**ﺰﯾﺮﺒﺗ ﯽﮑﺷﺰﭘ ﻡﻮﻠﻋ ﻩﺎﮕﺸﻧﺍﺩ** ﯽﮑﺷﺰﭘ ﻡﻮﻠﻋ ﺵﺯﻮﻣﺁ ﻪﻌﺳﻮﺗ ﻭ ﺕﺎﻌﻟﺎﻄﻣ ﺰﮐﺮﻣ

ﺰﯾﺮﺒﺗ ﯽﯾﺎﻣﺎﻣ ﻭ ﯼﺭﺎﺘﺳﺮﭘ ﻩﺪﮑﺸﻧﺍﺩ **(course plan) ﻩﺭﻭﺩ ﺡﺮﻃ (ﻞﻣﺎﮐ ﺱﺭﺩ ﻩﺭﻭﺩ ﮏﯾ ﯼﺍﺮﺑ)**

ﯼﺭﺎﺘﺳﺮﭘ ﯼﺍﺮﺘﮐﺩ :ﯽﻠﯿﺼﺤﺗ ﻪﺘﺷﺭ ﻭ ﻊﻄﻘﻣ ﯼﺭﺎﺘﺳﺮﭘ :ﯽﺷﺯﻮﻣﺁ ﻩﻭﺮﮔ ﺰﯾﺮﺒﺗ ﯽﯾﺎﻣﺎﻣ ﻭ ﯼﺭﺎﺘﺳﺮﭘ ﻩﺪﮑﺸﻧﺍﺩ ﺩﺭﺍﺪﻧ:ﺯﺎﯿﻧ ﺶﯿﭘ ﯼﺮﻈﻧ : ﺪﺣﺍﻭ ﻉﻮﻧ ۱/۵ :ﺪﺣﺍﻭ ﺩﺍﺪﻌﺗ ﯼﺭﺎﺘﺳﺮﭘ ﺭﺩ ﯼﺯﺎﺳ ﺭﺍﺰﺑﺍ ﻭ ﯽﺒﯿﮐﺮﺗ ﯼﺎﻫ ﺶﻫﻭﮋﭘ ﺪﻘﻧ ﻭ ﯽﺳﺎﻨﺷ ﺵﻭﺭ : ﺱﺭﺩ ﻡﺎﻧ

۹۷-۹۸ ﻝﻭﺍ ﻝﺎﺴﻤﯿﻧ ﺖﺳﺎﯾﺭ ﻩﺯﻮﺣ ﺲﻧﺍﺮﻔﻨﮐ ﻦﻟﺎﺳ :ﯼﺭﺍﺰﮔﺮﺑ ﻥﺎﮑﻣ ﻪﺒﻨﺷ ﻪﺳ ﺯﻭﺭ ۱۰-۱۲ ﺖﻋﺎﺳ ﻥﺎﯿﻧﺎﻣﺮﻬﻗ ﺮﺘﮐﺩ ﺕﺎﺴﻠﺟ ﻭ ۱۰-۱۲:ﺖﻋﺎﺳ ﻪﺒﻨﺷ :ﺯﻭﺭ :ﺱﻼﮐ ﯼﺭﺍﺰﮔﺮﺑ ﺭﺍﺪﻣﺎﻧ ﻦﯿﺴﺣ ﺮﺘﮐﺩ -ﻥﺎﯿﻧﺎﻣﺮﻬﻗ ﻡﺮﮐﺍ ﺮﺘﮐﺩ - عباس عبادی ﺮﺘﮐﺩ :ﻦﯿﺳﺭﺪﻣ حسین نامدار ﺮﺘﮐﺩ : ﺱﺭﺩ ﻝﻮﺌﺴﻣ ۶ :ﻥﺎﯾﻮﺠﺸﻧﺍﺩ ﺩﺍﺪﻌﺗ

ﺎﻬﻧﺁ ﺩﺮﺑﺭﺎﮐ ﻭ ﯽﺑﺎﯿﺷﺯﺭﺍ ﻭ ﯼﺯﺎﺳ ﻥﻮﻣﺯﺁ ،ﯽﺒﯿﮐﺮﺗ ﯼﺎﻫ ﺶﻫﻭﮋﭘ ﯽﻧﺎﺒﻣ ﻭ ﻝﻮﺻﺍ ﺎﺑ ﻮﺠﺸﻧﺍﺩ ﯽﯾﺎﻨﺷﺁ **(ﺪﯿﻫﺩ ﺡﺮﺷ ﺎﻔﻄﻟ) :ﯽﻠﮐ ﻑﺪﻫ** ﯼﺭﺎﺘﺳﺮﭘ ﺭﺩ

**: ﻩﮋﯾﻭ ﻑﺍﺪﻫﺍ**

ﯼﺎﻫ ﺡﺮﻃ ﻉﺍﻮﻧﺍ ﯽﻓﺮﻌﻣ -ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﺭﺩ ﺶﻫﻭﮋﭘ ﻪﻟﺎﺴﻣ - ﯽﻤﯾﺍﺩﺍﺭﺎﭘ ﺚﺤﺑ ﻭ ﯽﻨﯿﺑ ﻥﺎﻬﺟ ،ﯽﯾﺎﻨﺑﺮﯾﺯ ﻝﻮﺻﺍ :۱ ﻪﺴﻠﺟ :ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ/ ﯽﺒﯿﮐﺮﺗ ﺩﺮﮑﯾﻭﺭ

؟ﺪﻨﮐ ﺮﮐﺫ ﺍﺭ ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﯽﻠﺻﺍ ﯼﺎﻫ ﯽﮔﮋﯾﻭ ،ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﻦﯾﺩﺎﯿﻨﺑ ﻝﻮﺻﺍ ﺱﺎﺳﺍ ﺮﺑ .۱ .ﺪﻫﺩ ﺢﯿﺿﻮﺗ ﺍﺭ ﻪﻌﻟﺎﻄﻣ ﮏﯾ ﺭﺩ ﯽﻔﯿﮐ ﻭ ﯽﻤﮐ ﺩﺮﮑﯾﻭﺭ ﻭﺩ ﺮﻫ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﻪﺑ ﺯﺎﯿﻧ ،ﻝﺎﺜﻣ ﻪﻧﻮﻤﻧ ﮏﯾ ﺢﯾﺮﺸﺗ ﻭ ﺶﻫﻭﮋﭘ ﻪﻟﺎﺴﻣ ﺱﺎﺳﺍ ﺮﺑ .۲

.ﺪﯾﺎﻤﻧ ﻥﺎﯿﺑ ﺍﺭ ﯽﺒﯿﮐﺮﺗ ﯽﻘﯿﻘﺤﺗ ﺩﺮﮑﯾﻭﺭ ﺪﺷﺭ ﻞﺣﺍﺮﻣ ﻭ ﻪﻌﺳﻮﺗ ﺯﺍ ﯼﺮﺼﺘﺨﻣ ﻪﭽﺨﯾﺭﺎﺗ .۳ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﻩﺪﻨﻨﮐ ﺖﯾﺍﺪﻫ ﻢﯾﺍﺩﺍﺭﺎﭘ ﻭ ﯽﻨﯿﺑ ﻥﺎﻬﺟ ﺹﻮﺼﺧ ﺭﺩ .۴ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺶﻫﻭﮋﭘ ﺩﺮﮑﯾﻭﺭ ﯼﺎﻫ ﺡﺮﻃ ﻉﻮﻧ ﺭﺎﻬﭼ ﺩﺭﻮﻣ ﺭﺩ .۵

.ﺪﻨﮐ ﻥﺎﯿﺑ ﺍﺭ ﯽﺒﯿﮐﺮﺗ ﯼﺎﻫ ﺵﻭﺭ ﺕﺎﯿﺑﺩﺍ ﺭﺩ ﮎﺭﻼﮐﻮﻧﻼﭘ ﻭ ﺱﺭﻮﻣ ﯼﺭﺍﺬﮔ ﻪﻧﺎﺸﻧ ﻢﺘﺴﯿﺳ .۶ :ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ /(Triangulation) ﯼﺯﺎﺳ ﺚﻠﺜﻣ ﺡﺮﻃ :۲ ﻪﺴﻠﺟ

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﺭﺩ (Triangulation) ﯼﺯﺎﺳ ﺚﻠﺜﻣ ﺡﺮﻃ ﺡﺮﻃ ﺩﺭﻮﻣ ﺭﺩ .۱ .ﺪﻫﺩ ﺡﺮﺷ ﺍﺭ ﺎﻬﻧﺁ ﺩﺮﺑﺭﺎﮐ ﻭ ﯼﺯﺎﺳ ﺚﻠﺜﻣ ﺡﺮﻃ ﯼﺎﻫ ﻝﺪﻣ ﻉﺍﻮﻧﺍ .۲

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﻥﺁ ﯼﮊﻮﻟﻭﺪﺘﻣ ﺩﺭﻮﻣ ﺭﺩ ﻭ ﻪﻌﻟﺎﻄﻣ ﺍﺭ ﯼﺯﺎﺳ ﺚﻠﺜﻣ ﺡﺮﻃ ﺎﺑ ﻪﻌﻟﺎﻄﻣ ﮏﯾ .۳ .ﺪﯾﺎﻤﻧ ﻢﺳﺭ ﺍﺭ ﯼﺯﺎﺳ ﺚﻠﺜﻣ ﺡﺮﻃ ﯼﺎﻫ ﻝﺪﻣ ﻉﺍﻮﻧﺍ ﻪﺑ ﻁﻮﺑﺮﻣ ﯼﺮﺼﺑ ﺭﺍﺩﻮﻤﻧ ﮎﺭﻼﮐﻮﻧﻼﭘ ﻭ ﺱﺭﻮﻣ ﯼﺭﺍﺬﮔ ﻪﻧﺎﺸﻧ ﻢﺘﺴﯿﺳ ﺱﺎﺳﺍ ﺮﺑ .۴

:ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ /(Explanatory Sequential Design)ﯽﻨﯿﯿﺒﺗ ﯽﻟﺍﻮﺘﻣ ﺡﺮﻃ :۳ ﻪﺴﻠﺟ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﺭﺩ ﯽﻨﯿﯿﺒﺗ ﯽﻟﺍﻮﺘﻣ ﺡﺮﻃ ﺩﺭﻮﻣ ﺭﺩ .۱

.ﺪﻫﺩ ﺡﺮﺷ ﺍﺭ ﺎﻬﻧﺁ ﺕﻭﺎﻔﺗ ﻭ ﯽﻨﯿﯿﺒﺗ ﺡﺮﻃ ﺕﻭﺎﻔﺘﻣ ﻉﺍﻮﻧﺍ .۲ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﻥﺁ ﯼﮊﻮﻟﻭﺪﺘﻣ ﺩﺭﻮﻣ ﺭﺩ ﻭ ﻪﻌﻟﺎﻄﻣ ﺍﺭ ﯽﻨﯿﯿﺒﺗ ﺡﺮﻃ ﺎﺑ ﻪﻌﻟﺎﻄﻣ ﮏﯾ .۳

.ﺪﯾﺎﻤﻧ ﻢﺳﺭ ﺍﺭ ﯽﻨﯿﯿﺒﺗ ﯽﻟﺍﻮﺘﻣ ﺡﺮﻃ ﯼﺎﻫ ﻝﺪﻣ ﻉﺍﻮﻧﺍ ﻪﺑ ﻁﻮﺑﺮﻣ ﯼﺮﺼﺑ ﺭﺍﺩﻮﻤﻧ ﮎﺭﻼﮐﻮﻧﻼﭘ ﻭ ﺱﺭﻮﻣ ﯼﺭﺍﺬﮔ ﻪﻧﺎﺸﻧ ﻢﺘﺴﯿﺳ ﺱﺎﺳﺍ ﺮﺑ .۴ :ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ /(Exploratory Sequential Design)ﯽﻓﺎﺸﺘﮐﺍ ﯽﻟﺍﻮﺘﻣ ﺡﺮﻃ :۴ ﻪﺴﻠﺟ

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﺭﺩ ﯽﻓﺎﺸﺘﮐﺍ ﯽﻟﺍﻮﺘﻣ ﺡﺮﻃ ﺩﺭﻮﻣ ﺭﺩ .۱ .ﺪﻫﺩ ﺡﺮﺷ ﺍﺭ ﺎﻬﻧﺁ ﺕﻭﺎﻔﺗ ﻭ ﯽﻓﺎﺸﺘﮐﺍ ﺡﺮﻃ ﺕﻭﺎﻔﺘﻣ ﻉﺍﻮﻧﺍ .۲

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﻥﺁ ﯼﮊﻮﻟﻭﺪﺘﻣ ﺩﺭﻮﻣ ﺭﺩ ﻭ ﻪﻌﻟﺎﻄﻣ ﺍﺭ ﯽﻓﺎﺸﺘﮐﺍ ﺡﺮﻃ ﺎﺑ ﻪﻌﻟﺎﻄﻣ ﮏﯾ .۳ .ﺪﯾﺎﻤﻧ ﻢﺳﺭ ﺍﺭ ﯽﻓﺎﺸﺘﮐﺍ ﯽﻟﺍﻮﺘﻣ ﺡﺮﻃ ﯼﺎﻫ ﻝﺪﻣ ﻉﺍﻮﻧﺍ ﻪﺑ ﻁﻮﺑﺮﻣ ﯼﺮﺼﺑ ﺭﺍﺩﻮﻤﻧ ﮎﺭﻼﮐﻮﻧﻼﭘ ﻭ ﺱﺭﻮﻣ ﯼﺭﺍﺬﮔ ﻪﻧﺎﺸﻧ ﻢﺘﺴﯿﺳ ﺱﺎﺳﺍ ﺮﺑ .۴

:ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ /(Embedded)ﻩﺪﯾﺰﮔ ﻪﻧﻻ ﺎﯾ ﻮﺗ ﺭﺩ ﻮﺗ ﺡﺮﻃ :۵ ﻪﺴﻠﺟ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﺭﺩ ﻮﺗ ﺭﺩ ﻮﺗ ﺡﺮﻃ ﺩﺭﻮﻣ ﺭﺩ .۱ .ﺪﻫﺩ ﺡﺮﺷ ﺍﺭ ﺎﻬﻧﺁ ﺩﺮﺑﺭﺎﮐ ﻭ ﻮﺗ ﺭﺩ ﻮﺗ ﺡﺮﻃ ﯼﺎﻫ ﻝﺪﻣ ﻉﺍﻮﻧﺍ .۲

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﻥﺁ ﯼﮊﻮﻟﻭﺪﺘﻣ ﺩﺭﻮﻣ ﺭﺩ ﻭ ﻪﻌﻟﺎﻄﻣ ﺍﺭ ﻮﺗ ﺭﺩ ﻮﺗ ﺡﺮﻃ ﺎﺑ ﻪﻌﻟﺎﻄﻣ ﮏﯾ .۳ .ﺪﯾﺎﻤﻧ ﻢﺳﺭ ﺍﺭ ﻮﺗ ﺭﺩ ﻮﺗ ﺡﺮﻃ ﯼﺎﻫ ﻝﺪﻣ ﻉﺍﻮﻧﺍ ﻪﺑ ﻁﻮﺑﺮﻣ ﯼﺮﺼﺑ ﺭﺍﺩﻮﻤﻧ ﮎﺭﻼﮐﻮﻧﻼﭘ ﻭ ﺱﺭﻮﻣ ﯼﺭﺍﺬﮔ ﻪﻧﺎﺸﻧ ﻢﺘﺴﯿﺳ ﺱﺎﺳﺍ ﺮﺑ .۴

:ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ / ﯽﺒﯿﮐﺮﺗ ﺶﻫﻭﮋﭘ ﺵﻭﺭ ﺭﺩ ﺎﻫ ﻩﺩﺍﺩ ﻞﯿﻠﺤﺗ ﻭ ﯼﺭﻭﺁ ﻊﻤﺟ:۶ ﻪﺴﻠﺟ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺶﻫﻭﮋﭘ ﺭﺩ ﺎﻫ ﻩﺩﺍﺩ ﻥﺎﻣﺰﻤﻫ ﯼﺭﻭﺁ ﻊﻤﺟ ﻭ ﯼﺮﯿﮔ ﻪﻧﻮﻤﻧ ﺎﺑ ﻂﺒﺗﺮﻣ ﻞﺋﺎﺴﻣ ﺩﺭﻮﻣ ﺭﺩ .۱ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺶﻫﻭﮋﭘ ﺭﺩ ﺎﻫ ﻩﺩﺍﺩ ﯽﻟﺍﻮﺘﻣ ﯼﺭﻭﺁ ﻊﻤﺟ ﻭ ﯼﺮﯿﮔ ﻪﻧﻮﻤﻧ ﺎﺑ ﻂﺒﺗﺮﻣ ﻞﺋﺎﺴﻣ ﺩﺭﻮﻣ ﺭﺩ .۲

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺶﻫﻭﮋﭘ ﺭﺩ ﺎﻫ ﻩﺩﺍﺩ ﻥﺎﻣﺰﻤﻫ ﻞﯿﻠﺤﺗ ﺎﺑ ﻂﺒﺗﺮﻣ ﻞﺋﺎﺴﻣ ﺩﺭﻮﻣ ﺭﺩ .۳ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﺶﻫﻭﮋﭘ ﺭﺩ ﺎﻫ ﻩﺩﺍﺩ ﯽﻟﺍﻮﺘﻣ ﻞﯿﻠﺤﺗ ﺎﺑ ﻂﺒﺗﺮﻣ ﻞﺋﺎﺴﻣ ﺩﺭﻮﻣ ﺭﺩ .۴

.ﺪﯾﺎﻤﻧ ﺢﯾﺮﺸﺗ ﻡﺍﺪﮐ ﺮﻫ ﯼﺍﺮﺑ ﻩﺪﺷ ﻡﺎﺠﻧﺍ ﻪﻌﻟﺎﻄﻣ ﮏﯾ ﻪﺋﺍﺭﺍ ﺎﺑ ﺍﺭ ﯽﺒﯿﮐﺮﺗ ﺶﻫﻭﮋﭘ ﺭﺩ ﯽﻔﯿﮐ ﻭ ﯽﻤﮐ ﯼﺎﻫ ﻩﺩﺍﺩ ﻡﺎﻏﺩﺍ ﯼﺍﺮﺑ ﺩﻮﺟﻮﻣ ﯼﺎﻫ ﮏﯿﻨﮑﺗ .۵ ﻉﻮﺿﻮﻣ ﺮﻈﻧ ﺯﺍ ﺎﻬﻧﻮﻣﺯﺁ ﻉﺍﻮﻧﺍ ،(ﯽﻤّﮐ ﺎﯾ ﯽﻔﯿﮐ ،ﺭﺎﯿﻌﻣ ﺎﯾ ﺭﺎﺠﻨﻫ ﻪﺑ ﻪﺘﺴﺑﺍﻭ) ﻉﻮﺿﻮﻣ ﺖﯿﻫﺎﻣ ﺮﻈﻧ ﺯﺍ ﺶﺠﻨﺳ ﻉﺍﻮﻧﺍ :۷ ﻪﺴﻠﺟ

:ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ /(ﮏﯾﮊﻮﻟﻮﯾﺰﯿﻓ ،ﯽﺘﮐﺮﺟ ﻥﺍﻭﺭ ،ﯽﻔﻃﺎﻋ ،ﯽﺘﺧﺎﻨﺷ ﯼﺎﻬﻧﻮﻣﺯﺁ ﻞﻣﺎﺷ)ﯼﺮﯿﮔ ﻩﺯﺍﺪﻧﺍ .ﺪﯾﺎﻤﻧ ﮎﺭﺩ ﺍﺭ ﻪﻌﻟﺎﻄﻣ ﮏﯾ ﺯﺍ ﺮﺒﺘﻌﻣ ﺞﯾﺎﺘﻧ ﻪﺑ ﻥﺪﯿﺳﺭ ﺭﺩ ﺮﺒﺘﻌﻣ ﺭﺍﺰﺑﺍ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﺖﯿﻤﻫﺍ .۱

.ﺪﯾﺎﻤﻧ ﺖﻗﺩ ﻪﻌﻟﺎﻄﻣ ﻥﺁ ﯼﺎﻫ ﻩﺩﺍﺩ ﯼﺮﯿﮔ ﻩﺯﺍﺪﻧﺍ ﺭﺍﺰﺑﺍ ﻭ ﺵﻭﺭ ﻪﺑ ﺮﺒﺘﻌﻣ ﺕﻻﺎﻘﻣ ﻪﺑ ﯽﺳﺮﺘﺳﺩ ﺭﺩ .۲ .ﺪﯾﺎﻤﻧ ﻪﺴﯾﺎﻘﻣ ﻢﻫ ﺎﺑ ﺍﺭ ﺭﺎﺠﻨﻫ ﻭ ﺭﺎﯿﻌﻣ ﻪﺑ ﻪﺘﺴﺑﺍﻭ ﯼﺎﻬﻧﻮﻣﺯﺁ .۳

.ﺪﯾﺎﻤﻧ ﺡﺮﻄﻣ ﯽﯾﺎﻬﻟﺎﺜﻣ ﻡﺍﺪﮐ ﺮﻫ ﯼﺍﺮﺑ ﻭ ﻩﺩﻮﻤﻧ ﺚﺤﺑ ﯽﺒﯿﮐﺮﺗ ﻭ ﯽﻔﯿﮐ ،ﯽﻤﮐ ﺩﺮﮑﯾﻭﺭ ﺎﺑ ﻉﻮﺿﻮﻣ ﮏﯾ ﯼﺮﯿﮔ ﻩﺯﺍﺪﻧﺍ ﺩﺭﻮﻣ ﺭﺩ .۴ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﺎﻬﻧﺁ ﻦﯿﺑ ﺕﻭﺎﻔﺗ ﻭ Formative ﻭ Reflective ﯼﺎﻬﻧﻮﻣﺯﺁ ﺩﺭﻮﻣ ﺭﺩ .۵

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺘﺧﺎﻨﺷ ﯼﺎﻬﻧﻮﻣﺯﺁ ﺩﺭﻮﻣ ﺭﺩ .۶ .ﺪﻫﺩ ﺢﯿﺿﻮﺗ ﺍﺭ (ﯼﺎﻨﻌﻣ ﻕﺍﺮﺘﻓﺍ ﺱﺎﯿﻘﻣ ﻭ ﯽﻌﻤﺠﺗ ﯼﺪﻨﺑ ﻪﺒﺗﺭ ﺱﺎﯿﻘﻣ ﻞﻣﺎﺷ)ﯽﻫﺩ ﺵﺭﺍﺰﮔﺩﻮﺧ ﯼﺎﻫ ﺱﺎﯿﻘﻣ ﻪﻄﺑﺍﺭ ﻦﯾﺍ ﺭﺩ ﻭ ﻩﺩﻮﻤﻧ ﺚﺤﺑ ﺎﻬﺷﺯﺭﺍ ﻭ ﻖﺋﻼﻋ ،ﺵﺮﮕﻧ ﺶﺠﻨﺳ ﯼﺍﺮﺑ ﯽﻔﻃﺎﻋ ﯼﺎﻬﻧﻮﻣﺯﺁ ﺩﺭﻮﻣ ﺭﺩ .۷

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﯽﺘﮐﺮﺣ ﻥﺍﻭﺭ ﯼﺎﻬﻧﻮﻣﺯﺁ ﺩﺭﻮﻣ ﺭﺩ .۸ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﮏﯾﮊﻮﻟﻮﯾﺰﯿﻓ ﯼﺎﻬﻧﻮﻣﺯﺁ ﺩﺭﻮﻣ ﺭﺩ .۹ .ﺪﯾﺎﻤﻧ ﻪﺴﯾﺎﻘﻣ ﻢﻫ ﺎﺑ ﺍﺭ ﯽﻨﻫﺩ ﻭ ﯽﻨﯿﻋ ﯼﺎﻬﻧﻮﻣﺯﺁ .۱۰

:ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ / ﺭﺍﺰﺑﺍ ﺖﺧﺎﺳ ﯼﮊﻮﻟﻭﺪﺘﻣ :۸ ﻪﺴﻠﺟ ؟ﺪﯾﺎﻤﻧ ﻥﺎﯿﺑ ﺍﺭ ﯽﺸﻫﻭﮋﭘ ﻭ ﯽﺷﺯﻮﻣﺁ ﻥﻮﻣﺯﺁ ﮏﯾ ﯽﺣﺍﺮﻃ ﯼﺍﺮﺑ ﺩﺭﺍﺪﻧﺎﺘﺳﺍ ﻞﺣﺍﺮﻣ .۱

ﯽﯾﺎﻬﻟﺎﺜﻣ ﻪﺋﺍﺭﺍ ﺎﺑ ﻥﺁ ﺩﺭﻮﻣ ﺭﺩ ﻭ ﮎﺭﺩ ﺍﺭ ﯼﺮﯿﮔ ﻩﺯﺍﺪﻧﺍ ﺩﺭﻮﻣ ﯼﺍﻮﺘﺤﻣ ﺯﺍ ﻑﺮﻌﻣ ﻪﻧﻮﻤﻧ ﻪﺑ ﻥﺪﯿﺳﺭ ﯼﺍﺮﺑ ﯽﺸﻫﻭﮋﭘ ﯼﺎﻬﻧﻮﻣﺯﺁ ﺭﺩ ﺖﻨﯾﺮﭘﻮﻠﺑ ﻭ ﯽﺷﺯﻮﻣﺁ ﯼﺎﻬﻧﻮﻣﺯﺁ ﺭﺩ ﺱﺭﺩ ﺕﺎﺼﺨﺸﻣ ﻝﻭﺪﺟ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﺖﯿﻤﻫﺍ .۲ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ (ﺰﯿﯿﻤﺗ ﺐﯾﺮﺿ ﻭ ﺺﯿﺨﺸﺗ ﺐﯾﺮﺿ -ﯽﯾﺎﯾﺎﭘ -ﯽﯾﺍﻭﺭ) ﺏﻮﺧ ﻥﻮﻣﺯﺁ ﮏﯾ ﯼﺎﻬﯿﮔﮋﯾﻭ ﺩﺭﻮﻣ ﺭﺩ .۳ :ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ / ﺍﻮﺘﺤﻣ ﻭ ﯼﺭﻮﺻ ﯽﯾﺍﻭﺭ :(۱) ﺭﺍﺰﺑﺍ ﯽﯾﺍﻭﺭ :۹ ﻪﺴﻠﺟ

.ﺪﯾﺎﻤﻧ ﺮﮐﺫ ﺍﺭ ﻩﺪﺷ ﯽﺣﺍﺮﻃ ﺭﺍﺰﺑﺍ ﯽﯾﺍﻭﺭ ﯽﺳﺭﺮﺑ ﻒﻠﺘﺨﻣ ﯼﺎﻬﺷﻭﺭ ﯼﺪﻨﺑ ﻪﺘﺳﺩ .۱ .ﺪﯾﺎﻤﻧ ﻥﺎﯿﺑ ﺍﺭ ﯽﯾﺍﻮﺘﺤﻣ ﻭ ﯼﺭﻮﺻ ﯽﯾﺍﻭﺭ ﻦﯿﯿﻌﺗ ﯼﺍﺮﺑ ﻒﻠﺘﺨﻣ ﯼﺎﻬﻫﺍﺭ .۲

ﺍﺭ ﻑﺪﻫ ﻩﻭﺮﮔ ﺯﺍ ﻪﻧﻮﻤﻧ ﮏﯾ ﺎﺑ ﯽﺘﺧﺎﻨﺷ ﻪﺒﺣﺎﺼﻣ ﮏﯾ ﻩﺪﺷ ﻪﺘﺧﻮﻣﺁ ﯼﺎﻬﺷﻭﺭ ﺯﺍ ﺖﺧﺎﻨﺷ ﺎﺑ ﻭ ﻩﺩﻮﻤﻧ ﮎﺭﺩ ﺍﺭ ﯽﻔﯿﮐ ﺵﻭﺭ ﻪﺑ ﺭﺍﺰﺑﺍ ﯼﺭﻮﺻ ﯽﯾﺍﻭﺭ ﻦﯿﯿﻌﺗ ﯼﺍﺮﺑ ﯽﺘﺧﺎﻨﺷ ﯼﺎﻫ ﻪﺒﺣﺎﺼﻣ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﺖﯿﻤﻫﺍ .۳ ..ﺪﯾﺎﻤﻧ ﺖﯾﺍﺪﻫ

.ﺪﻫﺩ ﻡﺎﺠﻧﺍ ﻭ ﺡﺮﺷ ﻝﺎﺜﻣ ﮏﯾ ﺮﮐﺫ ﺎﺑ ﺍﺭ ﯼﺭﻮﺻ ﯽﯾﺍﻭﺭ ﯽﻤﮐ ﻦﯿﯿﻌﺗ ﺵﻭﺭ ﻥﺍﻮﻨﻋ ﻪﺑ ﻢﺘﯾﺁ ﺮﯿﺛﺎﺗ ﺐﯾﺮﺿ ﻦﯿﯿﻌﺗ ﺵﻭﺭ .۴ .ﺪﻫﺩ ﻡﺎﺠﻧﺍ ﻭ ﺢﯿﺿﻮﺗ ﯽﯾﺎﻬﻟﺎﺜﻣ ﺡﺮﻃ ﺎﺑ ﺍﺭ ﺭﺍﺰﺑﺍ ﺕﺍﺭﺎﺒﻋ ﯼﺍﻮﺘﺤﻣ ﯽﯾﺍﻭﺭ ﺺﺧﺎﺷ ﻦﯿﯿﻌﺗ ﯼﺍﺮﺑ ﻞﺳﺎﺑ ﻭ ﺰﺘﻟﺍﻭ ﻭ ﺍﻮﺘﺤﻣ ﯽﯾﺍﻭﺭ ﺖﺒﺴﻧ ﻦﯿﯿﻌﺗ ﯼﺍﺮﺑ ﻪﺷﻭﻻ ﯼﺎﻫﺩﺮﮑﯾﻭﺭ .۵

.ﺪﯾﺎﻤﻧ ﻪﺒﺳﺎﺤﻣ ﺱﺭﺩ ﺱﻼﮐ ﺭﺩ ﻩﺪﺷ ﻪﺋﺍﺭﺍ ﻞﺴﮐﺍ ﻞﯾﺎﻓ ﻪﻧﻮﻤﻧ ﮏﯾ ﺭﺩ ﺍﺭ ﻦﯿﮕﻧﺎﯿﻣ ﻭ ﻖﻓﺍﻮﺗ ﺵﻭﺭ ﻪﺑ ﺯﺍﺰﺑﺍ ﻞﮐ ﯽﯾﺍﻭﺭ ﺺﺧﺎﺷ .۶ .ﺪﯾﺎﻤﻧ ﻑﺬﺣ ﺍﺭ ﺭﺍﺰﺑﺍ ﯼﺍﻮﺘﺤﻣ ﯽﯾﺍﻭﺭ ﺺﺧﺎﺷ ﻪﺒﺳﺎﺤﻣ ﺭﺩ ﺲﻧﺎﺷ ﺮﺛﺍ ،ﻩﺪﺷ ﻞﯾﺪﻌﺗ ﯼﺎﭘﺎﮐ ﺐﯾﺮﺿ ﻪﺒﺳﺎﺤﻣ ﺎﺑ ﺪﻧﺍﻮﺘﺑ .۷

.ﺪﯾﺎﻤﻧ ﺕﻭﺎﻀﻗ ﺍﻮﺘﺤﻣ ﻭ ﯼﺭﻮﺻ ﯽﯾﺍﻭﺭ ﻦﯿﯿﻌﺗ ﻞﺣﺍﺮﻣ ﺭﺩ ﺭﺍﺰﺑﺍ ﺭﺩ ﺕﺭﺎﺒﻋ ﮏﯾ ﻆﻔﺣ ﺎﯾ ﺡﻼﺻﺍ ،ﻑﺬﺣ ﯼﺍﺮﺑ ﺕﻭﺎﻀﻗ ﯼﺎﻫﺭﺎﯿﻌﻣ ﺩﺭﻮﻣ ﺭﺩ .۸ :ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ / ﻩﺯﺎﺳ ﻭ ﯽﮐﻼﻣ ﯽﯾﺍﻭﺭ :(۲) ﺭﺍﺰﺑﺍ ﯽﯾﺍﻭﺭ:۱۰ ﻪﺴﻠﺟ

.ﺪﻫﺩ ﺢﯿﺿﻮﺗ ﺍﺭ ﻦﯿﺑ ﺶﯿﭘ ﻭ ﻥﺎﻣﺰﻤﻫ ﯽﮐﻼﻣ ﯽﯾﺍﻭﺭ ﯽﺳﺭﺮﺑ ﯼﺍﺮﺑ ﮎﻼﻣ ﺭﺍﺰﺑﺍ ﺏﺎﺨﺘﻧﺍ ﺵﻭﺭ .۱ .ﺩﺮﺒﺑ ﻡﺎﻧ ﺍﺭ ﻩﺯﺎﺳ ﯽﯾﺍﻭﺭ ﻉﺍﻮﻧﺍ .۲

.ﺪﻫﺩ ﺢﯿﺿﻮﺗ ﺍﺮﮔﺍﻭ ﻭ ﺍﺮﮕﻤﻫ ﯽﯾﺍﻭﺭ ﺩﺭﻮﻣ ﺭﺩ .۳ .ﺪﯾﺎﻤﻧ ﻪﺴﯾﺎﻘﻣ ﻢﻫ ﺎﺑ ﺍﺭ ﯼﺪﯿﯾﺎﺗ ﻭ ﯽﻓﺎﺸﺘﮐﺍ ﯽﻠﻣﺎﻋ ﻞﯿﻠﺤﺗ ﺵﻭﺭ .۴

.ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﺎﻫ ﻞﻣﺎﻋ ﺝﺍﺮﺨﺘﺳﺍ ﯼﺍﺮﺑ ﯽﻤﻠﻋ ﻥﻮﺘﻣ ﺭﺩ ﺡﺮﻄﻣ ﯼﺎﻫﺭﺎﯿﻌﻣ ﺩﺭﻮﻣ ﺭﺩ ﻭ ﻩﺩﺍﺩ ﻡﺎﺠﻧﺍ ﺍﺭ ﯽﻓﺎﺸﺘﮐﺍ ﯽﻠﻣﺎﻋ ﻞﯿﻠﺤﺗ ﻡﺎﺠﻧﺍ ﻞﺣﺍﺮﻣ ﺱﺭﺩ ﺱﻼﮐ ﺭﺩ ﻩﺪﺷ ﻪﺋﺍﺭﺍ SPSS ﻞﯾﺎﻓ ﮏﯾ ﺭﺩ .۵ :ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ / ﺭﺍﺰﺑﺍ ﯽﯾﺎﯾﺎﭘ:۱۱ ﻪﺴﻠﺟ

.ﺪﯾﺎﻤﻧ ﻥﺎﯿﺑ ﺍﺭ ﺭﺍﺰﺑﺍ ﮏﯾ ﯽﯾﺎﯾﺎﭘ ﯽﺳﺭﺮﺑ ﯼﺍﺮﺑ ﻒﻠﺘﺨﻣ ﯼﺎﻬﻫﺍﺭ .۱ .ﺪﯾﺎﻤﻧ ﻪﺒﺳﺎﺤﻣ ﺍﺭ ﻥﺁ ۲۱ ﻭ ۲۰-ﻥﻮﺳﺩﺭﺎﭽﯾﺭﺭﺩﻮﮐ ﻝﻮﻣﺮﻓ ﺎﺑ ﻩﺮﻤﻧ ﺖﺴﯿﻟ ﮏﯾ ﺭﺩ ﻭ ﻩﺩﺍﺩ ﺢﯿﺿﻮﺗ ﺍﺭ ﯽﺸﻫﻭﮋﭘ ﻭ ﯽﺷﺯﻮﻣﺁ ﯼﺎﻬﻧﻮﻣﺯﺁ ﺭﺩ ﻥﻮﺳﺩﺭﺎﭽﯾﺭﺭﺩﻮﮐ ﯽﯾﺎﯾﺎﭘ ﺐﯾﺮﺿ ﻦﯿﯿﻌﺗ ﺵﻭﺭ .۲

.ﺪﻫﺩ ﺢﯿﺿﻮﺗ ﺍﺭ ﻥﺁ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﯼﺍﺮﺑ ﺐﺳﺎﻨﻣ ﺖﯿﻌﻗﻮﻣ ﻭ ﺥﺎﺒﻧﻭﺮﮐ ﯼﺎﻔﻟﺁ ﺐﯾﺮﺿ ﻦﯿﯿﻌﺗ ﺵﻭﺭ .۳ .ﺪﯾﺎﻤﻧ ﺚﺤﺑ ﻥﻮﻣﺯﺁ ﻉﻮﻧ ﻪﺑ ﻪﺘﺴﺑ ﻥﺁ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﺩﺭﻮﻣ ﯼﺎﻫ ﺖﯿﻌﻗﻮﻣ ﻭ ﺎﻬﺷﻭﺭ ،ﺕﺎﺒﺛ ﯽﯾﺎﯾﺎﭘ ﺩﺭﻮﻣ ﺭﺩ .۴

.ﺪﯾﺎﻤﻧ ﻪﺒﺳﺎﺤﻣ ﺍﺭ (ICC: Intra-Class Correlation) ﯼﺍ ﻪﻘﺒﻃ ﻥﻭﺭﺩ ﯽﮕﺘﺴﺒﻤﻫ ﺐﯾﺮﺿ ﻭ ﺥﺎﺒﻧﻭﺮﮐ ﯼﺎﻔﻟﺁ ﺐﯾﺮﺿ ﺱﺭﺩ ﺱﻼﮐ ﺭﺩ ﻩﺪﺷ ﻪﺋﺍﺭﺍ SPSS ﻞﯾﺎﻓ ﮏﯾ ﺭﺩ .۵ :ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ / ﺭﺍﺰﺑﺍ ﺪﻘﻧ :۱۲ ﻪﺴﻠﺟ

.ﺩﻮﺷ ﺎﻨﺷﺁ ﻩﺪﺷ ﯽﺠﻨﺴﻧﺍﻭﺭ ﻭ ﯽﺣﺍﺮﻃ ﯼﺎﻫﺭﺍﺰﺑﺍ ﺪﻘﻧ ﯼﺍﺮﺑ ﻥﺁ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﺵﻭﺭ ﻭ (COSMIN) ﻦﯿﻤﺳﺎﮐ ﺖﺴﯿﻟ ﮏﭼ ﺭﺎﺘﺧﺎﺳ ﺎﺑ .۱ .ﺪﯾﺎﻤﻧ ﺪﻘﻧ ﺍﺭ ﯼﺯﺎﺳﺭﺍﺰﺑﺍ ﻪﻟﺎﻘﻣ ﮏﯾ ﻦﯿﻤﺳﺎﮐ ﺭﺍﺰﺑﺍ ﺯﺍ ﻩﺩﺎﻔﺘﺳﺍ ﺎﺑ .۲

.ﺪﻨﮐ ﺍﺪﯿﭘ ،ﺪﯾﺎﻤﻧ ﯽﻣ ﻩﺩﺎﻔﺘﺳﺍ ﻭ ﻪﻌﻟﺎﻄﻣ ﻪﮐ ﯽﻘﯿﻘﺤﺗ ﺕﻻﺎﻘﻣ ﺭﺩ ﺎﻫﺭﺍﺰﺑﺍ ﯽﺠﻨﺴﻧﺍﻭﺭ ﻭ ﯽﺣﺍﺮﻃ ﺵﻭﺭ ﻪﺑ ﺖﺒﺴﻧ ﯼﺍ ﻪﻧﺍﺩﺎﻘﻧ ﻩﺎﮕﻧ .۳

:ﺪﻧﺍﻮﺘﺑ ﻮﺠﺸﻧﺍﺩ / ﯽﺒﯿﮐﺮﺗ ﺩﺮﮑﯾﻭﺭ ﺎﺑ ﺕﺎﻌﻟﺎﻄﻣ ﺪﻘﻧ ﻭ ﯽﺑﺎﯾﺯﺭﺍ ،ﺵﺭﺎﮕﻧ:۱۳ ﻪﺴﻠﺟ .ﺪﻫﺩ ﺡﺮﺷ ﺍﺭ ﯽﺒﯿﮐﺮﺗ ﺵﻭﺭ ﻪﺑ ﯽﺸﻫﻭﮋﭘ ﺭﺎﺒﺘﻋﺍ ﺖﻓﺎﯾﺭﺩ ﯼﺍﺮﺑ ﯼﺩﺎﻬﻨﺸﯿﭘ ﺡﺮﻃ ﺎﯾ ﻪﻣﺎﻧ ﻥﺎﯾﺎﭘ ﯼﺩﺎﻬﻨﺸﯿﭘ ﺡﺮﻃ ﺵﺭﺎﮕﻧ ﯼﺍﺮﺑ ﯽﻠﮐ ﯼﺎﻫﺩﺮﺒﻫﺍﺭ .۱

.ﺪﻫﺩ ﺡﺮﺷ ﺍﺭ ﯽﺒﯿﮐﺮﺗ ﺵﻭﺭ ﻪﺑ ﻪﻟﺎﻘﻣ ﮏﯾ ﺵﺭﺎﮕﻧ ﯼﺍﺮﺑ ﯽﻠﮐ ﯼﺎﻫﺩﺮﺒﻫﺍﺭ .۲ .ﺪﯾﺎﻤﻧ ﻦﯿﯿﺒﺗ ﺍﺭ ﯽﺒﯿﮐﺮﺗ ﺵﻭﺭ ﻪﺑ ﻪﻌﻟﺎﻄﻣ ﮏﯾ ﺪﻘﻧ ﺭﺩ ﯽﺑﺎﯿﺷﺯﺭﺍ ﯼﺎﻫﺭﺎﯿﻌﻣ .۳

.ﺪﯾﺎﻤﻧ ﻦﯾﻭﺪﺗ ﻪﻟﺎﺴﻣ ﻥﺁ ﻞﺣ ﯼﺍﺮﺑ ﯽﺒﯿﮐﺮﺗ ﯼﮊﻮﻟﻭﺪﺘﻣ ﺎﺑ ﯽﺸﻫﻭﮋﭘ ﺡﺮﻃ ﺩﺎﻬﻨﺸﯿﭘ ﮏﯾ ﻭ ﺏﺎﺨﺘﻧﺍ ﺍﺭ ﯽﺸﻫﻭﮋﭘ ﻪﻟﺎﺴﻣ ﮏﯾ .۴ .ﺪﯾﺎﻤﻧ ﺪﻘﻧ ﺍﺭ ﻥﺁ ﻭ ﺏﺎﺨﺘﻧﺍ ﮏﯾ ﺢﻄﺳ ﺕﻼﺠﻣ ﺭﺩ ﻩﺪﺷ ﺮﺸﺘﻨﻣ ﯽﺒﯿﮐﺮﺗ ﯼﮊﻮﻟﻭﺪﺘﻣ ﺎﺑ ﻪﻟﺎﻘﻣ ﮏﯾ .۵

**ﺲﯾﺭﺪﺗ ﯼﺎﻫ ﻩﻮﯿﺷ** ﺪﻘﻧ ﺮﺑ ﯽﻨﺘﺒﻣ ﯼﺮﯿﮔﺩﺎﯾ  ﺮﺑ ﯽﻨﺘﺒﻣ ﯼﺮﯿﮔﺩﺎﯾ  ﺦﺳﺎﭘ ﻭ ﺶﺳﺮﭘ  ﻩﺪﺷ ﯼﺰﯾﺭ ﻪﻣﺎﻧﺮﺑ ﯽﻧﺍﺮﻨﺨﺳ ﯽﻧﺍﺮﻨﺨﺳ 

ﻩﮊﻭﺮﭘ

**ﺱﻮﮑﻌﻣ ﺲﯾﺭﺪﺗ** ﺮﺑ ﯽﻨﺘﺒﻣ ﯼﺮﯿﮔﺩﺎﯾ ﻦﯾﺮﻤﺗ

ﻢﯿﺗ ﺮﺑ ﯽﻨﺘﺒﻣ ﯼﺮﯿﮔﺩﺎﯾ (TBL)

ﻞﺣ ﺮﺑ ﯽﻨﺘﺒﻣ ﯼﺮﯿﮔﺩﺎﯾ ﯽﻫﻭﺮﮔ ﺚﺤﺑ (PBL)ﻪﻟﺎﺴﻣ

**(ﺪﯿﻫﺩ ﺡﺮﺷ ﺎﻔﻄﻟ)ﻮﺠﺸﻧﺍﺩ ﻒﯿﻟﺎﮑﺗ ﻭ ﻒﯾﺎﻇﻭ :ﯽﺷﺯﻮﻣﺁ ﮏﻤﮐ ﻞﯾﺎﺳﻭ**

ﯼﺯﺎﺳﺭﺍﺰﺑﺍ ﻭ ﯽﺒﯿﮐﺮﺗ ﺕﺎﻌﻟﺎﻄﻣ ﺪﻘﻧ ﯼﺎﻫ ﺖﺴﯿﻟ ﮏﭼ ﺮﺗﻮﯿﭙﻣﺎﮐ ﺪﯾﻼﺳﺍ ﺭﻮﺘﮐﮊﻭﺮﭘ ﭻﮔ ﻭ ﻪﺘﺨﺗ ﺩﺮﺑ ﺖﯾﺍﻭ **(ﻞﮐ ﻩﺮﻤﻧ ﺯﺍ) : ﻩﺮﻤﻧ ﺪﺻﺭﺩ ﻭ ﯽﺑﺎﯿﺷﺯﺭﺍ ﻩﻮﺤﻧ**

ﻩﺮﻤﻧ ﺪﺻﺭﺩ ۳۵ ﻡﺮﺗ ﻥﺎﯾﺎﭘ ﻥﻮﻣﺯﺁ ﻩﺮﻤﻧ ﺪﺻﺭﺩ۳۰ ﻡﺮﺗ ﻥﺎﯿﻣ ﯼﺎﻫ ﻥﻮﻣﺯﺁ ﻩﺮﻤﻧ ﺪﺻﺭﺩ ۱۰ ﺱﻼﮐ ﺭﺩ ﻝﺎﻌﻓ ﺖﮐﺮﺷ ﻩﺮﻤﻧ ﺪﺻﺭﺩ ۲۵ ﻒﯿﻟﺎﮑﺗ ﻡﺎﺠﻧﺍ

**ﻥﻮﻣﺯﺁ ﻉﻮﻧ** ﻂﻠﻏ– ﺢﯿﺤﺻ ﯽﻧﺩﺮﮐ ﺭﻮﺟ ﯼﺍ ﻪﻨﯾﺰﮔ ﺪﻨﭼ  ﻩﺎﺗﻮﮐ ﺦﺳﺎﭘ ﯽﺤﯾﺮﺸﺗ

**:ﻊﺑﺎﻨﻣ ﺖﺳﺮﻬﻓ** A. Tashakkori & C. Teddlie (Eds.), Handbook of mixed methods in social and behavioral research (pp .(٣١٩-٢٩٧.Thousand Oaks, CA: Sage.

Scale Devellis RF. Scale (2016). Development Theory and Applications.4th Edition.

Polit D.F.,Yang F.M.Measurement and the Measurement of Change. Wolters Kluwer.

Tashakkori, A., & Teddlie, C. (1998). Mixed methodology: Combining qualitative and quantitative approaches. Thousand Oaks, CA: Sage.

Tashakkori, A., & Teddlie, C. (2003). Handbook of mixed methods in social & behavioral research. Thousand Oaks, CA: Sage.

Teddlie, C., & Tashakkori, A. (2003). Major issues and controversies in the use of mixed methods in the social and behavioral sciences. In A. Tashakkori & C. Teddlie (Eds.), Handbook of mixed methods in social& behavioral research (pp. 3-50). Thousand Oaks, CA: Sage.

Teddlie, C., & Tashakkori, A. (2006). A general typology of research designs featuring mixed methods. Research in the Schools, 13(1), 12-28.

Teddlie, C., & Yu, F. (2006). Mixed methods sampling: A typology with examples. Journal of Mixed Methods Research, 1: 77-100.

Tashakkori, A. Creswell, J. W. The New Era of Mixed Methods, Journal of Mixed Methods Research, 2007: 1: 3

Tashakkori, A. Exploring the Nature of Research Questions in Mixed Methods Research, Journal of Mixed Methods Research Volume, 2007, 1 Number 3 July: 207-211

Tashakkori, A., & Teddlie, C. (2003). Issues and dilemmas in teaching research methods courses in social and behavioural sciences: US perspective. International Journal of Social Research Methodology, 6(1), 61–77.

Tashakkori, A., Developing Publishable Mixed Methods Manuscripts, Journal of Mixed Methods Research Volume 1 Number 2 April 2007 107-111

Teddlie, C., & Tashakkori, A. (2012). Common “Core” Characteristics of Mixed Methods Research. American Behavioral Scientist, 56(6), 774–788.

JW Creswell. Educational research: Planning, conducting, and evaluating quantitative, 2002 - Prentice Hall Upper Saddle River…

JW Creswell, JD Creswell. Research design: Qualitative, quantitative, and mixed methods approaches, 2017, Sage publications

Zamanzadeh V., Ghahramanian A., Rassouli M., Abbaszadeh A. Design and implementation content validity study: development of an instrument for measuring patient-centered communication, Journal of caring sciences 4 (2), 165

Zamanzadeh A., Rassouli R., Abbaszadeh A., Alavi-Majd H., Nikanfar A., Ghahramanian A., Details of content validity and objectifying it in instrument development, Nursing Practice Today 1 (3), 163-171

Carolyn F. Waltz, Ora Lea Strickland, Elizabeth R. Lenz, Measurement in Nursing and Health Research, Fifth Edition, Springer