## TELANGANA UNIVERSITY S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029) II SEMESTER INTERNAL ASSESSMENT I EXAMINATIONS BUSINESS STATISTICS QUESTION BANK

 I. Choose the correct Ans	swers.						
1. Sum of dots when two	Sum of dots when two dice are rolled is [a						
a) a discrete variable b) a continuous variable c) a d				d) a qua	litative varia	able	
2. The weights of students in a college/school is a						[b]	
a) Discrete Variable	le c) Qı	c) Qualitative Variable d) None of the			hese		
3. The number of accider	nts in a city during 201	0 is				[a]	
a. Discrete variable	Discrete variable b) Continuous variab		c) Qualitative variab		le d) Constant		
4. Which of these repres	ent qualitative data		-,		- /	[b]	
a) Height of a student		b) Liking or	disliking of (500)	persons of	of a product		
c) Income of a governme	Income of a government servant in a city d) Yield from a wheat plot						
5. Life of a TV picture tube is a [b]							
) Discrete variable b) Continuous varia		s variable	le c) Qualitative variak		d) Co	onstant	
. The "rst hand and unorganized form of data is called					[c]		
a) Secondary data	c) Primarv dat	c) Primary data d) I		hese			
7. The data which have already been collected by someone are called						[c]	
a) Raw data b) Array data c) Secondary data					d) Fictitious data		
8. Census reports used as	s a source of data is		-,,		,	[b]	
a) Primary source	b) secondary	source	c) Organized o	data c	d) None		
9. The grouped data is al	so called		-, - 0		,	[c]	
a) Raw data	b) Primarv da	ta	c) Secondary (	data d	d) Qualitativ	ve data	
, 10. Primary data and dat	0. Primary data and data are same				[c]		
a) Grouped	b) Secondary data			c) Ungrouped d) No		hese	
11. The sum of deviations taken from mean is			, , ,			[a]	
a) Always equal to zero			(b) Some times equal to zero				
c) Never equal to zero			(d) Less than zero				
2. The sum of the squares of the deviations of the values of a variable is least when the deviations are							
measured from	easured from [d]						
(a) Harmonic mean	(b) Geometric mean	(c) №	1edian	(d) Arith	metic mear	י - ר ו	
13. Step deviation method or coding method is used for			or computation of the			[a]	
(a) Arithmetic mean (b) Geometric mean			(c) Weighted mean (d) Har		nonic mean		
14. If the arithmetic mean of 20 values is 10, then sum			of these 20 values is			[c]	
(A) 10 (b) 20 (c) 200 (d) 20+10							
15. Ten families have an	w many boys	ys do they have together?			[d]		
(a) 2 (b) 10 (c) 12 (d) 20							
16. If the arithmetic mean of the two numbers $X_1$ and $X_2$ is 5 if $X_1$ =3, then $X_2$ is						[c]	
(a) 3	(b) 5	(c) 7		(d) 10			
17. When the values in a	series are not of equa	l importance,	, we calculate the	9		[c]	
(a) Arithmetic mean (b) Geometric mean (c) Weighted mean (d) Mode							
18. When all the values in	8. When all the values in a series occur the equal number of times, then it is not possible to calcul						
						[d]	
(a) Arithmetic mean	(b) Geometric mean	(c) H	armonic mean	(d) Weig	ghted mean		
19. The mean for a set of	<sup>-</sup> data obtained by assi	gning each da	ata value a weigh	t that ref	lects its rela	ative	
Importance within the se	et, is called					[c]	
(a) Geometric mean	(b) Harmonic mean	(c) W	/eighted mean	(d) Com	bined mean	Ì	
20. The arithmetic mean	of 10 items is 4 and th	e arithmetic	mean of 5 items	is 10. The	e combined		
arithmetic mean is						[c]	
(a) 4	(b) 5	(c) 6		(d) 90			

- II. Fill in the blanks
- 1. The mean of a distribution is 14 and the standard deviation is 5. What is the value of the coecient of variation <u>35.7%</u>
- 2. The mean of a distribution is 23, the median is 24, and the mode is 25.5. It is most likely that this distribution is <u>Negatively Skewed</u>
- 3. Which of the following describe the middle part of a group of numbers Measure of Central Tendency
- 4. According to the empirical rule, approximately. What percent of the data should lie within 95%
- 5. The sum of the deviations about the mean is always zero
- 6. The middle value of an ordered array of numbers is the median
- 7. Which of the following is not a measure of central tendency standard deviation
- 8. Which of the following divides a group of data into four subgroups <u>quartiles</u>
- 9. If the standard deviation of a population is 9, the population variance is  $\underline{81}$
- 10. If a distribution is abnormally tall and peaked, then is can be said that the distribution is leptokurtic
- 11. Any measure indicating the centre of a set of data, arranged in an increasing or decreasing order of magnitude, is called a measure of <u>Central tendency</u>
- 12 Scores that differ greatly from the measures of central tendency are called extreme scores
- 13. The measure of central tendency listed below is the mean
- 14. The total of all the observations divided by the number of observations is called arithmetic mean
- 15. While computing the arithmetic mean of a frequency distribution, the each value of a class is considered equal to <u>lower limit</u>
- 16. Change of origin and scale is used for calculation of the arithmetic mean
- 17. The sample mean is a statistic
- 18. The population mean ¼ is called parameter
- 19. The arithmetic mean is highly affected by extremely large values
- 20. If a constant value is added to every observation of data, then arithmetic mean is obtained by adding the constant
- III. Short Answers.
- 1. Define statistics?
- 2. Types of statistical methods?
- 3. Define DATa?
- 4. DATA Array?
- 5. Types of tables?
- 6. Measure of centre tendency?
- 7. Relationship between partition values?
- 8. Relationship between mean, median mode?
- 9. Measure of dispersion?
- 10. Define Range?