

LEARNING EXERCISES

MATCHING WORD PARTS 1

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
9.1. bladder	_____	-cele
9.2. glomerulus	_____	cyst/o
9.3. hernia, tumor, cyst	_____	glomerul/o
9.4. kidney	_____	lith/o
9.5. stone, calculus	_____	nephr/o

MATCHING WORD PARTS 2

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
9.6. drooping down	_____	-tripsy
9.7. renal pelvis	_____	pyel/o
9.8. setting free, separation	_____	-ptosis
9.9. surgical fixation	_____	-pexy
9.10. to crush	_____	-lysis

MATCHING WORD PARTS 3

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
9.11. complete, through	_____	-uria
9.12. enlargement, stretching	_____	urethr/o
9.13. ureter	_____	ureter/o

- 9.14. urethra _____ -ectasis
- 9.15. urination, urine _____ dia-

DEFINITIONS

Select the correct answer and write it on the line provided.

- 9.16. Urine is carried from the kidneys to the urinary bladder by the _____.
- glomeruli nephrons urethras ureters
- 9.17. A stone in the urinary bladder is known as a _____.
- cholelith cystolith nephrolith ureterolith
- 9.18. The increased output of urine is known as _____.
- anuria diuresis dysuria oliguria
- 9.19. Before entering the ureters, urine collects in the _____.
- glomeruli renal cortex renal pelvis urinary bladder
- 9.20. Urine leaves the bladder through the _____.
- prostate trigone ureter urethra
- 9.21. Urine gets its normal yellow-amber or straw color from the pigment known as _____.
- albumin bilirubin hemoglobin urochrome
- 9.22. In the male, the _____ carries both urine and semen.
- prostate gland renal pelvis ureter urethra
- 9.23. A specialist who treats the genitourinary system of males is a/an _____.
- gynecologist nephrologist neurologist urologist
- 9.24. In _____, the urethral opening is on one side of the penis.
- epispadias hyperspadias hypospadias paraspadias
- 9.25. The term _____ describes treatment in which a body part is removed or its function is destroyed. This type of procedure is frequently used to treat prostate cancer.
- ablation adhesion lithotomy meatotomy

MATCHING STRUCTURES

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
9.26. the opening through which urine leaves the body	_____	urethral meatus
9.27. the portion of a nephron that is active in filtering urine	_____	urethra
9.28. the outer layer of the kidney	_____	ureters
9.29. the tube from the bladder to the outside of the body	_____	renal cortex
9.30. the tubes that carry urine from the kidney to the bladder	_____	glomerulus

WHICH WORD?

Select the correct answer and write it on the line provided.

- 9.31. A surgical incision into the renal pelvis is _____ .
 pyelotomy pyeloplasty
- 9.32. The discharge of blood from the ureter is _____ .
 ureterorrhagia urethrorrhagia
- 9.33. The term meaning excessive urination is _____ .
 incontinence polyuria
- 9.34. The term meaning inflammation of the bladder is _____ .
 cystitis pyelitis
- 9.35. The major waste product of protein metabolism is _____ .
 urea urine

SPELLING COUNTS

Find the misspelled word in each sentence. Then write that word, spelled correctly, on the line provided.

- 9.36. A Williams tumor is a malignant tumor of the kidney that occurs in children. _____
- 9.37. Being unable to control excretory functions is known as incontinance. _____
- 9.38. The process of withdrawing urine from the bladder is known as catherozation. _____
- 9.39. Kagel exercises are a series of pelvic muscle exercises used to strengthen the muscles of the pelvic floor to control urinary stress incontinance. _____
- 9.40. A vescikovaginal fistula is an abnormal opening between the bladder and vagina. _____

ABBREVIATION IDENTIFICATION

In the space provided, write the words that each abbreviation stands for.

- 9.41. **BPH** _____
- 9.42. **ESRD** _____
- 9.43. **ESWL** _____
- 9.44. **IVP** _____
- 9.45. **OAB** _____

TERM SELECTION

Select the correct answer and write it on the line provided.

- 9.46. The absence of urine formation by the kidneys is known as _____ .
 anuria nocturia oliguria polyuria
- 9.47. The surgical suturing of the bladder is known as _____ .
 cystorrhaphy cystorrhagia cystorrhexis nephrorrhaphy
- 9.48. The term meaning the freeing of a kidney from adhesions is _____ .
 nephrolithiasis nephrolysis nephropyosis pyelitis
- 9.49. The term meaning scanty urination is _____ .
 diuresis dysuria enuresis oliguria

9.50. The process of artificially filtering waste products from the patient's blood is known as _____.

diuresis hemodialysis homeostasis hydroureter

SENTENCE COMPLETION

Write the correct term on the line provided.

- 9.51. An inflammation of the urinary bladder that is localized in the region of the trigone is known as _____.
- 9.52. The condition of having a stone lodged in a ureter is known as _____.
- 9.53. The placement of a catheter into the bladder through a small incision made through the abdominal wall just above the pubic bone is known as _____.
- 9.54. The surgical fixation of the bladder to the abdominal wall is a/an _____.
- 9.55. A/An _____ of the prostate (TURP) is the removal of all or part of the prostate through the urethra.

WORD SURGERY

Divide each term into its component word parts. Write these word parts, in sequence, on the lines provided. When necessary use a slash (/) to indicate a combining vowel. (You may not need all of the lines provided.)

- 9.56. **Hyperproteinuria** is abnormally high concentrations of protein in the urine.
- _____
- 9.57. **Hydronephrosis** is the dilation of the renal pelvis of one or both kidneys.
- _____
- 9.58. Voiding **cystourethrography** is a diagnostic procedure in which a fluoroscope is used to examine the flow of urine from the bladder and through the urethra.
- _____
- 9.59. A **nephrolithotomy** is the surgical removal of a kidney stone through an incision in the kidney.
- _____
- 9.60. **Lithotripsy** means to crush a stone.
- _____

TRUE/FALSE

If the statement is true, write **True** on the line. If the statement is false, write **False** on the line.

- 9.61. _____ Stress incontinence is the inability to control the voiding of urine under physical stress such as running, sneezing, laughing, or coughing.
- 9.62. _____ Prostatism is a malignancy of the prostate gland.
- 9.63. _____ Urethrorrhea is bleeding from the urethra.
- 9.64. _____ Renal colic is an acute pain in the kidney area that is caused by blockage during the passage of a kidney stone.
- 9.65. _____ Acute renal failure has sudden onset and is characterized by uremia.

CLINICAL CONDITIONS

Write the correct answer on the line provided.

- 9.66. Mr. Baldrige suffers from excessive urination during the night. The medical term for this is _____.
- 9.67. Rosita LaPinta inherited _____ kidney disease. These cysts slowly reduce the kidney function, and this eventually leads to kidney failure.
- 9.68. Doris Volk has a chronic bladder condition involving inflammation within the wall of the bladder. This is known as _____.
- 9.69. John Danielson has an enlarged prostate gland. This caused narrowing of the urethra, which is known as _____.
- 9.70. Norman Smith was born with the opening of the urethra on the upper surface of the penis. This is known as _____.
- 9.71. Henry Wong's kidneys failed. He is being treated with _____, which involves the removal of waste from his blood through a fluid exchange in the abdominal cavity.

- 9.72. Roberta Gridley is scheduled for surgical repair of damage to the ureter. This procedure is a/an _____.
- 9.73. When Larry's _____ blood test showed a very high PSA level, his physician was concerned about the possibility of prostate cancer.
- 9.74. Dr. Morita's patient was diagnosed as having _____, which is also known as Bright's disease. This is a type of kidney disease caused by inflammation of the glomeruli that causes red blood cells and proteins to leak into the urine.
- 9.75. Mrs. Franklin describes her condition as a floating kidney. The medical term for this condition, in which there is a downward displacement of the kidney, is _____.

WHICH IS THE CORRECT MEDICAL TERM?

Select the correct answer and write it on the line provided.

- 9.76. Acute renal failure has sudden onset and is characterized by _____. This condition can be caused by many factors, including a sudden drop in blood volume or blood pressure due to injury or surgery.
- anuria dysuria enuresis uremia
- 9.77. The term _____ is urinary incontinence during sleep. It is also known as bed-wetting.
- nocturnal enuresis overactive bladder stress incontinence urinary incontinence
- 9.78. The term meaning the distention of the ureter is _____.
- ureteritis ureterectasis ureterolith urethrostenosis
- 9.79. The presence of abnormally low concentrations of protein in the blood is known as _____.
- hypertrophy hyperproteinuria hypocalcemia hypoproteinemia
- 9.80. A specialist in diagnosing and treating diseases and disorders of the kidneys is a/an _____.
- gynecologist nephrologist proctologist urologist

CHALLENGE WORD BUILDING

These terms are *not* found in this chapter; however, they are made up of the following familiar word parts. If you need help in creating the term, refer to your medical dictionary.

cyst/o	-cele
nephr/o	-itis
pyel/o	-lysis
ureter/o	-malacia
urethr/o	-ostomy
	-otomy
	-plasty
	-ptosis
	-rrhexis
	-sclerosis

- 9.81. The creation of an artificial opening between the urinary bladder and the exterior of the body is a/an _____.
- 9.82. A surgical incision into the kidney is a/an _____.
- 9.83. Abnormal hardening of the kidney is known as _____.
- 9.84. Prolapse of the bladder into the urethra is known as _____.
- 9.85. A hernia in the urethral wall is a/an _____.
- 9.86. The procedure to separate adhesions around a ureter is a/an _____.
- 9.87. Abnormal softening of the kidney is known as _____.
- 9.88. Inflammation of the renal pelvis and kidney is known as _____.
- 9.89. Rupture of the urinary bladder is known as _____.
- 9.90. The surgical repair of the bladder is a/an _____.

LABELING EXERCISES

Identify the numbered items on the accompanying figure.

- | | |
|--|----------------------------|
| 9.91. _____ gland | 9.96. renal _____ |
| 9.92. exterior view of the right _____ | 9.97. abdominal _____ |
| 9.93. inferior _____ | 9.98. right and left _____ |
| _____ | 9.99. urinary _____ |
| 9.94. _____ | 9.100. urethral _____ |
| 9.95. renal _____ | |

