



Batch 2018-2021
SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
I SEMESTER
PAPER TITLE: PROGRAMMING IN "C"
CERTIFICATE COURSE

(For I SEMESTER B.A/B.Com./B.Sc. Courses with no computer subject as core subject w.e.f 2016-17)

UNIT-I: Introduction

Definition and Types of Operating System – MS-DOS – MS-Windows-Differences between DOS and Windows; Windows Basics: Desktop, My Computer, My Documents, Pictures, Music, Videos, Recycle Bin, Task Bar, Control Panel.

UNIT-II: "C" Fundamentals

'C' Fundamentals : Structure of a C Program, keywords, Data types, variables, constants, identifiers, Operators: arithmetic, relational, logical, increment/decrement, assignment, conditional operators , Input/output statements, Compiling your first program – Running your program – understanding your first program.

UNIT – III: Control Structures

Decision making: if statement – if else construct – Nested if statements – The else if construct – switch statement. Decision looping: for statement – Nested for loops – while statement – do..While statement – break statement – continue statement.

UNIT-IV: Working with Arrays: Defining an array – Initializing Arrays-entering elements into arrays –One dimensional arrays-two dimensional arrays-character arrays – string handling functions.

Prescribed Book:

1. Programming in "C" by E.Balagurusamy

GUIDELINES TO THE PAPER SETTER
BLUE PRINT

Unit No.	Essay Questions	Short Answer Questions
I.	1	2
II.	1	3
III.	2	1
IV.	1	2

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K. R. Rajwari

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G. Sankar...

Ravi
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APPROVED

B. Chitra Chakrabarty

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Batch 2018-2021
SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
I SEMESTER
CERTIFICATE COURSE PAPER TITLE: PROGRAMMING IN "C"
MODEL PAPER

(For I B.A. / I B.Com./ I B.Sc. Courses with no computer subject as core subject w.e.f 2016-17)

Time: 2 Hours

Max.Marks: 50

Note: 1. Answer any Three of the following.
2. Each one carries 10 marks.

3X10=30

SECTION-A

1. Explain MS DOS Internal commands?
2. Explain the structure of 'C' program?
3. Explain different type of control loops in 'C' Language?
4. Write a 'C' program to find the biggest number of given three numbers?
5. Write a 'C' program to find the addition of given two matrices?

SECTION-B

Note: 1. Answer any FOUR of the following.
2. Each one carries 5 marks.

4X5=20

6. What are the differences between MS DOS and Windows Operating systems?
7. Define the following.
a) Desktop b) Recyclebin?
8. Explain Arithmetic operators in 'C' Language?
9. Explain various data types in 'C' Language?
10. Explain Printf () and scanf () functions with examples?
11. Write a 'C' program to print all the Even numbers upto 100?
12. Define an array with examples?
13. Explain string handling functions in 'C' Language?

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K. R. Rajuwarai

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G. Subramanyam

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I SEMESTER
CERTIFICATE COURSE
(For I B.A. / I B.Com. / I B.Sc. Courses with no computer subject as core subject w.e.f 2016-17)
PAPER TITLE: PROGRAMMING IN "C"
LAB PROGRAMS

1. Write a C program to find addition of two numbers.
2. Write a C program to find the biggest of three numbers.
3. Write a C program to check whether the given number is Armstrong or not.
4. Write a C program to check the given number is perfect or not.
5. Write a C program to print the following format.
1 2 3
1 2
1
6. Write a C program to find addition of two matrices.
7. Write a C program to print multiplication table up to n terms.
8. Write a C program to print even numbers up to n.
9. Write a C program to concatenate two strings using strcat() function.
10. Write a C program to find sum of individual numbers of a given integer.

PRACTICAL BREAK UP OF MARKS:

- | | |
|----------------------|----------|
| 1. Procedure/Steps - | 10 Marks |
| 2. Execution - | 10 Marks |
| 3. Viva - | 5 Marks |

Total	25 Marks
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K. R. Rajuwan

G. Sreejany

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2018-2021
SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
(W.e.f. 2016-17 Admitted Batches)
I Semester
CERTIFICATE COURSE SYLLABUS
Paper Title: Operating System & Diagnostics Tools

(for I B.A / I B.Com. / I B.Sc. Programs with Computer subject as Core subject)

Unit-I: Operating System Basics & Installation

Introduction to OS, Types of Operating systems, System files FAT and NTFS, Dos 6.22, Windows XP, Windows Vista, Windows 7 and Windows 8 and Multi Boot Operating System.

Unit-II: Various types of Software Installation

MS-Office2003, Office 2007, Photoshop 7 and CS5, PageMaker 6.5, Corel-Draw X3, Auto-CAD, Tally 7.0 and ERP, Acrobat Reader X, Java, Visual Studio, C & C++, Multimedia Software's, and Internet Browsers like- IE9, Google Chrome, and Mozilla Firefox etc.

Unit-III: Device Installation

Graphics Card, Sound Card, LAN Card, Wireless LAN Card, SCSI Card, External Drive, Flash Cards, Web Camera, CCTV Camera, Mobile Devices, Pen Drive, Firewire Cards, Modem, Plotter, Wireless LAN, Access Point etc.

Unit-IV: Diagnostic Tools & PC Maintenance

Introduction, Virus and its types, Effect of Virus for Computer System, Scanning and Antivirus Remover tools, Antivirus Utilities for Diagnostic, Safety and Preventive Maintenance Tools, Data Recovery, Concept of Fax and E-mail, PC care and Maintenance.

Unit-V: Basic Network Introduction & Installation.

Overview of Networking, Introduction to networks and networking, LAN, VLAN, CAN, MAN, WAN, Internet and Intranet etc. Uses and benefits of Network, Server-client based network, peer to peer networks. Internet Connection, E-Mail, Cloud Networking, Google Drive, SkyDrive, Dropbox etc.

REFERENCE BOOK:

- (1) Windows 98 BPB Publication
- (2) Windows XP Professional edition complete BPB Publication
- (3) Office XP complete BPB publication
- (4) Networking Complete BPB Publication

GUIDELINES TO THE PAPER SETTER
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Unit No.	Essay Questions	Short Answer Questions
I.	2 EQ'S	NIL
II.	NIL	3 SAQ'S
III.	NIL	3 SAQ'S
IV.	2 EQ'S	NIL
V.	1 EQ	2 SAQ'S

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K. R. Rajuvaru
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Ravi

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SRI Y.N.COLLEGE (AUTONOMOUS): NARSAPUR
(W.e.f. 2016-17 Admitted Batches)
I Semester

CERTIFICATE COURSE MODEL PAPER
Paper Title: Operating System & Diagnostics Tools

(for I B.A / I B.Com. / I B.Sc. Programs with Computer subject as Core subject)

Time: 2 Hours

Max. Marks: 50

SECTION-A

Note: 1. Answer any Three of the following.

2. Each one carries 10 marks.

3X10=30

1. Explain how to install windows vista?
2. What is Operating system? Explain types of Operating systems?
3. What is Virus? Explain types of viruses?
4. Explain Scanning and Antivirus tools?
5. What is internet? Explain how to create an E-mail account?

SECTION-A

Note: 1. Answer any FOUR of the following.

2. Each one carries 5 marks.

4X5=20

6. How to install the Browsers?
7. How to install the Photoshop?
8. How to install Ms-Office?
9. How to install the sound card?
10. What is Graphics card?
11. What is Modem?
12. Explain LAN, MAN, WAN?
13. What is the difference between internet and intranet?

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G. Srinivas

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CERTIFICATE COURSE
Operating System & Diagnostics Tools
(for I B.A /I B.Com. / I B.Sc. Programs with Computer subject as Core subject)
LAB PROGRAMS

1. Write the steps to install Windows 7 Operating System.
2. Write the steps to install Windows XP Operating System.
3. Write the steps to install C, C++ and Java softwares.
4. Write the steps to install Photoshop and Ms-Office.
5. Write the steps to install web browsers Google Chrome, Mozilla Firefox, Opera.
6. Write the steps to create e-mail account.
7. Write the steps to install LAN card, VGA card.

PRACTICAL BREAK UP OF MARKS:

- | | |
|----------------------|----------|
| 1. Procedure/Steps - | 10 Marks |
| 2. Execution - | 10 Marks |
| 3. Viva - | 5 Marks |

Total 25 Marks

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