

School of Engineering and Applied Science

Diploma CE/IT Semester IV Major Assignment

Important Instructions to Student:

- 1. Last date for Assignment Submission 30-May-2020
- 2. This assignment carries major **weightage of 50 Marks**. Kindly prepare it very carefully and in a very detailed manner. For any help in this regard, kindly contact your faculties.
- 3. Front Page of Assignment should clearly include details like:
 - a. Your Name
 - **b.** UID Number
 - c. Subject
 - **d.** Class
 - e. Semester

In the event of no such information, we may not be able to assign marks for your assignment, for which responsibility lies with students.

- 4. You can write and submit assignment through any of the following options:
 - a. Handwritten Assignment Prepare softcopy of your assignment through suitable apps and send the assignment as one PDF to your respective faculty as mentioned above.
 - b. Typed Assignment Prepare Assignment with following font setting and submit the assignment to your respective faculty as mentioned above.
 - i. Font Type Times New Roman or Arial
 - ii. Headings Font Size 14
 - iii. Text (Except Heading) 12
 - iv. Normal Margin and Line Spacing maximum 1.15
- 5. After this lockdown ends, you all have to submit the physical assignment copies to your respective Faculties. So, keep the assignment carefully for submission.
- 6. While submitting assignment through email, kindly use subject line as Name of the Programe_Name of Course/Branch_Semester_Name o the the Subject. For Example B.Tech._Mechanical_IV_Theory of Machines



Engli	English Communication and Mode of Submission					
	Skills – IV	Email – rbs.raiuniversity@gmail.com				
	Rakhi Pandey	Subject Line: Diploma CE/IT IV ECLS-IV				
1.	Explain All Forms Of Tenses In Detail					
2.	Explain 4 Stages Of Team Building In Detail					
3						
	a. Panel interview					
	b. Group interview					
	c. Stress interviewd. Exit interview					
	e. Technical interview					
4	Explain the Parts Of Speech In Detail					
5.	Explain The All Degree forms Of In Detail					
٥.	Explain The All Degree forms of in Detail					
	Communication &	Mode of Submission:				
	orking	Google Form: https://forms.gle/fzko6bhMEJJqfNVa7				
	Poonam Chakravarty	Subject Line: Diploma CE IV DCN				
1.		down steps to configure all topologies in CISCO packet tracer.				
2.	 Ring 2.Bus 3.Mesh 4.Tree 5.Hybrid 6.Star Explain IPV4 Header format in details with diagram also write difference between IPV4 					
4.	nat in details with diagram also write difference between if V4 and					
3.	IPV6 What is network? Explain advantages, disadvantages and all applications in details.					
4.						
5.	Explain the following terms in details. 1. Working of HTTP 2. Difference between Connection Oriented & connection less services 3. Cross cable and straight through cable with diagram 4. Difference between Hub & Switch					
	5. Difference between Router & Bridge					
Intro	oduction to Computer	Mode of Submission:				
Organization and		Google Form: https://forms.gle/pxPf24LUUht81S2g9				
Architecture		Subject Line: Diploma CE/IT IV ICOA				
	Hardik Patel	Subject Ellie. Diploma Obili 17 10011				
1.		n architecture of a computer? Describe with an example				
2	Write a program to evaluate the arithmetic statement					
_	1. $A^*[B+C^*(D+E)]$					
	2. F*(G+H)					
	(a) Using 3 address instructions(b) Using 2 address instructions					
	(c) Using 1 address instructions					
-	(d) Using 0 address instructions					
3.						
	on data.					



Basics Of Its Archir Prof. Hand	f Microprocessors & Itecture rdik Patel hat is status bit and flag d working of status bits. Taw and explain pin diagrate aw and explain pin diagrate. Computer Graphics Sailesh Iyer	gram and architecture 8251 USART. ent type of instruction. am of 8255A PPI Pin am of 8279 keyboard/display and 8259 program interrupt controller. analog convertor with Architecture. Mode of Submission: Google Form CE: https://forms.gle/PXCqhTiDpRj5cest5 Google Form IT: https://forms.gle/PsQ1sXDh96yiZzL58 Subject Line: Diploma CE/IT BCG ms of Computer Graphics in detail.		
Basics Of Its Archi Prof. Hand	f Microprocessors & Itecture rdik Patel hat is status bit and flag d working of status bits. Taw and explain pin diagrate aw and explain pin diagrate. Computer Graphics Sailesh Iyer	Mode of Submission: Google Form: https://forms.gle/y61ctK9tDi2CXVoF7 Subject Line: Diploma CE/IT IV BOMP gs in 8085 microprocessor? list out and explain different type of flag is. gram and architecture 8251 USART. ent type of instruction. am of 8255A PPI Pin am of 8279 keyboard/display and 8259 program interrupt controller. analog convertor with Architecture. Mode of Submission: Google Form CE: https://forms.gle/PXCqhTiDpRj5cest5 Google Form IT: https://forms.gle/PsQ1sXDh96yiZzL58 Subject Line: Diploma CE/IT BCG ms of Computer Graphics in detail.		
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3. Plo 4. Exj 5. Wr Software	st and Explain Diesemani	List and Explain Bresenham's Algorithm for Slope<0.		
4. Exp 5. Wr Software	Plot line using DDA Line Drawing Algorithm for the endpoints (5,7) and (9,15).			
5. Wr Software		Driver, Graphics Mode, Resolution, Pixel and Aspect Ratio.		
Software		, Video and Animation with suitable examples.		
	The a short hote on Hadio,	, video una i minutoni with surmore commptes.		
	Engineering	Mode of Submission:		
	gnesh Rathod	Google Form: https://forms.gle/M8mRBKmer3BaqogN8		
		Subject Line: Diploma IT IV SE		
	hat is Software Requireme	•		
	Why is it important? List the characteristic of a good quality SRS? What contents can we include in it?			
2 Explain Functional Requirement and Non Functional Requirement with example of Onl		ment and Non Functional Requirement with example of Online Examination		
	System.			
	Prepare an SRS and Use Case diagram for a simple Library Management System.			
	Explain white box and black box testing. Discuss all the testing strategies that are available.			
	Software is to be developed for hotel management system in which information is provided for all type of			
	activities conducted in hotel. The major users of the system are hotel staff, people who stay in the hotel			
	and people who visit the restaurant. Information for the billing system, hotel account management, staff			
		salary, hotel menu information, hotel room information is provided by software. Prepare Software Requirement Specification and Use Case Diagram.		
Red	•			



	cs of Web Technology . Yagnesh Rathod	Mode of Submission: Google Form: https://forms.gle/hkURHjWPxAMZaX5q7 Subject Line: Diploma IT IV BWT	
1.	Explain types of lists in html with suitable example.		
2	Write HTML code to design GUI form to accept student name, age, address, state, country, gender, hobbies and suggestion.		
3.	Explain Switching techniques in detail.		
4.	Explain E-mail Systems in detail.		
5.	List out all the HTML tags and their functions you have studied in this subject.		

NOTE: After completing your assignments, contact your respective faculty member and submit the assignment for assessment.