QP CODE: 2528 (CBCS-WT)

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA

II-SEMESTER END EXAMINATIONS-MARCH-2019

I YR B.Sc., SUBJECT/ PAPER: BASIC COMPUTER SKILLS (WT)

DATE: 21.03.2019 (THURSDAY), TIME: 02.00 PM

Max. Marks: 35 | **Reg. No.** | | | | | | | | **Duration: 1 ½ Hrs**

Section – I

Answer any 5 Questions (Short answer questions) **(5x3=15M)**

1. What are the advantages of Computer Network (Internet)?
2. What is Topology? Explain about Computer Network Topologies?
3. Describe the features of the search engines?
4. Write the features of HTML Language.
5. What are the Major categories of websites over internet?
6. Explain the classification of computers?
7. What is Email? What it is functionality?
8. What is a WebPage?

Section – II

Answer Any TWO Questions **(2x10=20M)**

9. What is communication? Explain types of Communication?

10. Explain the concept of Internet Explorer.

11. Explain about Generation of computers?

12. Define an Ideal Microcomputer? What is the purpose of a control bus in a microcomputer?

QP CODE: 2405 (CC-ATP)

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA

II-SEMESTER END EXAMINATIONS-MARCH-2019

I YR B.Sc., SUBJECT/ PAPER: COMPUTERS

DATE: 23.03.2019 (SATURDAY), TIME: 02.00 PM

x. Marks: 60 | **Reg. No.** | | | | | | | | **Duration: 2 ½ Hrs**

SECTION-A

Answer any **FOUR** from the following 4x10 = 40 Marks

1. Briefly explain about formatting text in word
2. Explain about table manipulation in word
3. Explain formulas and function in Excel
4. What are the features of Ms-Excel
5. Explain about how to insert images in .PPT
6. Explain about slide show in .PPT
7. Explain Hyperlink
8. Explain about page border

SECTION-B

Answer any **FOUR** from the following 4x5 = 20 Marks

1. Write the steps for printing document
2. What is mail merge
3. How you can add date to page
4. How many orientations are there? What are there
5. Explain the types of output devices
6. Explain about changing case
7. How to change cell height and width
8. How to edit text in .PPT

###

QP CODE: 2524 (CBCSVOC WT)

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA

II-SEMESTER END EXAMINATIONS-MARCH-2019

I YR B.Sc., SUBJECT/ PAPER: JAVA SCRIPT (WT)

DATE: 26.03.2019 (TUESDAY), TIME: 02.00 PM

Max. Marks: 70 | **Reg. No.** | | | | | | | | **Duration: 3 Hrs**

SECTION-1

Answer ALL Questions **5X1=5M**

1. What is java script and its importance?
2. Explain the structure of java script program.
3. Explain functions concept in JavaScript with an example.
4. Define break &continue statements in JavaScript.
5. Define a variable. List the rules for variable declaration.

SECTION-II

Answer ANY FIVE Questions **5x5=25M**

1. Explain looping statements in JavaScript with an example.
2. Explain different data types used in java script.
3. Explain Document Object with its properties and methods.
4. What is object? How the objects created in java script.
5. Exaplian navigation objects in java script with its properties and methods.
6. What is string object in java script with its properties and methods briefly?
7. Define date object in java script, with its properties and methods.
8. What is array object in java script with its properties and methods?

SECTION-III

Answer ALL Questions **4X10M=40M**

1. A) Explain about various decision statements in java script with an example.

(OR)

B) Explain how to work with data types in JavaScript with an example.

2. A) Explain the process of how to validate the submitted data in JavaScript with an example.

(OR)

B) Explain about different string manipulation functions with an example.

3. A) Write a java script program to manipulate array. Explain its usage with an example.

(OR)

B) Define debugging. Explain about different debugging techniques.

4. A) Explain about exception or error handling methods in JavaScript. Write a JavaScript program to demonstrate exception handling with ONERROR.

(OR)

B) Write a JavaScript program for simple form processing.

QP CODE: 2525(CBCS-WT&MM) ***ALL SERIES***

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINADA

II-SEMESTER END EXAMINATIONS-MARCH-2019

I YR B.SC., SUBJECT/ : ORACLE AND DB CONCEPTS

DATE: 28.03.2019(THURSDAY), TIME: 02.00 PM

Max. Marks: 70 | **Reg. No.** | | | | | | | | **Duration: 3 Hrs**

SECTION – I

Answer ALL questions **5 x 1 = 5 marks**

1. DBMS
2. DML commands in SQL?
3. Define Primary Key
4. Advantages of Normal Forms
5. Properties of a Transaction

SECTION – II

Answer ANY FIVE questions **5 x 5 = 25 marks**

6. Briefly explain Relational data model with example?
7. Explain the components of Database system with neat diagram?
8. What are the functions of DBA?
9. Explain different data types in SQL?
10. Write about SELECT statement? Give example
11. Explain about Functional dependency?
12. What is a Transaction? Write about ACID properties?
13. Explain about Serializability?

SECTION – III

Answer ALL questions **4 x 10 = 40 marks**

14. A) Explain DBMS architecture in detail?

(OR)

B) Explain the advantages of DBMS over file system?

15. A) What is SQL? Explain DDL, DML, DCL commands with an example in SQL?

(OR)

B) i) Write about set operators in SQL? Give example

ii) Write about aggregate functions in SQL? Give example

16. A) What is Normalization? Explain different normal forms in detail?

(OR)

B) What is a Transaction? Why concurrency control is needed for Transaction?

17. A) Explain Lock based protocols for concurrency control?

(OR)

B) i) Explain about Data Constraints in SQL?

ii) Write about joins in SQL? Give example

QP CODE: 2204 (CBCS) ***ALL SERIES***

PITHAPUR RAJAH'S GOVERNMENT COLLEGE (AUTONOMOUS), KAKINAD

II-SEMESTER END EXAMINATIONS-MARCH-2019

I YR B.SC., SUBJECT/ PAPER: COMPUTERS

PROGRAMMING IN C-LANGUAGE

DATE: 28.03.2019(THURSDAY), TIME: 02.00 PM

Max. Marks: 60 | **Reg. No.** | | | | | | | | | **Duration: 2 ½**

Section-I

Answer All Questions **5 x 1 = 5M**

1. Define Flowchart.
2. What is Pseudocode?
3. Define Array.
4. Define Union.
5. What is a pointer?

Section-II

Answer any 3 Questions **3 x 5 =15M**

6. Explain Datatypes in C.
7. Define Algorithm. Write key features of Algorithm.
8. Define Recursion. Write a C program to calculate factorial of a given number using recursion.
9. Write a C program for Addition of 2 matrices.
10. Write C program to accept Student details and calculate total using structures.
11. Explain about pointers with an example.

Section – III

Answer All Questions **4 x 10 = 40 M**

12 A) List different operator names in C and explain them.

(OR)

B) Explain Decision making statements in C.

13 A) Explain about Loops in C.

(OR)

B) Define String. Explain various String handling functions in C.

14 A) Write differences between Structures and Unions.

(OR)

B) Explain about Storage Classes in C.

15 A) Explain about Call by Value and Call by reference with example programs.

(OR)

B) Explain Basic File Operations in C with examples.

****