
4. Pelvis of the kidney, *Pelvis renalis*
5. Calyces of the kidney, *Calices renales*
6. Renal papillae, *Papillae renales*
7. Renal pyramids, *Pyramides renales*
- 8.\* Collecting duct
- 9.\* Contort renal tubule II, *Tubulus renalis contortus II*
- 10.\* Loop of Henle
- 11.\* Contort renal tubule I, *Tubulus renalis contortus I*
- 12.\* Corpuscles of the kidney, *Corpuscula renis*
13. Interlobular arteries, *Aa. interlobulares*
- 14.\* Afferent vessel, *Vas afferens*
- 15.\* Efferent vessel, *Vas efferens*
16. Arcuate arteries, *Aa. arcuatae*
- 16a.\* Capillary network
17. Interlobular veins, *Vv. interlobulares*
18. Arcuate veins, *Vv. arcuatae*

19. Papillary ducts, *Ductus papillares*
20. Suprarenal gland, *Glandula suprarenalis* (for LS 1 only)

# 2. Nephron

(for LS 6 and LS 9 only)

1. Corpuscle of the kidney with *Glomerulus* and Bowman's capsule
2. Main section
  - a) *Pars convoluta, Tubulus renalis contortus I*
  - b) *Pars recta*, descending limb (thick portion) of Henle's loop
  3. Section of transition: thin portion of Henle's loop
  4. Central section
  - c) *Pars recta*, ascending limb (thick portion) of Henle's loop
  - d) *Pars convoluta, Tubulus renalis contortus II*, (convoluted tubule)
5. Connecting section and
6. Collecting tube are part of the efferent urinary tract
7. Arcuate artery and vein, *Arteria et Vena arcuata*
8. Interlobular artery and vein, *Arteria et Vena interlobularis*
9. Afferent vessel, *Vas afferens*
10. Efferent vessel, *Vas efferens*
11. Capillary network

# 3. Kidney Corpuscle

1. *Glomerulus*
2. Bowman's capsule, *Capsula glomeruli*
3. Cervical portion, *Collum*
4. Urinary pole
5. Vascular pole
6. Afferent vessel, *Vas afferens*
7. Efferent vessel, *Vas efferens*
8. Vascular loops
9. Epicytes (inner lamella)
10. Outer lamella

# Urinary Organ

1. Kidney, *Ren*
2. Ureter, *Ureter*
3. Urinary bladder, *Vesica urinaria*
4. Urethra, *Urethra*
5. Peritoneum, *Peritoneum*  
(not concerning LS 3/1)
6. Muscular tunica, *Tunica muscularis*
7. Internal ostium of the urethra, *Ostium urethrae internum*
8. Longitudinal cut through the kidney
  - a. Cortical substance, *Cortex renis*
  - b. Medullary substance, *Medulla renis*
  - c. Pelvis of the kidney, *Pelvis renalis*
  - d. Fat of the renal sinus
  - e. Branch of the artery
  - f. Renal calyces, *Calices renales*
  - g. Renal papillae, *Papillae renales*
9. Suprarenal body, *Glandula suprarenalis*
10. Aorta, *Aorta*
11. Inferior vena cava, *Vena cava inferior*
12. Renal artery, *Arteria renalis*
13. Renal vein, *Vena renalis*
14. Ostium of the ureter, *Ostium ureteris*
15. Trigone of the bladder, *Trigonum vesicae*