



## Interpretive Guide

### Self-Evaluation Examination (NSEE)

#### Explanation of Examinee Score Report

**IDENTIFICATION:** At the bottom of the Score Report is your identifying information including your name and address, your AANA Identification Number, and your Year in the Program.

**EXAMINATION:** The examination is composed of 160 multiple-choice questions. The following is a detailed outline of the subtests listed at the left side of your Score Report. It shows the percentage of questions and the number of questions for each content area. The numbers in parentheses are the approximate number of questions in that content area subcategory by primary classification.

Subtest Content Outline	% of questions	# of questions		% of questions	# of questions
<b>1.0 Professional and legal aspects of nurse anesthesia</b>	<b>13%</b>	<b>(21)</b>			
1.1 Legal					
1.2 Quality Assurance					
1.3 Research					
<b>2.0 Anatomy, physiology, pathophysiology, anesthesia considerations</b>	<b>29%</b>	<b>(46)</b>			
2.1 Respiratory					
2.2 Cardiovascular					
2.3 Nervous					
2.31 Central/Peripheral					
2.32 Autonomic					
2.4 Hepatorenal, gastrointestinal					
2.5 Endocrine					
2.6 Other					
<b>3.0 Pharmacology</b>	<b>25%</b>	<b>(40)</b>			
3.1 General principles: pharmacokinetics, pharmacodynamics					
3.2 Inhalation agents					
3.3 Intravenous agents and reversal agents					
3.4 Local anesthetics					
3.5 Muscle relaxants and reversal agents					
3.6 Cardiac, vasoactive and antihypertensive drugs					
3.7 Drugs acting on the CNS/ANS					
3.8 Adjunct drugs					
3.9 Other					
<b>4.0 Basic principles of anesthesia practice</b>	<b>14%</b>	<b>(22)</b>			
4.1 Preoperative assessment/anesthetic plans					
4.2 Monitoring					
4.3 Positioning					
4.4 Fluid Therapy					
4.5 Perioperative complications: assessment, management					
4.6 Airway management					
			4.7 Other		
				<b>19%</b>	<b>(31)</b>
			<b>5.0 Advanced principles of anesthesia practice</b>		
			5.1 Regional anesthesia		
			5.1.1 lower extremity		
			5.1.2 upper extremity		
			5.1.3 other		
			5.2 Pediatrics		
			5.2.1 Anatomy, physiology, pathophysiology		
			5.2.2 Anesthetic management		
			5.3 Obstetrics		
			5.3.1 Anatomy, physiology, pathophysiology		
			5.3.2 Anesthetic management		
			5.4 Geriatrics		
			5.4.1 Anatomy, physiology, pathophysiology		
			5.4.2 Anesthetic management		
			5.5 Anesthesia management of surgical specialty procedures		
			5.5.1 Thoracic		
			5.5.2 Cardiac/Vascular		
			5.5.3 Neurosurgical		
			5.5.4 ENT/Oromaxillofacial/ Ophthalmologic		
			5.5.5 Genitourinary		
			5.5.6 Orthopedic		
			5.5.7 Abdominal/gynecological		
			5.5.8 Burns/trauma		
			5.5.9 Plastic/reconstructive/transplant		
			5.5.10 Outpatient		
			5.5.11 Pain Management		
			5.5.12 Other procedures: MRI, x-ray, ECT, cardioversion, MAC, conscious sedation		

**TOTAL NUMBER OF QUESTIONS:** For diagnostic purposes test questions are classified by primary subtest categories. The subtest categories are listed in the first column of your Score Report, in addition to the total test category. The second column in your Score Report lists the percentage of items on the total test and each of the subtests. Each test consisted of 160 items.

**Your Score:** The middle column, labeled Scaled Score, lists your score for the total test and for each of the primary subtests. The scaled score is a transformation of your demonstrated ability measure.

**Average Scaled Score Same Year in Program:** The average scaled score on the total test and on each of the subtests for all of the examinees in the same year in the program as you is listed on your Score report in the next column. Comparison of Your Score with the scores in this column will show how you performed relative to other examinees at your level.

**Average Scaled Score Nationally:** The column at the far right lists the average scaled score nationally on the total test and on each of the subtests. Comparison of Your Score with this column will show your performance relative to all examinees that took the examination during the same test period.

## CUMULATIVE PERCENTAGE TABLES

The tables on the following pages are provided to enable you to further compare your performance with other participants. A **cumulative percentage tells you the percentage of participants that earned a score lower than or equal to you**. For example, if an examinee's scaled score corresponds to a cumulative percentage of 64, this means that the examinee performed at a level higher than or equal to 64 percent of all examinees.

At the top of the following pages, the main headings list separately each of the subtests and the total test. You may thus compare your performance with other participants for each of these categories by finding the appropriate heading.

Under each main heading you will see groups of columns with subheadings as in the following example:

Anatomy, physiology, pathophysiology anesthetic considerations			
Scaled Score Value	Year 1	Year 2	CUM. %
401-410	72.2	58.1	59.5
411-420	XXX	XXX	XXX
421-430	XXX	XXX	XXX
431-440	XXX	XXX	XXX
441-450	XXX	XXX	XXX

To compare (as in the example above) your score on subtest 2 (Anatomy, physiology, pathophysiology, anesthetic considerations) you would first locate the row on your Score Report labeled in this same manner and find your scaled score in the column labeled Scaled Score. If your scaled score on this subtest fell between 401-410, you would look down the first column of the cumulative percentage table for this subtest, the column labeled Scaled Score Value, until you found Your Score range of 401-410. You would then find in the next column to the right, labeled "Year 1," the corresponding cumulative percentage for 1st year examinees of 72.2. The 58.1 in the next column is the cumulative percentage for 2nd year examinees. The corresponding cumulative percentage of 59.5 for all examinees at that scaled score value is listed in the far right column, labeled "CUM. %." This means that with a scaled score of 410 on subtest 2, an examinee scored higher or equal to 59% of all examinees on that subtest.

	Professional and Legal Aspects of Nurse Anesthesia			Anatomy, Physiology, Pathophysiology, Anesthesia Considerations			Pharmacology				
	Year 1	Year 2	All	Year 1	Year 2	All	Year 1	Year 2	All		
	Cum. %	Cum. %	Cum. %	Cum. %	Cum. %	Cum. %	Cum. %	Cum. %	Cum. %		
300-310	11.7	6.8	7.3	300-310	8.3	4.8	5.1	300-310	9.3	5.8	6.1
311-320	15.7	9.3	9.9	311-320	10.8	7.5	7.8	311-320	13.6	7.9	8.5
321-330	19.4	12.3	13.0	321-330	15.1	10.9	11.3	321-330	17.6	10.6	11.3
331-340	25.3	15.2	16.2	331-340	20.7	14.9	15.5	331-340	22.5	13.8	14.7
341-350	31.2	19.0	20.2	341-350	26.9	19.3	20.0	341-350	26.2	18.0	18.8
351-360	38.0	24.1	25.5	351-360	34.3	24.1	25.1	351-360	31.5	22.5	23.4
361-370	43.8	29.2	30.7	361-370	41.4	30.4	31.4	361-370	38.3	28.7	29.6
371-380	48.1	35.3	36.6	371-380	49.7	37.8	38.9	371-380	45.4	35.0	36.0
381-390	55.2	41.9	43.2	381-390	58.6	44.7	46.0	381-390	51.2	41.4	42.3
391-400	59.6	48.0	49.1	391-400	66.0	51.5	52.9	391-400	55.6	48.0	48.7
401-410	66.0	54.6	55.8	401-410	72.2	58.1	59.5	401-410	64.2	54.7	55.7
411-420	71.6	61.0	62.0	411-420	77.5	64.7	65.9	411-420	71.0	61.8	62.7
421-430	75.6	67.0	67.8	421-430	83.3	71.3	72.5	421-430	76.9	68.2	69.0
431-440	80.6	72.5	73.3	431-440	88.0	76.6	77.7	431-440	84.3	73.7	74.8
441-450	84.0	77.7	78.3	441-450	90.1	81.5	82.3	441-450	89.8	79.3	80.3
451-460	86.1	82.2	82.6	451-460	93.5	85.2	86.0	451-460	93.2	83.8	84.8
461-470	88.9	85.8	86.1	461-470	94.4	88.5	89.1	461-470	95.7	87.4	88.3
471-480	90.4	88.3	88.5	471-480	95.7	91.2	91.7	471-480	96.3	90.6	91.1
481-490	91.7	90.3	90.5	481-490	96.3	93.2	93.5	481-490	96.3	92.6	93.0
491-500	92.3	92.5	92.4	491-500	96.9	95.2	95.4	491-500	97.5	94.5	94.8
501-510	95.7	93.9	94.1	501-510	97.5	96.5	96.6	501-510	98.5	96.0	96.2
511-520	96.6	95.2	95.4	511-520	98.1	97.2	97.3	511-520	98.8	97.0	97.2
521-530	96.9	96.0	96.1	521-530	98.5	98.3	98.3	521-530	99.1	97.6	97.8
531-540	97.8	96.8	96.9	531-540	98.8	98.7	98.7	531-540	99.1	98.0	98.1
541-550	97.8	97.5	97.6	541-550	99.1	99.3	99.3	541-550	99.4	98.7	98.8
551-560	98.5	98.0	98.1	551-560	99.7	99.6	99.6	551-560	99.7	99.0	99.1
561-570	98.5	98.4	98.4	561-570	99.7	99.6	99.6	561-570	99.7	99.2	99.2
571-580	98.5	98.8	98.7	571-580	99.7	99.7	99.7	571-580	100.0	99.5	99.6
581-590	98.5	98.9	98.9	581-590	99.7	99.7	99.7	581-590	100.0	99.7	99.7
591-600	100.0	100.0	100.0	591-600	100.0	100.0	100.0	591-600	100.0	100.0	100.0

Basic Principles of Anesthesia				Adv Principles of Anesthesia				Scaled Score Total Test			
Practice	Year 1		All	Practice	Year 1		All	Year 1	Year 2		All
	Cum. %	Year 2			Cum. %	Year 2			Cum. %	Year 2	
300-310	7.7	7.8	7.8	300-310	10.2	5.3	5.8	300-310	3.7	2.4	2.5
311-320	11.1	9.7	9.9	311-320	12.7	7.5	8.0	311-320	6.2	3.9	4.2
321-330	14.8	12.5	12.7	321-330	16.4	10.7	11.2	321-330	10.5	6.0	6.5
331-340	19.4	15.9	16.3	331-340	21.9	14.4	15.1	331-340	14.8	8.9	9.5
341-350	25.0	20.7	21.1	341-350	28.1	18.3	19.3	341-350	19.8	12.8	13.5
351-360	32.1	25.4	26.1	351-360	33.6	23.2	24.2	351-360	29.6	18.1	19.2
361-370	38.6	31.1	31.9	361-370	42.3	28.5	29.8	361-370	38.6	25.0	26.3
371-380	44.8	38.0	38.7	371-380	50.3	35.6	37.0	371-380	48.1	32.8	34.3
381-390	50.9	44.4	45.1	381-390	57.1	42.2	43.7	381-390	59.6	41.7	43.5
391-400	60.2	50.6	51.6	391-400	64.5	49.0	50.5	391-400	69.4	51.2	53.0
401-410	65.7	56.4	57.3	401-410	71.6	56.3	57.8	401-410	77.5	60.7	62.4
411-420	70.1	62.4	63.1	411-420	76.9	63.2	64.5	411-420	85.8	69.6	71.2
421-430	73.1	67.8	68.3	421-430	83.3	70.0	71.3	421-430	92.0	76.7	78.2
431-440	77.5	72.7	73.1	431-440	86.7	75.3	76.4	431-440	95.1	82.9	84.1
441-450	84.6	77.8	78.4	441-450	89.8	80.0	81.0	441-450	96.3	88.6	89.4
451-460	89.2	81.9	82.7	451-460	93.2	84.3	85.2	451-460	97.2	92.2	92.7
461-470	92.3	85.3	86.0	461-470	96.0	87.8	88.6	461-470	98.5	94.9	95.3
471-480	93.2	88.7	89.1	471-480	96.9	90.5	91.2	471-480	99.1	96.7	97.0
481-490	94.1	90.9	91.3	481-490	98.1	92.8	93.3	481-490	99.1	98.4	98.5
491-500	95.4	93.1	93.3	491-500	98.8	94.7	95.1	491-500	99.7	99.0	99.1
501-510	96.9	94.5	94.7	501-510	99.1	96.4	96.7	501-510	99.7	99.5	99.5
511-520	97.2	95.3	95.5	511-520	99.1	97.7	97.8	511-520	99.7	99.7	99.7
521-530	98.1	96.3	96.5	521-530	99.4	98.4	98.5	521-530	99.7	99.8	99.8
531-540	98.8	97.4	97.5	531-540	99.7	98.6	98.7	531-540	99.7	99.9	99.9
541-550	99.1	97.8	97.9	541-550	99.7	99.0	99.1	541-550	99.7	100.0	100.0
551-560	99.7	98.1	98.3	551-560	99.7	99.4	99.4	551-560	100.0	100.0	100.0
561-570	99.7	98.4	98.5	561-570	99.7	99.6	99.6	561-570	100.0	100.0	100.0
571-580	100.0	98.7	98.8	571-580	99.7	99.7	99.7	571-580	100.0	100.0	100.0
581-590	100.0	98.9	99.1	581-590	99.7	99.9	99.9	581-590	100.0	100.0	100.0
591-600	100.0	100.0	100.0	591-600	100.0	100.0	100.0	591-600	100.0	100.0	100.0