

5. Explain looping, counting and indexing techniques.
6. Write and explain any five 16 bit arithmetic instructions.
7. Explain BCD to seven segment-LED code conversion.
8. Write a note on Binary to ASCII.
9. Write a note on Pentium Registers.
10. Write a note on Memory Management.

Questions: Slow Learner

1. Write a note on Microprocessor.
2. Explain 8085 programming model.
3. Explain how IN instruction is used to communicate with peripherals devices.
4. Explain any five logical instruction.
5. Explain RAL and RLC instruction.
6. Explain one register time delay.
7. Explain BCD to Binary conversion.
8. Write a note on BCD addition.
9. Distinguish between Core i3, Core i5 and Core i7.
10. Explain different data types of SUN SPARC.

Assignments

1. Write a note on Tri-State Device.
2. Classify instruction based on type of operations.
3. Explain CPI 8bit instruction.
4. Write a note on HDD and SSD.
5. Explain the instruction format of SPARC.

Web Programming (USIT203)

Questions: Advanced Learner

1. Write a code for the registration form of a student.
2. Write a code to design the output as below:

Weekday	Date	Manager	Qty
Mon	09/11	Kinjal	639
Tue	09/12	Leena	596
Wed	09/13	Ruma	1135
Thu	09/14	Sushant	1002
Fri	09/15	Ram	908
Sat	09/16	Leena	371
Sun	09/17	Sushant	272
Total			4923

3. Write a code to implement a user defined function in PHP.
4. Explain the working of PHP files in detail

5. What is Cookie? Create an application to store the cookie.
6. What are three major components of an HTML Document? Explain with an example.
7. What is an Event? Explain any one form event with example
8. Write a code to implement user defined function in PHP
9. Write a program to insert data values in a MySQL table.
10. Write a program to fetch the data values from MySQL table.

Questions: Slow Learner

1. What is the Internet? What are the advantages and disadvantages of it?
2. What are browsers? Explain anyone in detail.
3. What is a search engine? Explain how search engine works
4. What are HTML tags? Explain different types of it.
5. What are stylesheets? Explain its different types.
6. Explain Arithmetic operators in JavaScript with examples.
7. What is the difference between while and do while loop?
8. What is a switch case in JavaScript? Explain it with an example
9. Explain feature of MySQL in PHP
10. Explain different data types in PHP with example

Assignments

1. What is B2C E-Commerce? Explain with an example.
2. What are the advantages of using a style sheet? Explain difference between inline and internal style sheet.
3. Write and explain PHP code to display “Hello World”.
4. What is an Event? Explain the onBlur() event with an example.
5. Write a HTML code to demonstrate nested frameset with minimum 8 frames in it.

Numerical and Statistical Methods(USIT204)

Please refer Mathematics Q.Bank folder

Green Computing (USIT205)

Advanced Learners

1. What are the steps taken by Australia in managing their own e-waste
2. Explain RoHS of Europe
3. Explain monitor settings for power reduction
4. Differentiate between chilled water and refrigerant
5. Explain outsourcing
6. How to explain supplier about green initiatives
7. Which requirements are must for energy star certified computers
8. Explain the process of degaussing
9. Explain the process of BenchMarking
10. Enlist the certification programs and their advantages for the organization1.

Slow Learners

1. Define green computing and enlist its pathways
2. Explain Toxins and its hazards

- 3.Explain air based economizer
- 4.Explain low cost options to monitor power
- 5.Explain process re-engineering with green in mind.
- 6.Explain paperless billing
- 7.Explain the process of computer refurbishment
- 8.Give advantages and disadvantages of buying equipment
- 9.How to measure CPU efficiency and Datacenter density
- 10.Explain SWaP

Assignment

- 1.Enlist the steps of measuring carbon footprint
- 2.Write formula to calculate cooling needs
- 3.Explain the concept on Intranet
- 4.Explain systems life cycle with diagram
- 5.Explain Application Service Provider