



UNIVERSITY OF MADRAS
(Established under the Act of Incorporation XXVII of 1857 –
Madras University Act 1923) - (State University)
M.C.A. DEGREE EXAMINATION – NOVEMBER 2020
[CHOICE BASED CREDIT SYSTEM]
THEORY TIME-TABLE

F.N. 10.00 a.m. to 1.00 p.m.
A.N. 02.00 p.m. to 5.00 p.m.

Maximum Marks : 075

For candidates admitted prior to the Academic year 2015-2016

Date & Session	Subject Name	Subject Code	
FIRST SEMESTER			
10.02.2021 FN	Programming in C and UNIX	PSC1A	
11.02.2021 FN	Digital Computer Fundamentals	PSC1B	
06.01.2021 AN	System Software	PSC1C/PSG2C	
13.02.2021 FN	Non-Major Elective-I Mathematics for Computer Science	PNS1A/PEG1A	
SECOND SEMESTER			
04.01.2021 FN	Microprocessors and its Applications	PSC2D	
05.01.2021 AN	Object Oriented Programming with C++	PSC2E	
04.01.2021 AN	Data Structures	PSC2G/PSG2A	
07.01.2021 AN	Non-Major Elective-II Statistical Methods	PNS2B/PEG2A	
THIRD SEMESTER			
04.01.2021 FN	Software Engineering	PSC3H	
05.01.2021 FN	Computer Graphics	PSC3J	
06.01.2021 FN	Java Programming	PSC3K	
07.01.2021 FN	Operating Systems	PSC3L	
08.01.2021 FN	Extra Disciplinary – Accounting & Financial Management	PEC3A/PEG3A	
FOURTH SEMESTER			
09.01.2021 AN	Computer Networks	PSC4M	
18.01.2021 AN	Database Management Systems	PSC4N/PSG4B	
11.01.2021 AN	Design and Analysis of Algorithms	PSC4P	
12.01.2021 AN	Software Project Management	PSC4R	
19.01.2021 AN	ELECTIVE-I	Multimedia Systems	PSCEA
		Windows Programming	PSCEB
		Advanced Java Programming	PSCEC
FIFTH SEMESTER			
11.01.2021 FN	Software Testing	PSC5S/PSGEE	
18.01.2021 FN	ELECTIVE-II	Managerial Economics	PSCED
		E-Commerce	PSCEE
		Data Warehousing and Data Mining	PSCEG
12.01.2021 FN	ELECTIVE-III	Artificial Neural Networks	PSCEH/PSGEK
		Computer Simulation and Modeling	PSCEJ
		Artificial Intelligence	PSCEK
		Information Security	PSCEL
09.01.2021 FN	ELECTIVE-IV	Operation Researches	PSCEM
		Mobile Computing	PSCEN
		Object Oriented Analysis & Design	PSCEP
		Digital Image Processing	PSCER

For candidates admitted from the Academic year 2015-2016

FIRST SEMESTER

10.02.2021 FN	Programming in C and C++	PSG1A
11.02.2021 FN	Digital Computer Fundamentals	PSG1B
12.02.2021 FN	Open Source Software	PSG1C
13.02.2021 FN	Non-Major Elective-I Mathematics for Computer Science	PEG1A/PNS1A

SECOND SEMESTER

04.01.2021 AN	Data Structures	PSG2A/PSC2G
05.01.2021 AN	Programming in Java	PSG2B
06.01.2021 AN	System Software	PSG2C/PSC1C
07.01.2021 AN	Non-Major Elective-2 Statistical Methods	PEG2A/PNS2B

THIRD SEMESTER

04.01.2021 FN	Design and Analysis of Algorithms	PSG3A
05.01.2021 FN	Computer Graphics	PSG3B
06.01.2021 FN	Advanced Java Programming	PSG3C
07.01.2021 FN	Operating Systems	PSG3D
08.01.2021 FN	Non-Major Elective-III Accounting & Financial Management	PEG3A/PEC3A

FOURTH SEMESTER

09.01.2021 AN	Computer Networks	PSG4A	
18.01.2021 AN	Database Management Systems	PSG4B/PSC4N	
11.01.2021 AN	Software Engineering	PSG4C	
12.01.2021 AN	Multimedia Systems	PSG4D	
19.01.2021 AN	ELECTIVE-I	Digital Image Processing	PSGEA
		E-Commerce	PSGEB
		Information Security	PSGEC

FIFTH SEMESTER

09.01.2021 FN	Object Oriented Analysis and Design	PSG5A	
18.01.2021 FN	Web Based Application Development	PSG5B	
11.01.2021 FN	ELECTIVE-II	Big Data Analytics	PSGED
		Software Testing	PSGEE/PSC5S
		Theory of Computation	PSGEG
12.01.2021 FN	ELECTIVE-III	Mobile Computing	PSGEH
		Cloud Computing	PSGEJ
		Artificial Neural Networks	PSGEK/PSCEH

For candidates admitted prior to 2008-2009 under Non-equivalent subjects

Maximum Marks : 080

04.01.2021 FN	Programming in 'C'	MC1B
05.01.2021 FN	Computer Architecture	MC3K
06.01.2021 FN	Visual Programming	MCEA
07.01.2021 FN	Network Programming	MCEB
08.01.2021 FN	Software Quality and Assurance	MCEG

**University Centenary SBuilding,
Chepauk, Chennai – 600 005.
NOVEMBER 2020**

**Dr. K. PANDIAN, M.Sc., Ph.D.,
Controller of Examinations.**



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**M.Sc. COMPUTER SCIENCE DEGREE EXAMINATIONS
NOVEMBER 2020 – [CHOICE BASED CREDIT SYSTEM]
THEORY - TIME-TABLE**

F.N.: 10.00 a.m. to 01.00 p.m.

A.N.: 02.00 p.m. to 05.00 p.m.

Maximum Marks: 075

For candidates admitted prior to the Academic year 2015-2016

Date & Session	Subject Title	Subject Code
FIRST SEMESTER		
10.02.2021 FN	Design and Analysis of Algorithms	PSA1A
11.02.2021 FN	Advanced Java Programming	PSA1B
15.02.2021 FN	System Software (Also Common for candidates admitted in M.Sc. Applied Electronics from 2008-2009)	PSA1C/ MCSBA/ PSD1C
13.02.2021 FN	Non-Major Elective-I Theoretical Foundations of Computer Science	PNA1A/PED1A
SECOND SEMESTER		
04.01.2021 AN	Computer Networks	PSA2D
08.01.2021 FN	Distributed Database Systems	PSA2E/PSDEF
05.01.2021 AN	ELECTIVE-I	Multimedia Systems
		Network Programming
		Windows Programming
06.01.2021 AN	Non-Major - Elective-II Bio-Informatics	PNA2B
THIRD SEMESTER		
04.01.2021 FN	Principles of Compiler Design	PSA3G/PSD3A
05.01.2021 FN	Object Oriented Analysis and Design	PSA3H
08.01.2021 FN	Extra Disciplinary – Digital Image Processing (Also Common for candidates admitted in M.Sc. Applied Electronics from 2008-2009)	PEA3A/MCSBC
08.01.2021 AN	ELECTIVE-II	Data Warehousing and Data Mining
		Mobile Computing
06.01.2021 FN	ELECTIVE-II	Artificial Intelligence
07.01.2021 AN	ELECTIVE-III	Artificial Neural Networks
		Computer Simulation and Modeling
12.01.2021 FN	ELECTIVE-III	Cryptography

For candidates admitted from the Academic year 2015-2016			
FIRST SEMESTER			
10.02.2021 FN	Design and Analysis of Algorithms	PSD1A	
11.02.2020 FN	Advanced Java Programming	PSD1B	
15.02.2021 FN	System Software (Common Paper for M.Sc.-Applied Electronics)	PSD1C/PSA1C/ MCSBA	
13.02.2021 FN	Non-Major Elective-I Theoretical Foundations of Computer Science	PED1A/PNA1A	
SECOND SEMESTER			
04.01.2021 AN	Computer Networks	PSD2A	
05.01.2021 AN	Digital Image Processing	PSD2B	
06.01.2021 AN	ELECTIVE-I	Mobile Computing	PSDEA
		Computer Graphics	PSDEC
07.01.2021 AN	ELECTIVE-I	Computer Simulation and Modeling	PSDEB/PSAEJ
11.01.2021 FN	Extra Disiplinary Elective-II Object Oriented Analysis and Design	PED2A	
THIRD SEMESTER			
04.01.2021 FN	Principles of Compiler Design	PSD3A/PSA3G	
05.01.2021 FN	Information Security	PSD3B	
06.01.2021 FN	Artificial Intelligence	PSD3C/PSAEG	
12.01.2021 FN	ELECTIVE-II	Big Data Analytics	PSDED
		Cryptography	PSDEE/PSAEK
08.01.2021 FN	ELECTIVE-II	Distributed Database Systems	PSDEF/PSA2E
09.01.2021 FN	ELECTIVE-III	Multimedia Systems	PSDEG
		E-Commerce	PSDEH
		Cloud Computing	PSDEJ
For candidates admitted prior to 2008-09 under Non-equivalent subjects			
Maximum Marks : 080			
04.01.2021 AN	Principles of Programming Languages	GSAEB	
05.01.2021 AN	Software Testing	GSAEC	
06.01.2021 AN	Computer Architecture	MS1B	
07.01.2021 AN	Java Programming	MS1C	
08.01.2021 AN	Software Engineering	MS2F	
09.01.2021 AN	Web Technology	MS2G	
11.01.2021 AN	Visual Programming	MSED	
University Centenary Building, Chepauk, Chennai – 600 005. NOVEMBER – 2020		Dr. K. PANDIAN, M.Sc., Ph.D., Controller of Examinations.	

**UNIVERSITY OF MADRAS**(Established under the Act of Incorporation XXVII of 1857 –
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NOVEMBER 2020 - CHOICE BASED CREDIT SYSTEM
THEORY TIME -TABLE****F.N.: 10.00 a.m. to 1.00 p.m.****A.N.: 02.00 p.m. to 5.00 p.m.****Maximum Marks: 075****For candidates admitted from the Academic year 2008-2009 and also candidates admitted the
academic year 2007-2008 equivalent to 2008-2009**

Date & Session	Subject Name	Subject Code
FIRST SEMESTER		
10.02.2021 F.N	C ++ and Data Structures	PSB1A
11.02.2021 F.N	Computer Architecture	PSB1B
12.02.2021 F.N	Database Management Systems	PSB1C
13.02.2021 FN	ELECTIVE-I	Visual Programming
		E-Commerce
		Programming in C
SECOND SEMESTER		
04.01.2021 AN	Operating Systems	PSB2D
05.01.2021 AN	Programming in Java	PSB2E
06.01.2021 AN	ELECTIVE-II	Software Engineering
		Data Warehousing and Data Mining
		Software Testing
07.01.2021 AN	ELECTIVE-III	Internet Technology
		Multimedia Systems
		Windows Programming
THIRD SEMESTER		
04.01.2021 F.N	Computer Networks	PSB3G
05.01.2021 F.N	Design and Analysis of Algorithms	PSB3H
06.01.2021 FN	Advanced Java Programming	PSB3J
07.01.2021 FN	Extra Disciplinary – Information Security	PEB3A
08.01.2021 FN	ELECTIVE-IV	Mobile Computing
		Artificial Intelligence
		Computer Graphics
For Candidates admitted prior to 2008-09 under Non-equivalent subjects		
Maximum Marks : 80		
04.01.2021 AN	Software Project Management	GSBEA
05.01.2021 AN	Fuzzy Logic with Engineering Applications	GSBEB
06.01.2021 AN	Network Programming	GSBEC
28.01.2021 AN	Bio-Informatics (Common paper to M.Sc.- Chemistry)	GSB3N/BCRBC
25.01.2021 AN	Artificial Neural Networks (Common paper to M.Sc.- Bio-Informatics)	GSBEG/BCPBC
09.01.2021 AN	Digital Image Processing	GSBEH
11.01.2021 AN	Computer Simulation & Modeling	GSBEJ
12.01.2021 AN	Data Structures	MT1A
13.01.2021 AN	Object Oriented Programming with C++	MT1C
14.01.2021 AN	Web Technology	MT2H
18.01.2021 AN	Object Oriented Analysis and Design	MT3L
University Centenary Building, Chepauk, Chennai – 600 005. (NOV-2020 EXAMINATION)		Dr. K. PANDIAN, M.Sc., Ph.D., Controller of Examinations.

