SIVA SIVANI DEGREE COLLEGE - KOMPALLY, SECUNDERABAD

B.Sc Data Science - I (A)

Date: 15/04/24 **Day : MONDAY** **Python** **(D Ashwini)**	1) Define function. Explain how to create User Defined function in python with Program. 2) Explain 4 different types of function prototypes with example programs. 3) Explain different types of arguments/parameter with example programs. 4) Explain about Module. what are the ways to import a Module with examples 5) Define String. Explain String Operations ~~and Methods~~ with examples.
Date: 16/04/24 **Day : TUESDAY** **Maths (PSR)**	1) 2) IN CLASS 3) 4) 5)
Date: 17/04/24 **Day: WEDNESDAY** **S/L (Srikanth) 2** **Maths (PSR) 3**	1) वीरुल 2) सिलिया 3) सेना पाठ का सारांश 4) IN CLASS 5)

Word to Word meaning - (1)(2)
Word to Word meaning - (3)(4)
Word to Word meaning - (5)(6)

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B.Sc Data Science - I (A)

Date: 18/04/24 **Day : THRUSDAY** **English (Shebin) 3** **Python (D Ashwini) 2**	1) What is the attitude of the speaker towards the cutting down of the banyan tree? What lines and words in the poem reveal this? 2) What is the significance of the poem 'The Felling of the Banyan Tree'? 3) Summarise the lawyer's attitude and feelings towards humanity at the end of his fifteen years of confinement? 4) Explain different types of String methods with examples. 5) Explain Spliting and Joining a String. Write a program to sort words of a given string entered by the user.
Date: 12/04/24 **Day : FRIDAY** **BCS (B Santhsoh)**	1) Explain Block diagram of a Computer. 2) Explain I/O devices of a Computer 3) What is OS? Explain functions of OS. 4) Explain word processing feature 5) Explain Memory in detail
Date: 13/04/24 **Day : SATURDAY** **Stats (YAR)**	1) Define Normal Distribution. write it's properties. 2) Define m.g.f of Normal Distribution. 3) ~~what~~ write c.f of Normal Distribution. 4) show that event moments are existed in N.D 5) Write Mean, Median, Mode Values of N.D

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B.Sc I CSE

Date: 15/04/24 **Day : MONDAY** **English(David) 2** **BCS (PS RAVIKUMAR) 3**	1) What do you think is the Central theme of the poem? How are the two stanzas related to this theme? (A Different History) 2) What do you think the title of the Poem means? How does it connects to the poem? 3) Explain table handling in MS-Word and different types of cell referencing in MS-Excel with examples 4) Discuss about formula and function in Excel. Explain various types of functions with syntax and example 5) what is a network? Explain different types of networks in detail
Date: 16/04/24 **Day : TUESDAY** **S/L (Omprakash) - 3 Maths** **(P Krishna Reddy)**	1) भौतिकशास्त्र (1) & (2) 2) भौतिकशास्त्र (3) & (4) 3) भौतिकशास्त्र (5) & (6) 4) 5) 1. दो दल 2. सिलिया 3) सेवा } पाठ का सारांश In class
Date: 17/04/24 **Day: WEDNESDAY** **Python** **(G Venkatesh)**	1) Define Function. Explain how functions are defined and called. 2) Explain Different types of arguments. 3) pass by value and pass by reference with programs. 4) Explain about return statement 5) Recursive functions with program

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Date: 18/04/24 **Day : THRUSDAY** **Maths** **(P Krishna Reddy)**	1) 2) 3) In class 4) 5)
Date: 12/04/24 **Day : FRIDAY** **Stats (Shiva Prasad)**	1) Explain Concepts of population, parameter, random sample, statistic, sampling distribution 2) Define 't', F distribution. State the properties and application of 't' & F 3) Define χ^2 distribution. State the properties and application of χ^2 4) Criteria of good estimator - Consistency, unbaisedness with Examples. 5) Criteria of good estimator - Efficiency, Sufficiency with Examples.
Date: 13/04/24 **Day : SATURDAY** **Comp Org** **(B Santhosh)**	1) Explain about Address Sequencing in Control Memory. 2) Explain MRI & non-MRI in detail. 3) Explain about Asynchronous data transfer 4) Explain Modes of transfer 5) Explain DMA.

SIVA SIVANI DEGREE COLLEGE - KOMPALLY, SECUNDERABAD

B.Sc Ramanujan - I

Date: 15/04/24 **Day : MONDAY** **Maths (PSR)**	1) 2) 3) 4) IN CLASS 5)
Date: 16/04/24 **Day : TUESDAY** **Stats (YAR)**	1) ~~Deriv~~ Derive moments of Geometric distribution by using m.G.F. 2) Derive M.G.F of N.B.D hence find its mean & variance. 3) Derive C.G.F of N.B.D hence find cumulants and moments of N.B.D 4) prove that hypergeometric distribution tends to Binomial distribution. 5) prove that P.D as a limiting case of N.B.D. Derive M.G.F of poisson hence find its mean & variance.
Date: 17/04/24 **Day: WEDNESDAY** **C++ (Santosh)**	1) 2) In class 3) 4) 5)

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B.Sc Ramanujan - I

Date: 18/04/24 **Day : THRUSDAY** **S/L (Chitkala) - 2** **English (Shebin) 3**	1) वारेर्ते 2) सिलसिला } पाठ का सारांश लिखो। ① 1, 2, 3, 4, 5 संदर्भसहित in (H)th Lesson में व्याख्या कीजिए ② 6, 7, 8, 9, 10 संदर्भसहित (H)th Lesson 4 5 1 3) Write a detailed character sketch of the banker. Is there any change in his character at any point in the story? 4) Significance of the title 'The Felling of the Banyan tree'? 5) Significance of the title 'The Bet'
Date: 12/04/24 **Day : FRIDAY** **C++ (Santosh)**	1) 2) 3) In class 4) 5)
Date: 13/04/24 **Day : SATURDAY** **FOC** **(PS RAVIKUMAR)**	1) Explain about basic processor architecture with a neat diagram 2) Explain in detail about mass storage devices 3) what is software? Explain in detail about system software 4) what are logic gates? Explain different logic gates with diagrams and truth tables 5) what is K-map? List out its rules. Explain four-variable K-map and simplify $f = \Sigma m(0, 2, 3, 5, 7, 8, 10, 11, 14, 15)$

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B.Sc CVR - I

Date: 15/04/24 **Day : MONDAY** **Stats (Mamatha)**	1) Find the mean & variance of Beta distribution first kind. 2) find mean & variance of Beta distribution second kind 3) Derive the Relation between Beta 1st kind & 2nd kind. 4) Derive moments of Gamma distribution first kind 5) Derive the C-F of gamma 2nd kind hence find its mean & variance.	
Date: 15/04/24 **Day : TUESDAY** **BCS/FoC** **(B. Santhosh/Pavan)**	1) Explain Block Diagram of a Computer. 2) Explain I/o devices of a Computer. 3) what is os? functions of os Explain 4) Explain word Processing features. 5) Explain Memory in detail.	FoC 1) What is Computer. Explain characteristics in detail. 2) Explain Generation of Computers. 3) Explain types of Computer 4) Explain components of Computer 5) Explain applications of Computer.
Date: 16/04/24 **Day: WEDNESDAY** **Maths (Sandhya)**	1) solve $(D^2+6D-12)y=(x-1)e^{2x}$ 2) solve $(D^2-2D+1)y=e^x x^2$ 3) solve $(D^2+1)y=x^2\sin 2x$ 4) solve $(D^2-2D+1)y=xe^x\sin x$ 5) solve $(D^2-2D+5)y=e^{2x}\sin x$	

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B.Sc CVR - I

Date: 18/04/24 **Day : THRUSDAY** **Stats (D. Srinivas)**	1) Define Normal Distribution. write it's properties. 2) write mean, Median, Mode values of N.D. 3) write m.g.f of Normal Distribution. 4) write C.F of Normal Distribution. 5) write even moment's of Normal Distribution.
Date: 12/04/24 **Day : FRIDAY** **S/L (OmPrakash) - 3** **English (C Sirisha) 3**	1) बादल 2) रिपोर्ताज़िया } पाठ का सारांश। 1. प्रतिपदार्थः - 1, 2. २. प्रतिपदार्थः: 3, 4 } → बुद्धस्य वैराग्योदयः 3) Summary of the Poem "A walk by Moolight" 4) Summarise the lawyer's attitude and feelings towards humanity at the end of his fifteen years of confinement? 5) What is the attitude of the speaker towards the cutting down of Banyan tree? What lines & words in the poem reveal this?
Date: 13/04/24 **Day : SATURDAY** **Python(G Venkatesh)** **C++ (Santosh)**	1) Explain function in detail. types of functions. 2) Explain about different types of arguments. 3) Explain pass by value and pass by reference 4) Explain about return statement with example program. 5) Explain about recursive functions with program.