

TABLE OF CONTENTS

ENDOCRINE SYSTEM

Learning Outcomes Review Questions	6
Practice Test 1 - INTRODUCTION TO THE ENDOCRINE SYSTEM	6
HYPOTHALAMUS	7
HYPOTHALAMUS- PITUITARY REGULATORY HORMONES AND HORMONES RELATIONSHIPS	8
Regulatory hormones and Vascularity	8
Direct production of oxytocin and antidiuretic hormones	9
Hypothalamus- control of adrenal medulla	10
Learning Outcomes Review Questions	11
HYPOTHALAMUS	11
Practice Test 2 - HYPOTHALAMUS.....	12
Practice Test 3 - TERMINOLOGY REVIEW HYPOTHALAMUS	12
PITUITARY GLAND (HYPOPHYSIS)	13
Lab Activity 1 - Pituitary Gland, Slide Preparation	13
Learning Outcomes Review Questions	14
PITUITARY GLAND	14
Practice Test 4 - PITUITARY GLAND	14
ANTERIOR PITUITARY (ADENOHYPHYSIS)	15
Learning Outcomes Review Questions	16
ANTERIOR PITUITARY GLAND	16
Practice Test 5 - ANTERIOR PITUITARY GLAND	16
Thyroid-stimulating hormone (TSH)	17
Learning Outcomes Review Questions	18
THYROID STIMULATING HORMONE (TSH)	18
Practice Test 6 - THYROID STIMULATING HORMONE (TSH)	18
Adrenocorticotrophic hormone (ACTH)	19
Learning Outcomes Review Questions	20
ADRENOCORTICOTROPIC HORMONE (ACTH)	20
Practice Test 7 - ADRENOCORTICOTROPIC HORMONE (ACTH)	20
Follicle-stimulating hormone (FSH)	21
Learning Outcomes Review Questions	22
FOLLICLE STIMULATING HORMONE (FSH)	22
Practice Test 8 - FOLLICLE STIMULATING HORMONE (FSH)	22
Luteinizing hormone (LH)	23
Learning Outcomes Review Questions	24
LUTEINIZING HORMONE (LH)	24
Practice Test 9 - LUTEINIZING HORMONE (LH)	24
Growth hormone (GH)	25
Learning Outcomes Review Questions	26
GROWTH HORMONE (GH)	26
Practice Test 10 - LUTEINIZING HORMONE (LH)	26
Prolactin (PRL)	27
Learning Outcomes Review Questions	28
PROLACTIN (PRL)	28
Practice Test 11 - PROLACTIN (PRL)	28
PARS INTERMEDIA	29
Learning Outcomes Review Questions	30
PARS INTERMEDIA	30
Practice Test 12 - PARS INTERMEDIA	30

POSTERIOR PITUITARY (NEUROHYPOPHYSIS, PARS NERVOSA)	31
Oxytocin	31
Antidiuretic hormone (ADH)	32
Learning Outcomes Review Questions	33
POSTERIOR PITUITARY	33
Practice Test 13 - POSTERIOR PITUITARY	35
Practice Test 14 - TERMINOLOGY REVIEW, STRUCTURE OF THE PITUITARY GLAND	35
Practice Test 15 - TERMINOLOGY REVIEW, HORMONES OF THE PITUITARY GLAND	35
THYROID GLAND	36
Lab Activity 2 -Thyroid Gland, Slide Preparation	36
Learning Outcomes Review Questions	39
THYROID GLAND	39
Practice Test 16 - THYROID GLAND	40
PARATHYROID GLANDS	41
Lab Activity 3 - Parathyroid Gland, Slide Preparation	41
Learning Outcomes Review Questions	43
PARATHYROID GLANDS	43
Practice Test 17 - PARATHYROID GLANDS	44
Practice Test 18 - TERMINOLOGY REVIEW-THYROID AND PARATHYROID GLANDS	44
ADRENAL GLAND	45
Lab Activity 4 - Adrenal gland, Slide Preparation	45
Adrenal Cortex	46
Adrenal Medulla	47
Learning Outcomes Review Questions	48
ADRENAL GLAND	48
Practice Test 19 - ADRENAL GLAND	49
Practice Test 20 - TERMINOLOGY REVIEW, ADRENAL GLAND	49
PANCREAS	50
Lab Activity 5 - Pancreas, Slide preparation	50
Insulin	51
Glucagon	52
Learning Outcomes Review Questions	53
PANCREAS	53
Practice Test 21 - PANCREAS	55
Practice Test 22 - TERMINOLOGY REVIEW, PANCREAS	55
ENDOCRINE TISSUES OF REPRODUCTIVE ORGANS	56
TESTES (singular, testis)	56
Interstitial cells	56
Sustentacular cells (Sertoli cells)	56
Lab Activity 6 - Testis, Slide Preparation	57
Hormone- Inhibin	58
Hormone- Testosterone	58
Learning Outcomes Review Questions	59
TESTES	59
Practice Test 23 - TESTES	60
Practice Test 24 - TERMINOLOGY REVIEW, TESTES	60
OVARIES	61
Follicles	61
Hormones: Estrogen and Inhibin	61
Corpus luteum	61
Lab Activity 7 - Ovary, Slide Preparation	62
Learning Outcomes Review Questions	63
OVARIES	63
Practice Test 25 - OVARIES	63
Practice Test 26 - TERMINOLOGY REVIEW , OVARIES	63

THYMUS	.....	64
Lab Activity 8 - Thymus, Slide Preparation	.....	64
Learning Outcomes Review Questions	.....	65
THYMUS	.....	65
Practice Test 27 - THYMUS	.....	65
Practice Test 28 - TERMINOLOGY REVIEW, THYMUS	.....	65
KIDNEYS	.....	66
Erythropoietin	.....	66
Calcitriol	.....	66
Renin	.....	66
Learning Outcomes Review Questions	.....	67
KIDNEYS	.....	67
Practice Test 29 - KIDNEYS	.....	67
Practice Test 30 - TERMINOLOGY REVIEW, KIDNEYS	.....	67
COPYRIGHT AND PRODUCT DETAILS	.....	68