

Teaching Plan Academic Year Winter 2020-2021

Name of Teacher: Miss.Damte Shaheen Abdul Raheman

Class: B.Voc.(CT) S.Y.

Semester: IV

Course Title: Aptitude and Logical Reasoning

Course Code: U-ALR-526

Unit No:	Topics To be Covered	Date	No. of Lectures	Academic Activities to be organized	No.of Test/ Assignment topic and date
I	I : Numerical Abilities / Quantitative Aptitude 1:-	Total	15	Short Tricks of multiplication By 11,5 and 2x2 ,3x3	
	Number Theory, Square Roots, HCF and LCM, Data Sufficiency	08.03.2021 To 13.03.2021	06		
	Test, Profit and Loss, Surds and Indices, Simplification, Percentage, Approximation, Quantitative Comparison, Average	15.03.2021 To 18.03.2021	04		
	Number Theory, Square Roots, HCF and LCM, Data Sufficiency Test, Profit and Loss, Surds and Indices, Simplification, Percentage, Approximation, Quantitative Comparison, Average.	19.03.2021 To 23.03.2021	05		
II	II: Numerical Abilities / Quantitative Aptitude 2:-	Total	15	Guidance regarding placement	Unit Test-I
	Logarithms, Fraction and Decimals, Commercial Math, Ratio and Proportion, Data Interpretation Compound and Simple Interest,	24.03.2021 To 03.04.2021	06		
	Partnership, Mensuration Area, Volume, Data Comparison, Discounts.	05.04.2021 To 08.04.2021	05		
		09.04.2021 To 15.04.2021	04		

III	III: Logical Reasoning 1:-	Total	15	Extra Problems On some Important Topic	
	Number Test, Logical Diagram (Venn Diagram), Analogy	16.04.2021 To 20.04.2021	06		
	Test, Relationship Test, Insert Missing Sequence Test,	22.04.2021 To 25.04.2021	04		
	Alpha Numeric Symbol Sequence, Direction and Distance	26.04.2021 To 29.04.2021	05		
IV	IV: Logical Reasoning 2:-	Total	15	Unit Test-II	
	Cubes and Cubical Dice Test, Logical Word Sequence Test,	30.04.2021 To 05.05.2021	06		
	Time Sequence Test, Coding & Decoding Test, Statement	06.05.2021 To 10.05.2021	05		
	Arguments, Mathematical Operations, Statement	11.05.2021 To 15.05.2021	04		
	Conclusion, Series Test, Data Sufficiency Test, Data				
	Arrangement Test, Logic Test.				

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Name of Teacher: Miss.Damte Shaheen Abdul Raheman

Class: B.Voc.(CT) S.Y.

Semester: IV

Course Title: Introduction to Python Programming

Course Code: U-IPP-528

Unit No:	Topics To be Covered	Date	No. of Lectures	Academic Activities to be organized	No.of Test/ Assignment with topic and date
I	I: Introduction:- Introduction to Python Programming Language, Python Data, Variables, Expressions and Statements, Values and Data Types, Type Conversion Functions, Operators and Operands, Input Functions, Boolean Expressions, Logical operators, Conditional Execution, Unary Selection, Nested conditionals, Chained conditionals, Boolean Functions, Iteration, The for loop, The while Statement.	Total	15	Extra program's On basic Operation in Python	
		08.03.2021 To 13.03.2021	06		
		15.03.2021 To 18.03.2021	04		
		19.03.2021 To 23.03.2021	05		
II	II: Strings, Lists and Tuples in Python:- Strings, Operations on Strings, Index Operator, String Methods, Length, The Slice Operator, Lists, Accessing Elements, List Membership, Concatenation and Repetition, List Slices, List Deletion, List Methods, Tuples, Tuple operators and built-in functions, Tuples and Mutability, Tuple Assignment, Tuples as Return Values.	Total	15	Extra Program's On Functions	Unit Test-I
		24.03.2021 To 03.04.2021	06		
		05.04.2021 To 08.04.2021	05		
		09.04.2021 To 15.04.2021	04		

III	III: Dictionary and File handling and OOP's:-	Total	15	Practice Test On Program's	
	Dictionaries, Dictionary Operations, Dictionary Methods,	16.04.2021 To 20.04.2021	06		
	Dictionary Keys, Aliasing and Copying, Sparse Matrices,	22.04.2021 To 25.04.2021	04		
	Working with Data Files, Finding a File on your Disk, Reading a File, Iterating over lines in a file, Writing Text Files. Object oriented Programming and Classes in Python: Creating Classes, Instance Objects Accessing Members, Constructor, Method Overloading , Inheritance.	26.04.2021 To 29.04.2021	05		
IV	IV: Regular Expression and Exception Handling:-	Total	15	Example Of How to use Regular Expression in Application/ software	Unit Test-II
	Regular Expressions, Exceptions, Standard Exceptions,	30.04.2021 To 05.05.2021	06		
	Exceptions Syntax, The try/except/else Statement, The try/finally Statement, Unified try/except/finally, The raise Statement, The assert Statement, with/as Context Managers	06.05.2021 To 10.05.2021	05		
	String-Based Exceptions, Class-Based Exceptions, General raise Statement Forms, Catch All Exceptions, Catch A Specific Exception, Catch Multiple Specific Exceptions, Clean-up After Exceptions.	11.05.2021 To 15.05.2021	04		

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Name of Teacher: Miss.Damte Shaheen Abdul Raheman

Class: B.Voc.(CT) T.Y.

Semester: VI

Course Title: Test Engineering

Course Code:

Unit No:	Topics To be Covered	Date	No. of Lectures	Academic Activities to be organized	No.of Test/ Assignment with topic and date
I	I: Basics of Software Testing and Testing Methods:- Software Testing, Objectives of Testing Failure, Error, Fault, Defect, Bug Terminology Test Case, When to Start and Stop Testing of Software (Entry and Exit Criteria) Verification and Validation (V Model). Quality Assurance Quality Control Methods of Testing: Static and dynamic Testing, The box approach White Box Testing Inspections. Walkthroughs, Technical Reviews Functional Testing, Code Coverage Testing. Code Complexity Testing, Black Box Testing: Requirements based testing, Boundary Value Analysis, Equivalence Partitioning.	Total	15	Basic Knowledge Of Software Engineering	
		08.03.2021 To 13.03.2021	04		
		15.03.2021 To 18.03.2021	05		
		19.03.2021 To 23.03.2021	06		
II	II: Types and levels of Testing:- Levels of testing, Unit Testing: Driver, Stub, Integration Testing: Top-Down Integration. Bottom-Up integration, BiDirectional Integration, Testing on web Application: Performance testing [Stress testing, Security Testing, Client Sever testing] Acceptance Testing: Alpha Testing and Beta Testing, Special Tests: Regression Testing, GUI Testing.	Total	15		Unit Test-I
		24.03.2021 To 03.04.2021	06		
		05.04.2021 To 08.04.2021	05		
		09.04.2021 To 15.04.2021	04		

III	III: Test Management and Defect Management:-	Total	15		
	Test Planning: Preparing a Test Plan, Deciding Test Approach, setting up Criteria for testing, Identifying Responsibilities, Staffing, Resource Requirements, Test Deliverable's, Testing tasks Test Management: Test Infrastructure management, Test People management Test Process: Baseline	16.04.2021 To 20.04.2021	06		
	Lining a Test Plan, Test Case Specification. Test Reporting: Executing Test Cases, Preparing Test Summery Report. Defect Classification, Defect management Process. Defect Life Cycle, defect Template Estimate Expected Impact of a defect, Techniques for finding Defects, Reporting a Defect.	22.04.2021 To 25.04.2021	04		
		26.04.2021 To 29.04.2021	05		
IV	IV: Testing tools and Measurements:-	Total	15	Execute Program's On Testing Tool	Unit Test-II
	Manual Testing and Need for Automated Testing Tools Advantages and Disadvantages of Using Tools Selecting a testing Tools When to Use Automated Test tools, Testing using Automated Tools. Metrics and measurement: Types of metrics. Product metrics and process Metrics. Object oriented metrics in testing.	30.04.2021 To 05.05.2021	06		
		06.05.2021 To 10.05.2021	05		
		11.05.2021 To 15.05.2021	04		

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Name of Teacher: Miss.Damte Shaheen Abdul Raheman

Class: B.Voc.(CT) T.Y.

Semester: VI

Course Title: Introduction to Digital Marketing

Course Code:

Unit No:	Topics To be Covered	Date	No. of Lectures	Academic Activities to be organized	No.of Test/ Assignment with topic and date
I	I: Introduction to Digital Marketing:- Basic of Online Marketing, Difference of Internet Marketing vs Traditional Marketing, Search Engine Basics, Key points of internet marketing, Basic terms used in internet marketing, Effective platforms for promotions, why people moving in digital marketing? How much business can you grab after using internet marketing techniques? Structure of Online Marketing.	Total	15	Basic knowledge Regarding Real life Digital Marketing	
		10.03.2021 To 16.03.2021	06		
		17.03.2021 To 20.03.2021	04		
		22.03.2021 To 25.03.2021	05		
II	II: Website Introduction & Creation:- Understanding the web and its functioning, understanding need of website, Choosing Great Domains, Using CMS Panel and getting the hosting for website, Creating a professional and elegant website on WordPress	Total	15	Example of How To create Website Using Wordpress	Unit Test-I
		26.03.2021 To 01.04.2021	06		
		03.04.2021 To 07.04.2021	05		
		08.04.2020 To 12.04.2021	04		

III	III: Search Engine Optimization:-	Total	15		
	Introduction to SEO, Search Engine Working, Keyword, Research & Planning, On-Page SEO, Off-Page SEO, Link Building, Tools for SEO, Understanding Google Algorithm SEO Site Audit,	15.04.2021 To 20.04.2021	06		
	Search Engine Marketing, what is Google AdWords, Google Ads Campaign, Search Campaign, Sale Campaign, Banner and Search Ads, Keyword Understanding, Creating successful ads.	22.04.2021 To 25.04.2021	04		
		26.04.2021 To 29.04.2021	05		
IV	IV: Social Media Marketing:-	Total	15	Show Examples of Real life Social media marketing	Unit Test-II
	Introduction to Social Media Marketing, Facebook Marketing, Facebook Campaign Creation, Facebook for lead generation,	30.04.2021 To 05.05.2021	06		
	Facebook Pixel, Instagram Marketing, Instagram Promotion or ad creation, Youtube Introduction, Understanding Youtube Algorithm, Growing Youtube Channel, LinkedIn Marketing,	06.05.2021 To 10.05.2021	05		
	Twitter Marketing, Quora Marketing.	11.05.2021 To 15.05.2021	04		

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