

Hall Ticket No:

Question Paper Code: 14ENG104

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE

(UGC-AUTONOMOUS)

MCA I Year I Semester (R16) Supplementary End Semester Examinations – June 2019

(Regulations: R16)

ENGLISH FOR COMMUNICATION

Time: 3Hrs

Max Marks: 50

Attempt all the questions. All parts of the question must be answered in one place only.

In Q.no 1 to 5 answer either Part-A or B only

Q.1(A) What are the different types of Tenses? Give examples for each tense with appropriate sentence structure. 10M

OR

Q.1(B) Describe the importance of Non-Verbal Communication. 10M

Q.2(A) "Effective communication promotes the spirit of cooperation and coordination" Describe the statement with appropriate explanation. 10M

OR

Q.2(B) Describe the Barriers and Gateways of Communication. 10M

Q.3(A) Why Professional writing skills are important in one's Professional career? Explain in detail. 10M

OR

Q.3(B) What are the features of effective Speaking? Discuss with examples. 10M
Explain the importance of proof reading in Written Communication.5M

Q.4(A) What are Technical presentations? Explain the relevance of Effective presentations in an organization. 10M

OR

Q.4(B) a. Write an e-mail to a consultancy about the training for GRE,TOFEL exams.5M 10M
b. Discuss the Do's and Don'ts of a candidate when he or she prepares for an interview.5M

Q.5(A) Explain in detail about the key elements of thesis preparation. 10M

Q.5(B) Write a report to your district Collector about the possibilities of renewable energy production in your locality. 10M

*** END***

Hall Ticket No:

Question Paper Code: 16MCA101

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
(UGC-AUTONOMOUS)

MCA I Year I Semester (R16) Supplementary End Semester Examinations – June 2019
(Regulations: R16)

INTRODUCTION TO COMPUTING

Time: 3Hrs

Max Marks: 50

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either Part-A or B only

Q.1(A) List out the basic characteristics of an algorithm and explain how an algorithm visually represented with an example. 10M

OR

Q.1(B) Convert the following. 5M*2=
i) 285.48 decimal number to hexadecimals. 10M
ii) 00101101101, 10110000001 binary to decimal, hexadecimals.

Q.2(A) Explain the following 5M*2=
i) Read only Memory . 10M
ii) Serial Access Memory.

OR

Q.2(B) Explain the Specification of a desktop and Laptop computer currently available in the market? 10M

Q.3(A) What are Interconnection of Units? Explain about Processor to Memory Communication. 10M

OR

Q.3(B) Write a Short note on 5M*2=
i) Multiprogramming. 10M
ii) Virtual Memory.

Q.4(A) Compare and Contrast Time Sharing and Real Time Operating Systems with examples. 10M

OR

Q.4(B) What is a Data base? Discuss about the purpose and organization of Database? 10M

Q.5(A) What is a Network? Explain types of Networks with examples. 10M

OR

Q.5(B) Explain the following. 10M
i) Internet Service Provider.
ii) Cyber-Crime.

*** END***

Hall Ticket No:

Question Paper Code: 16MCA103

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
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MCA I Year I Semester (R16) Supplementary End Semester Examinations – June 2019
(Regulations: R16)

COMPUTER ORGANIZATION

Time: 3Hrs

Max Marks: 50

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either Part-A or B only

Q.1(A) Explain logic gates with neat diagram. 10M

OR

Q.1(B) What is flip flop? Explain different types of Flip flops. 10M

Q.2(A) Explain the hierarchy of Data path –ALU and Registers. 10M

OR

Q.2(B) Explain the following with neat diagram
i) Control path-micro programming 5M
ii) Hardware logic 5M

Q.3(A) What is sub-routine and explain the sub-routine call with example. 10M

OR

Q.3(B) What is addressing mode. Explain different type of addressing modes. 10M

Q.4(A) Explain the concept of virtual memory with mapping techniques. 10M

OR

Q.4(B) What is meant by auxiliary memory? Explain Auxiliary memory organization. 10M

Q.5(A) What is interrupt? Explain the I/O interface with neat diagram. 10M

OR

Q.5(B) Explain the memory hierarchy. 10M

*** END***

Hall Ticket No:

Question Paper Code: 16MCA102

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
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MCA I Year I Semester (R16) Supplementary End Semester Examinations – June 2019
(Regulations: R16)

PROGRAMMING IN C

Time: 3Hrs

Max Marks: 50

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either Part-A or B only

Q.1(A) Give the structure of a 'C' program with an example. 10M

OR

Q.1(B) What is a flowchart? Draw a flowchart for swap two numbers without using third variable. 10M

Q.2(A) What is an operator? Explain about Bitwise operators with suitable example. 10M

OR

Q.2(B) Explain the use printf and scanf function with example. 10M

Q.3(A) Explain the switch statement with syntax and example. 10M

OR

Q.3(B) Explain about categories of functions with examples. 10M

Q.4(A) Define Structures. Explain structures in detail. 10M

OR

Q.4(B) Explain pointers concepts in C with example. 10M

Q.5(A) Define Pointer. Explain about pointers and arrays with example 10M

OR

Q.5(B) What is a file? Explain in detail File Operations. 10M

*** END***