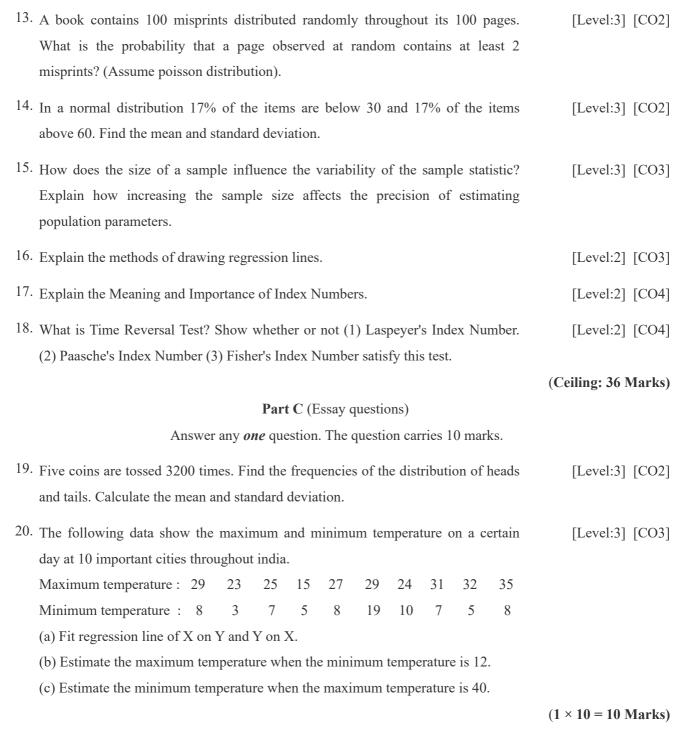
<b>24</b> U	V <b>266</b> (Pages: 2) Name	:	
	Reg. No	o :	
	SECOND SEMESTER UG DEGREE EXAMINATION, AF	PRIL	2025
	(FYUGP)		
CC24UBBA2CJ103 - FOUNDATIONS FOR BUSINESS ANALYTICS			
	(B.B.A Major Course)		
	(2024 Admission - Regular)		
Time	:: 2.0 Hours		Maximum: 70 Marks
			Credit: 4
	Part A (Short answer questions)		
	Answer all questions. Each question carries 3 marks.	,	
1.	If $P(A)=1/13$ , $P(B)=1/4$ and $P(AUB)=4/13$ . Find $P(A \cap B)$ .		[Level:2] [CO1]
2.	A die is thrown. Find the probability (1) an even number (2) '3' or '5' and (3 than 3.	l) less	[Level:2] [CO1]
3.	Define a random variable and explain the difference between a discrete continuous random variable.	e and	[Level:2] [CO2]
4.	Can non-probability sampling be used in all research studies? Why or why no	ot?	[Level:3] [CO3]
5.	Explain the difference between a sample and a population in statistics? Exwith an example.	xplain	[Level:2] [CO3]
6.	Explain positive and negative correlation?		[Level:2] [CO3]
7.	Explain the Effect of Sample Size on Accuracy.		[Level:2] [CO1, CO2, CO3, CO4, CO5]
8.	Explain the term probable error?		[Level:2] [CO3]
9.	Trend equation obtained is $y=21+1.2x$ with 2000= 0. Find the trend equation shifting the origin to 1998.	uation	[Level:2] [CO4]
10.	Index Numbers are specialised averages. Explain.		[Level:2] [CO4] (Ceiling: 24 Marks)
	Part B (Paragraph questions/Problem)		(Coming. 27 Mai No)
Answer <i>all</i> questions. Each question carries 6 marks.			
11			II1.21 [CO11
11.	State benefits and steps involved in Descriptive Analysis?		[Level:2] [CO1]
12.	Define probability and explain the various types of probability		[Level:2] [CO1]



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