BIOSTATISTIC

FINAL EXAM WATEEN BATCH

إعداد:



1)	+Reject the null while it is false?	
a. A co	rrect decision	
b. Nor	ne of the above is correct	
c. Typ	e II Error (Beta Error)	
d. Typ	e I error (Alpha Error)	
e. Pov	ver of the study	
		Answer: A
2)	Reject the null while it is true?	
a. Non	e of the above is correct	
b. Typ	e II Error (Beta Error)	
c. Typ	e I error (Alpha Error)	
d. A co	prrect decision	
e. Pov	ver of the study	Answer: C
3)	One statement is not correct regarding the chi-square validity?	
a. Non	e of the expected numbers should be less than 1	
b. if th	e overall total is less than 40 all the expected values should be at least 5	
c. No	cell zero	
d. less	than 20% of expected numbers be less than 1	
e. The	total number should be more than 40	
		Answer: D
4)	The mode is?	
a. The	values that occurs most often in a set of data	
b. The	difference between the largest and the smallest value of observations.	
c. It is	the sum of all observation divided by number of observations	
d. It is	the middle value in an ordered array data	
e. It is	the middle value in a set of data	



5		he black children are aging 4, 2,	are bitten by rats. The white children 5, 3, 2, 4, and 1 years. Based on this	are aging
a. Th	e range of ages for the bla	ack children is twice for the white	e children.	
b. Th	e range of ages for the bla	ack and white children cannot be	e compared	
c. Th	e range of ages for the bla	ck children is greater than that f	or the white children.	
d. Th	e range of ages for the bla	ack is smaller than that for the w	hite children.	
e. Th	e range of ages for the bla	nck children equals that for the w	vhite children.	
				Answer: C
6) Which of the following	is a non-probability sample?		7 WIGWOIT C
a. Sy	stematic sample			
b. clu	uster sample			
c. Str	ratified random sample			
d. Sir	mple random sample			
e. Co	nvenient sample			Answer: E
7) In two tailed t-test at a	= 0.01, and total subjects = 29. 1	The critical t value is?	
a. 2.7	6	b. 1.70	c. 3.46	
d. 1.9	96	e. 2.05		
				Answer: A
8) The Z-score correspond	ling to the 89th percentile is?		
a. 2.4	4	b. 0.48	c.1.23	
d. 1.0	05	e. 0.88		
				Answer: C
9) Which of the following	is a necessary condition for a sai	mple to be random?	
a. Eve	ery person in the population	on has the same likelihood of be	ing included in the sample.	
b. Th	e characteristics of the sa	mple are the same as the charac	teristics of the population.	
c. Th	e choice of the method of	selecting individuals from the pe	opulation is governed entirely by chan	ce.
d. Ch	oosing the persons who a	re close to us		
e. Pr	oportions of various group	os selected are equal to correspo	onding proportions in the population.	Answer: A
1	0) In a normal distribution falls?	with mean 40 and variance 16,	at what percentile rank does a score o	of 50
a. 50	.85%	b. 12.44%	c. 82.57%	So # 4 M

e. 99.38%

a.

a.

a.

d. 49.18%

Answer: E

11) True statement concerning	g the chi-square test	included all the following Except?	
a. Chi-square is usually upper one-s	sided test		
b. Degree of freedom depended o	n number of columns	s and number of rows	
c. The tabulated value depends on	the degree of freedo	om	
cl. Chi-square test depends on bot	h the observed and t	the expected values of each cell	
e. Chi-square test used for continu	ious data		
			Answer: E
12) Normal distribution curve i	is a type of?		
a. Bar Graph			
b. Line Graph			
c. Frequency polygon (Histogram)			
d. Scatter Diagram			
e. Pie Chart			
			Answer: C
13) Accept the null hypothesis	while it is true?		
a. A correct decision			
b. Type I error (Alpha Error)			
c. None of the above is correct			
d. Type II Error (Beta Error)			
e. Power of the study			
			Answer: A
14) In assessment of Intelligenthan 60 of the total childre	·	rimary school children, one child ha ntile rank of this child?	d a score greater
a. Can't be calculated	b. 25 th	c. 90th	
d. 44 th	e. 75th		Anguaga D
			Answer: B
15) The best graphical present	ation of the COVID-1	9 in Jordan in the past 5 months is?	
a. Line graph			
b. Histogram			
c. Frequency polygon			
d. Pie chart			

e. Bar graph

16) For a symmetrical d	istribution, the mean and me	dian are?	
a. Equals			
b. Insufficient information	to decide		
c. Preset at equal distances	on opposite sides of the mod	le	
d. Always different			
e. Possibly the same. possib	oly different		
			Answer: A
17) Concerning the chi-	square test one statement is	not true?	
a. The degree of freedom is	(c-l) X (r-1)		
b. Applied in qualitative da	ta		
c. It is used when we have	more than two groups of the	population	
d. Can be applied when we	have proportion rate alone		
e. It is used when we have	two groups of the population		
			Answer: D
•	l of significance or a=0.05, an =78. So, the p-value is?	d two-sided test. The Calculated \	/alue (t) = 1.78, and
a. P less than 0.05 and more	e than 0.020		
b. P less than 0.05 and mor	e than 0.010		
c. P less than 0.001			
d. P less than 0.100 and mo	ore than 0.050		
e. P = 0.010			Answer: D
19) When using an alph	a level of 0.05 then the test c	onsidered statistically significant	if?
a. p less than 0.04	b. p = 0.06	c. p less than 0.1	
d. p more than 0.05	e. p = 0.21		
			Answer: A
20) In 4x4 contingency	table the degree of freedom f	or applying a chi square is?	
a. 1	b. 8	c. 4	
d. 9	e. 16		

الطبُّالْجُراحَة

22) In assessment of Intelligence Quotient of 360 primary school children, one child had a score greater than 90 of the total children. What is the percentile rank of this child? a. 90 th b. 25 th c. 10th d. 5 th e. 75th Answer: 23) In Chi-square test, the tabulated chi-square value (critical value) depends on? a. The product of (c-1) and (r-1) b. level of a and df c. The designated level of a d. The difference between 0 and E e. The expected value for each cell Answer: 24) The null hypothesis will be rejected if? a. The expected value for each column is equal to the expected value of the corresponding row b. The difference between the observed and expected values for each cell is large c. The observed value for each cell is equal to zero d. The difference between the observed and expected value for each cell is small	n 30 and variance 25, at what percentile rank does a score of 42	21) In a normal distribution falls?
c. 49.18% d. 50.33% e. 99.18% Answer: 22) In assessment of Intelligence Quotient of 360 primary school children, one child had a score greater than 90 of the total children. What is the percentile rank of this child? a. 90th b. 25th c. 10th d. 5th e. 75th Answer: 23) In Chi-square test, the tabulated chi-square value (critical value) depends on? a. The product of (c-1) and (r-1) b. level of a and df c. The designated level of a d. The difference between 0 and E e. The expected value for each cell Answer: 24) The null hypothesis will be rejected if? a. The expected value for each column is equal to the expected value of the corresponding row b. The difference between the observed and expected values for each cell is large c. The observed value for each cell is equal to zero d. The difference between the observed and expected value for each cell is small e. The expected values in all the cells are equal Answer: 25) Gaussian distribution is characterized by all of the following except? a. The mean, mode and median values are coinciding		a. 15.82%
e. 99.18% Answer: 22) In assessment of Intelligence Quotient of 360 primary school children, one child had a score greater than 90 of the total children. What is the percentile rank of this child? a. 90th b. 25th c. 10th d. 5th e. 75th Answer: 23) In Chi-square test, the tabulated chi-square value (critical value) depends on? a. The product of (c-1) and (r-1) b. level of a and df c. The designated level of a d. The difference between 0 and E e. The expected value for each cell Answer: 24) The null hypothesis will be rejected if? a. The expected value for each column is equal to the expected value of the corresponding row b. The difference between the observed and expected values for each cell is large c. The observed value for each cell is equal to zero d. The difference between the observed and expected value for each cell is small e. The expected values in all the cells are equal Answer: 25) Gaussian distribution is characterized by all of the following except? a. The mean, mode and median values are coinciding		b. 82%
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e. The expected values in all the cells are equal 25) Gaussian distribution is characterized by all of the following except? a. The mean, mode and median values are coinciding	al to zero	c. The observed value for each
25) Gaussian distribution is characterized by all of the following except? a. The mean, mode and median values are coinciding	and expected value for each cell is small	d. The difference between the
a. The mean, mode and median values are coinciding	equal Answer: B	e. The expected values in all th
	zed by all of the following except?	25) Gaussian distribution is
b. It is a bell-shaped continuous curve	e coinciding	a. The mean, mode and media
		b. It is a bell-shaped continuou
c. The tails never touch the base		c. The tails never touch the bas
d. It is described by two parameters: the mean and standard deviations	nean and standard deviations	d. It is described by two param
e. About 2/3 of the probability under the curve fall within two standard deviations around the mean	curve fall within two standard deviations around the mean	e. About 2/3 of the probability

Answer: E

- 26) In one city five white children and seven black children are bitten by rats. The white children are aging 3, 6, 4, 5, and 3 years The black children are aging 4, 2, 5, 3, 2, 4, and 1 years. Based on this information, it can be determined that?
- a. The means age for black children is equal to that for white children.
- b. The mean age for black children is less than that for white children.
- c. The mean age for the white children cannot be calculated.
- d. The mean age for black children and for white children cannot be calculated
- e. The mean age for black children is more than that for white children

Answer: B

- 27) Accept the null while it is false?
- a. Type II Error (Beta Error)
- b. Type I error (Alpha Error)
- c. A correct decision
- d. Power ofthe study
- e. None of the above is correct

Answer: A

- 28) If the size of the sample being used to assess Blood Pressure at Al-Karak is increased then the width of a 0.95 confidence interval estimate of the mean of blood pressure for the Al-Karak population will?
- a. There is no relation between the size of the sampled and the confidence interval
- b. Become narrower
- c. Not be changed.
- d. Become wider.
- e. The effect on the width cannot be determined from the given information

Answer: B

- 29) On the same test, Sara scored at the 95th percentile, and Dina scored at the 87th. This means that?
- a. Sara is 8% better than Dina
- b. Sara scored 8 more points than Dina
- c. There were only 8 people smarter than both Sara and Dina.
- d. 8% of those taking the test got scores ranging between Sara's and Dina's.
- e. Dina is 8% better than Sara.



30)	Given that a distribution with a standard Z score		rd deviation of 4, what score will be a	associated
a. 40		b. 38	c. 32	
d. 42		e. 26		
				Answer: A
31)	Which of the following	statements is correct in the chi-	square test about hypothesis testing?	1
a. One	not reject the alternate	hypothesis when there is no sign	nificant difference	
b. Null	hypothesis is using pro	portion one is equal proportion t	wo	
c. the a	alternate hypothesis is ¡	proportion one is equal proportio	on two	
d. Null	hypothesis is using pro	portion one is not equal proporti	on two	
e. Null	hypothesis is mean one	e equal mean two		
				Answer: B
32)	after 4 hours of Panad	-	s before (40,40,37,38,39,39,38,38,39, 37.37.38,38,37,37), Respectively. (Assi). The Calculated Value (t) is?	· ·
a. 5.1		b. 6.6	c. 1.2	
d. 3.2		e. 2.7		Answer: E
				Allswer. E
33)	A distribution which ha	ave more than one point of conc	entration is called?	
a. Symr	metrical	b. Multi-modal	c. Negatively skewed	
d. Little	e Kurtosis	e. Positively skewed		Answer: B
34)	(cm). And we know the cm, standard deviation	e following information for Indianness. n = 5. And forJordanian women: something that: level of significations.	nan Jordanian women according to the n women: sample size = 60, mean heig sample size = 50, mean height = 170 c ance or a=0.05, and two-sided test). T	ght = 180 m.
a. 10.5				
b. 7.2				
c. 12.4				
d. 6.3				
e. 3.8				- 00
			Answer: C	لطُبُّ الجِراحَة جــنـــ أ

35) A Simple random sample IS one	e where		
a. you use the random digit			
b. you apply a pre define system			
c. you decide a sample size and sample	e proportionately from the	e population	
d. you have to categorize the area into	sectors		
e. you choose each item with no regar	d to previous choices		
			Answer: A
36) In a group of 100 children their the following is true?	mean weight is 15 kg. Th	e standard deviation is :1.5 kg. Which one o	of
a. 99% of all children weight between 1	12 and 18 kg		
b. 68% of all children weight between	12and 18.5kg		
c. 95% of all children weight between	12 and 18 kg		
cl. 95% of all children weight between	13.5- and 16.5kg		
e. 99% of all children weigh between 1	.3.5 and 16.5kg		
		An	swer: C
		vel measurements of the population at Also of people at Mu'tah district comprise?	
a. parameters	b. a statistic	c. a sample	
d. an element	e. a population		
			Answer: C
38) Out of 7 births in a hospital, 3 k value does 2.25 represent?	pabies weighed over 2.25	kg and 3 weighed less than 2.25 kg. What	
a. Standard Error	b. Mode	c. Mean	
cl. Standard Deviation	e. Median		
		Ans	swer: E
•	•	ystolic blood pressure equal to 120 mmHg, e ranks of a teacher whose blood pressure	
a. 84th			
b. 3rd			
c. Can't be calculated			
d. 20th			

e. 65th

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40) What percent of cases variance 4?	are likely to be between 86 and 93 i	in a normal distribution with m	iean 87 and
a. 30.72%	b. 72.02%	c. 49.87%	
d. 69.01%	e. 30.85%		Answer: D
41) The standard error of	the mean is affected by?		
a. Median of the data	b. Mean of the da	ta	
c. population size	d. type of the sam	nple	
e. Sample size			
			Answer: E
42) Linear representation	of frequency distribution obtained b	yjoining the midpoint of class	intervals is:
a.Bar chart			
b. Frequency distribution tabl	e		
c. Pie chart			
d. Frequency polygon			
e. Histogram			
			Answer: D
43) When we accept the r	null hypothesis; (at level of significand	ce = 0.05) this means that?	
a. p less than 0.005	b. p more than 0.100		
c. p less than 0.010	d. p less than 0.030		
e. p more than 0.003			
			Answer: B
44) Which is INCORRECT s	tatement regarding the standard no	rmal distribution?	
a. Standard normal distributio	n may be not symmetrical		
b. Standard normal distribution	on have a graph and equation		
c. Mean equal to zero			
d. Standard deviation equal to)1		
e. For a distribution to be nor of the standard deviation	mal, a certain proportion of the entir	re area must occur between sp	ecific values
			Answer: A
45) A distribution with a ta	ail that goes to the left is called?		
a. Negatively skewed	b. Multi-modal	c. Symmetrical	
d. Little Kurtosis	e. Positively skewed		الطنبُ الجراحة ح

46) The percent of area of	normal curve between 2 = -0.93	7 and the mean is?	
a. 61.79 %	b. 50.33 %	c. 11.79 %	
cl. 33.40%	e. Can't be calculated		Answer: D
47) testing the hypothesis,	, it is important to know the foll	owing except?	
a. Level of significance			
b. Type of the test of significar	nce		
c. Degree of freedom			
d. Type of the data that we ha	ve		
e. Type of the Sample			
			Answer: E
48) In a group of 100 child Which one of the follo		n is 15 kg. The standard deviation is 1.5	kg.
a. 95% of all children weight be	etween 13.5 and 16.5kg		
b. 95% of all children weight b	etween 10.5 and 19.5 kg		
c. 99% of all children weight b	etween 13.5 and 16.5kg		
d. 99% of all children weight b	etween 12 and 18 kg		
e. 95% of all children weight b	etween 12 and 18 kg		
			Answer: E
•	The black children are aging 4,	n are bitten by rats. The white children a 2, 5, 3, 2, 4, and 1 years. Based on this	re aging
a. The median age for black ch	ildren equals that for white child	dren	
b. The median age for the blac	ck is smaller than that for the wl	hite children	
c. The median age for black ch	ildren is greater than that for w	hite children.	
d. The median age for the blac	ck and white children cannot be	compared	
e. The median age for black ch	nildren is twice for white childre	n.	Answer: B
50) Characteristics of a po	pulation are called _, while thos	se of a sample are termed ?	
a. Statistics; variables			
b. Statistics; measures			
c. Statistics; parameters			

Answer: E

d. Variables: measures

e. Parameters; statistics

51) A population is?			
a. a subset of a population			
b. a subset of a sample			
c. a number or measurements collecte	ed as a result of observation		
d. a complete set of individuals. object	ts. or measurements having sor	me common observable charact	eristics
e. a characteristic of a population which	ch is measurable		
			Answer: D
52) A (simple) random sample is de	efined by?		
a. quantity of selection			
b. the method of selection			
c. duration of selection			
d. its degree of resemblance to the po	pulation		
e. outcome of selection			
			Answer: B
53) What percent of the area of a	distribution lies between the fir	rst and third Quartiles?	
a. 50			
b. 75			
c. The question can't be answered wit	hout knowledge of the specific	distribution	
d. 68			
e. 25			
			Answer: A
54) The state or quality of flatness	or peakedness of a distribution	n called?	
a. Symmetrical	b. Kurtosis	c. Positively skewed	
d. Negatively skewed	e. Multimodal		
			Answer: B
55) Gaussian distribution are chara	acterized by all of the following	EXCEPT?	
a. It is described by two parameters: the	ne mean and standard deviation	ns	
b. It is bell shaped, continuous curve			
c. The tails never touch the base			
d. The mean, mode and the median va	alues are equal to one		
e. About 68% of the probability under	the curve falls within one stand	dard deviation around the mear	
		Answer: D	لجنتة

mean blood s population. T	sugar of adults in AlKarak gove The sample size = 81 adults, the	adults in Jordan is 120 (u), and we war rnorate is the same or different from t eir arithmetic mean of blood sugar = 13 nificance or 3:005, and two- sided test)	the Jordanian 24 and standard
a. 3.22	b. 1.55	c. 4.15	
d. 2.50	e. 2.00		
			Answer: E
	eight of each of the 15 babies briation of this sample will be?	oorn in a hospital in a day is found to b	e 2.55 kg. then the
a. 0	b. 0.28	c. 3.8	
d. 2.8	e. 1		
			Answer: A
58) A distribution	n is relatively flat in the middle	and has thin tail: it has?	
a. Large Kurtosis			
b. Positive skewness			
c. Multi-modal			
d. Negative skewnes	s		
e. Little Kurtosis			
			Answer: E
59) Discrete varia	able is?		
a. Its value is not nec	essarily limited to the set of in	tegers	
b. Its value is limited	to the set of integers		
c. There is no interru	ption between values		
d. To be presented d	liagrammatically by histogram		
e. not a real number	S		
			Answer: B
60) All the follow	ring are true about the p-value	EXCEPT?	
a. It is a calculated pr	obability of chance factor		
b. All statistical signi	ficance tests should consider p	-value	
c. It is reflecting the	sampling error		
d. It is the probabilit	y of the influencing factor		
e. If it is small conve	ntionally less than 0.05 H0 is re	ejected as implausible.	* 19

Answer: D

- 61) A random sample is used to?
- a. Make the sample representative to the population
- b. Be suitable for an inferential test
- c. Minimize the cost of a study
- d. Eliminate a selection of bias
- e. Give every member in the population the same probability of selection

- 62) Instead of having a sample scattered over the entire coverage area, the sample is more localized in relatively few centers". This is the main advantage of?
- a. Simple random sample
- b. Convenient sampling
- c. Cluster random sample
- d. Stratified random sample
- e. Systematic random sample

Answer: C

- 63) which is INCORECT Statement about the symmetrical distribution
- a. If the tail goes to the left, the distribution is skewed to the right and is positively skewed
- b. If a distribution is asymmetrical it is considered to be skewed
- c. The symmetry of variation is indicated by skewness
- d. The tail of a distribution indicates the type of skewness
- e. A symmetrical distribution has no skewness
 - 64) One statement is INCORRECT for the assumption of paired t test?

Answer: A

- a. The data are categorical
- b. Randomization of the sample
- c. The data are continuous
- d. Dependency of the sample
- e. Normal distribution of the population of the sample

Answer: A

- 65) 1 minus probability of type II error?
- a. Type II Error (Beta Error)

b. A correct decision

c. Type I error (Alpha Error)

d. Power of the study

e. None of the above is correct



66) Given that a distribut with a standard 2 sco		d deviation of 4, what score will be a	ssociated
a. 42	b. 40	c. 26	
d. 32	e. 38		
67) Gaussian distribution	are characterized by all of the follo	wing EXCEPT?	Answer: E
a. The mean equal one and th	ne standard deviation equal zero		
b. It is bell shaped, continuou	us curve		
c. The tails never touch the b	ase		
d. About 95% of the probabil	ity under the curve fall within two s	tandard deviation around the mean	
e. It is described by two para	meters: the mean and standard dev	viations	
			Answer: A
68) The sum of all values	of an observed data divided by num	nber of observation in that data is te	rmed?
a. Mean	b. Stander Deviation	c. Median	
d. Mode	e. Stander deviation		
			Answer: A
69) One statement is inco	orrect for assumption in one sample	t test?	7 11 10 11 01 17 1
a. Normality distribution of th	ne population of the sample closed		
b. Independency of the sample	le		
c. Randomization of the samp	ole		
d. None of the above			
e. Dependency of the sample			Answer: E
			Allower. L
70) Standard deviation of	f the sampling distribution of averag	ges (means) called?	
a. Variance	b. Standard deviation	c. Sample size	
d. Standard Error	e. Sampling probability		
			Answer: D
71) If we want to cover 9	9% of the population under the nor	mal distribution curve we have to?	
a. Move one S.D above and o	ne 5.0 below the mean		
b. Move 2.58 SE above and 2	.58 SE below the mean		
c. Move 1.96 SD above and 1	.96 SD below the mean		
d. Move 2.58 SD above and 2	58 50 below the mean		
e. Shift 2 SD above and 2 5.0	below the mean	Answer: B	الطُبُّ الجراحة

72) Assume that the test scores of 500 students are normally distributed with a mean of 80 and a standard deviation of 4. The number of students scoring between 86 and 82? Select one: a. Can't be calculated b. 121

c. 146

d. 155

e. 228

Answer: B

73) The black children are aging 4, 2, 5 3, 2, 4, and 1 years. Based on this information, it can be determined that?

Select one:

- a. There is no mode in the age of black and white children
- b. The age in black children is unimodal while in white children is bimodal
- c. The age in black children is bimodal and also in the white children
- d. The age in both black and white children is unimodal
- e. The age in black children is bimodal and in the white children is unimodal

Answer: E

74) If alpha level (a) set to be 0.01 then the test considered to be statistically not significant when?

Select one:

a. p = 0.005

b. p = 0.007

c. p = 0.001

d. p = 0.000

e. p = 0.013

Answer: E



75- The following table shows the distribution of infants attending a primary health care center in one month according to height and sex. The types of observations in this table are?

Height (cm)	SEX		
rieight (cm)	Male	Female	
50 - 59	10	15	
60 - 69	5	20	
70 - 79	15	5	
80 - 90	20	10	

Select one:

- a. Both variables are quantitative discrete data
- b. Both variables are qualitative ordinal data
- c. Age is a quantitative continuous variable and sex is nominal
- d. Both variables are quantitative continuous data
- e. Age is a quantitative variable and sex is a qualitative ordinal variable

Answer: C

76- The following table presents the distribution of women according to the care received during pregnancy and thecomplications experienced during delivery, The expected value for women who did not receive care and experienced complications during delivery is equal to?

Care received —	Compl	T-1-1	
	Present	Absent	Total
No	50	90	140
Yes	20	140	160
Total	70	230	300

Select one:

a. (70 y 230)/300

b. (70 x 140)/300

c. (50 x 20)/70

d. (50 x 70)/ 300

e. (50 x 70)/ 240



Answer: B

77- The following table presents the distribution of 1000 women suffering from cystitis according to the prescribed antibiotic therapy as well as the treatment outcome The expected value for those who have been cured by amoxicillin is?

Treatment	Prescribed antibiotic			
outcome	TMP-SMX	Amoxicilli n	Cyclacillin	Total
Cured	110	60	130	300
Improved	105	150	210	465
Not cured	35	90	110	235
Total	250	300	450	1000

Select one:

a. 18

b. 60

c. 90

d. 70.5

e. 139.5

Answer:C

78- The following table presents the distribution of 1000 women suffering from cystitis according to the prescribed antibiotic therapy as well as the treatment outcome. The degree of freedom of the test statistics is?

Treatment	Prescribed antibiotic			
outcome	TMP-SMX	Amoxicilli n	Cyclacillin	Total
Cured	110	60	130	300
Improved	105	150	210	465
Not cured	35	90	110	235
Total	250	300	450	1000

Select one:

a. 997

b. a

c. 4

d. 991

e. 6



Answer:C

79- A sample of 150 will be selected to represent the population of 5000 subjects in the following table, using the method of proportional allocation. The number of university graduates in the sample will be equal to?

Educational level	Frequency
Illiterate	1800
School education	1700
University graduate	1500
Total	5000

Select one:

- a. 60
- b. 45
- c. 50
- d. 26
- e. 10

Answer:B

80- A sample of 150 will be selected to represent the population of 5000 subjects in the following table, using the method of proportional allocation. The sampling method is:

Educational level	Frequency
Illiterate	1800
School education	1700
University graduate	1500
Total	5000

Select one:

- a. Multistage sample
- b. Stratified random sample
- c. Cluster sample
- d. Systematic random sample
- e. Simple random sample



Answer:B