

Mid Semester Examination

Branch	Date	Sem.		No. / Seat No.	Sub	ject		lent's ature	Junior Supe	rvisor's Name and Sign
CMPN		虹	MSEI		MSEI QA					
Question No.	А	В	С	D	E	F	G	Н	Total	Total out of (20 /30 / 40)
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Examiners Signature	Student's Sign (After receiving the assessed answer sheet)

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gain Insight
la Sturges Rule
i= L-S
1+3-222 log10
710
where i= class interval
L= Largest Frequency S= smallert Frequency
a smallest Frequency

C1 Classes 0-10 10-20 20-30 30-40 40-45	11	lar Ks	Frequency 2 6 5
of Primary Do The data is through person experience 21 It is Rost he data	· Callecteel snal	abread and some	esearcher Second
es Avithmeticme	= 1+3 = 154.		-82+24++720
geometricmeo	= 26.95		X82X241X720

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there people	of snow be of HIV re e will not	y Sampling method ositive people. As be comfortable to wide information [de
De con a	entact the	en through DGO or some social propability Sampling
@ Diverse f	poputation	

44.5 x6 +54.5 x8 +64.5 x12 +74.5 x17 +845x 50 = 3395 mean = 67.9 median class = (N/2) = (50/2) = 25th median class = 60-69 1=60 N/2 - 25 m= 14 1= 12 C= 10 median = 60(25-14) x10 =60+9.166median - 69,1666

9	K=	4.8 =		<u>-5.7</u> :	= 6,,		
	20-26 26-32 32-38 38-44 44-50	20-26	26-32	32-38	38-44	1	5333216
	Masks 0-10 10-20 20-30 20-30 40-50 50-60 60-70 70-87	12 6 9 16 20		12 18 27 43 63 78 86 94 102	102 90 84 75 59	Relative frequent 11.76 5.88 8.82 15.68 19.6 14.7 7.84 7.84 7.84	

year	10	735-39	1946-44		
Diseases	Consi	Death	Ceyes	Pe	
lead polsaning	67.7	132	326		
Anthrax	111	30	109	, ,	
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	Sampling has 2 types Probabitity Sampling Simple Random Sampling every individual has an equal probability of selecting Suppose that are I to N numbers He apply a Random generator Random(R) & for selection
21	Churter Based Sampling The population is divided into churters and then data is callected eq: The division of charter may be based on the basis of eage, gender etr.
. (3)	Systematic Sampling Here: the data is chosen at a regular interval Example: If we have a population of 5000 people every loth individual is choosen for the Sample (5000 500 = 10)

(iv) stoategic Sampling If the population size is very large then a group of population is studied and inference is made from them. This is called strata
De Mon-probability Sampling (1) Convinience Sampling This sampling method is used for the ease of the subjects. The Sampling is done at the mally or Crowded areas or streets
Judgemental Sampling is based on the research ess discrete method For example - who all are interested in doing masters
only those students who are interested in masters are considered (3) Quota Sampling Here the population is divided Into groups based on differences
Here the data is difficult to trace Example: finding out the HIV people