

**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2020-2021
Unit Test- I**

Name of Faculty: Ms. Asfiya Shaikh

Subject: Advance Java Programming

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 13 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 12 |
| 4 | G.S. BOBADE | 12 |
| 5 | K.K. WAURKAR | 16 |
| 6 | K.B. DEWALKAR | 13 |
| 7 | M.A. HEMNE | 19 |
| 8 | M.V. BEJANKIWAR | 18 |
| 9 | N.H. SONWANE | 12 |
| 10 | N.N. ATRAM | AB |
| 11 | P.D. THAKARE | AB |
| 12 | P.M. FALKE | 17 |
| 13 | P.M. PATIL | 16 |
| 14 | P.S. YADAV | 14 |
| 15 | R.R. NIKHAR | 13 |
| 16 | R.J. FARKADE | 18 |
| 17 | R.J. TEMBHURNE | 19 |
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 19 |

| | | |
|----|-----------------|----|
| 20 | S.S. CHATAP | 18 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | 16 |
| 23 | S.M. KAREMORE | 14 |
| 24 | U.G. SHIRPURKAR | 19 |

Ashaikh

Signature of the Teacher

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**Head
Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am't's Science College,
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2020-2021
Unit test-II**

**Name of Faculty: Ms. Asfiya Shaikh
Subject: Advance Java Programming**

**Date: 27/01/2020
Maximum Marks: 20**

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 14 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 13 |
| 4 | G.S. BOBADE | 12 |
| 5 | K.K. WAURKAR | 15 |
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| 8 | M.V. BEJANKIWAR | 9 |
| 9 | N.H. SONWANE | 12 |
| 10 | N.N. ATRAM | AB |
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| 12 | P.M. FALKE | 17 |
| 13 | P.M. PATIL | 16 |
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| 17 | R.J. TEMBHURNE | 17 |
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| 19 | S.S. KATKE | 19 |

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| 20 | S.S. CHATAP | 11 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | 16 |
| 23 | S.M. KAREMORE | 14 |
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Professor & Head
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S.S.E.S. Am't's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-I Examination 2020
Advance Java Programming
Unit Test -I
Semester-I Paper-I

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

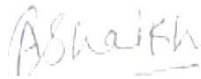
Marks: 16

- | | |
|---|---|
| A. Explain the life cycle of an applet in detail. | 8 |
| B. Explain the life cycle of a Thread in detail. | 8 |
| C. Explain AWT. Explain any three controls in AWT. | 8 |
| D. What is an array? Explain different types of arrays available in Java. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|--|---|
| A. What is inheritance? Explain how we implement single and multilevel inheritance in Java with suitable example | 4 |
| B. Explain Exception handling in details. | 4 |
| C Explain different Layout Manager in details. | 4 |



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S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-I Examination 2020

Advance Java Programming

Unit Test -II

Semester-I Paper-I

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

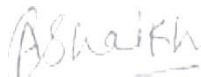
Marks: 16

- | | |
|---|---|
| A. Explain different components of URL with suitable example. | 8 |
| B. Explain Architecture RMI in detail? | 8 |
| C. Discuss the life cycle of servlet. | 8 |
| D. Explain JSP and different types of JSP tags in detail? | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|--|---|
| A. Explain Stub and Skeleton in detail? | 4 |
| B. Explain JavaBeans? Write Advantages of Beans in detail? | 4 |
| C. Briefly discuss the RMI Exception. | 4 |



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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2020-2021
Unit Test- I**

Name of Faculty: Ms. Asfiya Shaikh

Subject: Data communication and network

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 14 |
| 2 | A..P. BANNAGARE. | 16 |
| 3 | D.S. WAKARKAR | 18 |
| 4 | G.S. BOBADE | 12 |
| 5 | K.K. WAURKAR | 14 |
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| 7 | M.A. HEMNE | 17 |
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| 9 | N.H. SONWANE | 19 |
| 10 | N.N. ATRAM | 15 |
| 11 | P.D. THAKARE | AB |
| 12 | P.M. FALKE | AB |
| 13 | P.M. PATIL | 16 |
| 14 | P.S. YADAV | 14 |
| 15 | R.R. NIKHAR | AB |
| 16 | R.J. FARKADE | 18 |
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| 18 | S.N. BAJI | AB |

| | | |
|----|-----------------|----|
| 19 | S.S. KATKE | 20 |
| 20 | S.S. CHATAP | 20 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | 16 |
| 23 | S.M. KAREMORE | 15 |
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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2020-2021
Unit test-II**

Name of Faculty: Ms. Asfiya Shaikh

Subject: Data communication and network

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 14 |
| 2 | A..P. BANNAGARE. | 15 |
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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Master in Computer Application (MCA) Semester-I Examination 2022
Data communication and network
Unit Test -I
Semester-I Paper-II**

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

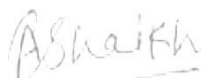
Marks: 16

- A. Explain the services of OSI reference model in detail. 8
- B. What are transmission media? Explain analog transmission in detail. 8
- C. Explain error detection and correction in data link layer. Also discuss design issues? 8
- D. Explain how internet works in Presentation Layer. Give examples Presentation Layer. 8

Q2. Answer the Following (Any 1)

Marks: 4

- A. Explain ISDN in detail. 4
- B. Explain remote procedure call in detail? 4
- C. Explain Design issues of Application Layer? 4



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Master in Computer Application (MCA) Semester-I Examination 2022
Data communication and network
Unit Test -II
Semester-I Paper-II

Time: 1 Hrs.

Marks: 20

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|--|---|
| A. Write a note on Firewall. | 8 |
| B. Explain RSA algorithm with suitable example. | 8 |
| C. Explain IDEA Algorithm in detail? | 8 |
| D. What is Hash function? Explain SHA algorithm. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|---|---|
| A. What is Cryptography? Explain cipher block chaining mode of operation. | 4 |
| B. Discuss Packet Filtering in detail? | 4 |
| C. Write a short note on Message Digests and Checksums. | 4 |

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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2022-2023
Unit Test- I**

Name of Faculty: Mr.A.A.Bodkhe

Subject: Open Source Web Programming using PHP

Maximum Marks: 20

| Sr.No | Name of Student | Obtained marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 13 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 14 |
| 4 | G.S. BOBADE | 13 |
| 5 | K.K. WAURKAR | 16 |
| 6 | K.B. DEWALKAR | 14 |
| 7 | M.A. HEMNE | 19 |
| 8 | M.V. BEJANKIWAR | 13 |
| 9 | N.H. SONWANE | 17 |
| 10 | N.N. ATRAM | 15 |
| 11 | P.D. THAKARE | AB |

| | | |
|----|-----------------|----|
| 12 | P.M. FALKE | AB |
| 13 | P.M. PATIL | 16 |
| 14 | P.S. YADAV | 14 |
| 15 | R.R. NIKHAR | 12 |
| 16 | R.J. FARKADE | 14 |
| 17 | R.J. TEMBHURNE | 18 |
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 18 |
| 20 | S.S. CHATAP | 18 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | 16 |
| 23 | S.M. KAREMORE | 15 |
| 24 | U.G. SHIRPURKAR | 17 |

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S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2022-2023
Unit Test- II**

Name of Faculty: Mr.A.A.Bodkhe

Subject: Open Source Web Programming using PHP Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 14 |
| 2 | A..P. BANNAGARE. | 16 |
| 3 | D.S. WAKARKAR | 18 |
| 4 | G.S. BOBADE | 13 |
| 5 | K.K. WAURKAR | 16 |
| 6 | K.B. DEWALKAR | 17 |
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| | | |
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| 8 | M.V. BEJANKIWAR | 13 |
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| 15 | R.R. NIKHAR | 12 |
| 16 | R.J. FARKADE | 14 |
| 17 | R.J. TEMBHURNE | 18 |
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 14 |
| 20 | S.S. CHATAP | 14 |
| 21 | S.D. ARSAD | 13 |
| 22 | S.B. THAKUR | 14 |
| 23 | S.M. KAREMORE | 14 |
| 24 | U.G. SHIRPURKAR | 14 |

Asdehe

Signature of the Teacher

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**Head
Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-I Examination 2020-21
Open Source Web Programming using PHP
Unit Test -I
Semester-I Paper-III

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|--|---|
| E. Explain Embedding PHP in Web Pages. | 8 |
| F. Explain POSIX-Style Regular Expressions. | 8 |
| G. What is function? How to create a function? | 8 |
| H. Explain installing and configuring PHP on Linux platform. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Explain any two Operators. | 4 |
| B. Write a short note on Comparing Strings. | 4 |

C. Explain Associative array in PHP.

4



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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-I Examination 2020-21
Open Source Web Programming using PHP
Unit Test -II
Semester-I Paper-III

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|---|---|
| E. Explain session with example. | 8 |
| F. Explain cookies with example. | 8 |
| G. Explain how to embedding an image in a page. | 8 |
| H. Explain classes and objects with example. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|----------------------------------|---|
| A. Write a note on Interfaces. | 4 |
| B. Write a note on web services. | 4 |
| C. Write a note on web services. | 4 |



Signature of the Teacher



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Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2022-2023
Unit test-I

Name of Faculty: A.M.Taori

Subject: Advanced DBMS and Administration

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 16 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 14 |
| 4 | G.S. BOBADE | 12 |
| 5 | K.K. WAURKAR | 16 |
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| 12 | P.M. FALKE | 18 |
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| 15 | R.R. NIKHAR | 12 |
| 16 | R.J. FARKADE | 18 |

| | | |
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| 17 | R.J. TEMBHURNE | 19 |
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 20 |
| 20 | S.S. CHATAP | 20 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | 16 |
| 23 | S.M. KAREMORE | 15 |
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A.M. Taori

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Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-I
Session 2020-2021
Unit test-IV

Name of Faculty: A.M.Taori

Subject: Advanced DBMS and Administration

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 12 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 18 |
| 4 | G.S. BOBADE | 14 |
| 5 | K.K. WAURKAR | 13 |
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| 17 | R.J. TEMBHURNE | 14 |

| | | |
|----|-----------------|----|
| 18 | S.N. BAJI | 16 |
| 19 | S.S. KATKE | 13 |
| 20 | S.S. CHATAP | 15 |
| 21 | S.D. ARSAD | 18 |
| 22 | S.B. THAKUR | 17 |
| 23 | S.M. KAREMORE | 14 |
| 24 | U.G. SHIRPURKAR | 20 |

A.M. Taori

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S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-I Examination 2020-21
Advanced DBMS and Administration
Unit Test -I
Semester-I Paper-IV

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- A. What is Query Execution Plan? Explain it in detail. 8
- B. What is Multiple Index Access? 8
- C. Explain the communication between client and Servers in detail. 8
- D. Explain the different types of Failure in detail. 8

Q2. Answer the Following (Any 1)

Marks: 4

- A. What is Shadow paging and Checkpoint? 4
- B. Discuss about Crash Recovery in detail. 4
- C. Explain the functions of Client and Server in detail. 4

A.M. Taori

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Congress Nagar, Nagour

Master in Computer Application (MCA) Semester-I Examination 2020-21
Advanced DBMS and Administration

Unit Test -II
Semester-I Paper-IV

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|--|---|
| A. What is Query Execution Plan? Explain it in detail. | 8 |
| B. What is Multiple Index Access? | 8 |
| C. Explain the communication between client and Servers in detail. | 8 |
| D. Explain the different types of Failure in detail. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

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|--|---|
| A. What is Shadow paging and Checkpoint? | 4 |
| B. Discuss about Crash Recovery in detail. | 4 |
| C. Explain the functions of Client and Server in detail. | 4 |

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Department of Computer Science
MCA –I Semester-I
Session 2020-2021
Unit Test- I**

Name of Faculty: Mr.A.A.Bodkhe

Subject: Software Engineering

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 12 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 17 |
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Department of Computer Science
MCA –I Semester-I
Session 2022-2023
Unit Test- II

Name of Faculty: Mr.A.A.Bodkhe

Subject: Software Engineering

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 14 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 15 |
| 4 | G.S. BOBADE | 14 |
| 5 | K.K. WAURKAR | 14 |
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| 16 | R.J. FARKADE | AB |
| 17 | R.J. TEMBHURNE | 14 |

| | | |
|----|-----------------|----|
| 18 | S.N. BAJI | 14 |
| 19 | S.S. KATKE | 13 |
| 20 | S.S. CHATAP | 14 |
| 21 | S.D. ARSAD | 18 |
| 22 | S.B. THAKUR | 13 |
| 23 | S.M. KAREMORE | 14 |
| 24 | U.G. SHIRPURKAR | 20 |

Asdehe

Signature of the Teacher

[Handwritten Signature]

**Head
Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am't's Science College.
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-I Examination 2020
Software Engineering
Unit Test -I
Semester-I Paper-V

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|---|---|
| E. Explain software myths in detail. | 8 |
| F. Explain waterfall model in detail. | 8 |
| G. Describe Context model in detail. | 8 |
| H. Explain the terms Design process and Design Quality. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Explain Changing the nature of Software. | 4 |
| B. Write a note on Process pattern. | 4 |
| C. Write a note feasibility study. | 4 |



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Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-I Examination 2020
Software Engineering
Unit Test -II
Semester-I Paper-V

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|--|---|
| E. Differentiate between White Box testing and Black box testing | 8 |
| F. Explain Object oriented design process. | 8 |
| G. Explain RMMM plan in detail. | 8 |
| H. Explain The ISO 9000 quality standards. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---------------------------------------|---|
| A. Write a note on Design evaluation. | 4 |
| B. Write a note on Risk projection. | 4 |
| C. Write a note on Golden rule. | 4 |

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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit Test- I**

Name of Faculty: Mr.A.A.Bodkhe

Subject: Big Data Analytics

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | AKANSHA NILESH SALVE | 12 |
| 2 | ANANNYA RAJU RAMTEKE | 13 |
| 3 | ANJALI RAJU KUSHWAHA | 14 |
| 4 | ANUSHRI M. GUDHANE | 18 |
| 5 | APURVA S. KARANKAR | 19 |
| 6 | CHETAN D. CHANNE | AB |
| 7 | DIKSHITA PRAMOD PATIL | 16 |
| 8 | KAJAL P. VISHWAKARMA | 15 |
| 9 | MOURVI ASHOK RANGARI | 13 |
| 10 | N. F.K. ALAMANSARI | 12 |
| 11 | POOJA C. UKEY | AB |
| 12 | PRACHI ASHOK KHAIRKAR | 14 |
| 13 | PRITTY THOMAS | 15 |

| | | |
|----|------------------------|----|
| 14 | PRIYA D. KHAPRE | 17 |
| 15 | RENUKA DINESH PALIWAL | 10 |
| 16 | SHRUTI P. MUKWANE | 11 |
| 17 | S.T.S. ALI SHAUKAT | 13 |
| 18 | VAIBHAV SURESH SILEDAR | 14 |
| 19 | YASHWANTA D. CHANDNE | 15 |

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Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit Test- II**

Name of Faculty: Mr.A.A.Bodkhe

Subject: Big Data Analytics

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | AKANSHA NILESH SALVE | 13 |
| 2 | ANANNYA RAJU RAMTEKE | 13 |
| 3 | ANJALI RAJU KUSHWAHA | 14 |
| 4 | ANUSHRI M. GUDHANE | 14 |
| 5 | APURVA S. KARANKAR | 19 |
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| 8 | KAJAL P. VISHWAKARMA | 16 |
| 9 | MOURVI ASHOK RANGARI | 13 |
| 10 | N. F.K. ALAMANSARI | 13 |
| 11 | POOJA C. UKEY | AB |
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| 13 | PRITTY THOMAS | 16 |
| 14 | PRIYA D. KHAPRE | 17 |
| 15 | RENUKA DINESH PALIWAL | 11 |
| 16 | SHRUTI P. MUKWANE | 11 |
| 17 | S.T.S. ALI SHAUKAT | 13 |
| 18 | VAIBHAV SURESH SILEDAR | 15 |
| 19 | YASHWANTA D. CHANDNE | 15 |

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[Handwritten Signature]

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Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-III Examination 2020

Big Data Analytics

Unit Test -I

Semester-III Paper-I

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|---|---|
| A. What is Big data? Explain different advantages of Bigdata. | 8 |
| B. Explain Distributed and Parallel Computing in Big Data. | 8 |
| C. Explain Hadoop Distributed file system. | 8 |
| D. Write a short notes on i) Data Source Layer ii) Ingestion Layer. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Write a note on RDBMS. | 4 |
| B. Write a note on Visualization Layer. | 4 |
| C. Write a note on CAP Theorem. | 4 |



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Master in Computer Application (MCA) Semester-III Examination 2020

Big Data Analytics

Unit Test -II

Semester-III Paper-I

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|---|---|
| A. Explain Using c() Command. | 8 |
| B. What is Visualization? Explain types of Visualization. | 8 |
| C. Explain Mobile Analytics Tools. | 8 |
| D. Explain Challenges of Mobile Analytics | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Explain Advance Features of R. | 4 |
| B. Write a note on Reading Data from RStudio. | 4 |
| C. Write a note on Text Mining Processes | 4 |



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit test-I

Name of Faculty: S.b. Raipure
Subject: Data Mining

Maximum Marks: 20

| Sr.No | Name of Student | Test I based on (unit I & II) |
|--------------|------------------------|--|
| 1 | AKANSHA NILESH SALVE | 17 |
| 2 | ANANNYA RAJU RAMTEKE | 15 |
| 3 | ANJALI RAJU KUSHWAHA | 18 |
| 4 | ANUSHRI M. GUDHANE | 14 |
| 5 | APURVA S. KARANKAR | AB |
| 6 | CHE TAN D. CHANNE | 16 |
| 7 | DIKSHITA PRAMOD PATIL | 18 |
| 8 | KAJAL P. VISHWAKARMA | AB |
| 9 | MOURVI ASHOK RANGARI | 15 |
| 10 | N. F.K. ALAMANSARI | 14 |
| 11 | POOJA C. UKEY | 12 |
| 12 | PRACHI ASHOK KHAIRKAR | 16 |
| 13 | PRITTY THOMAS | 18 |
| 14 | PRIYA D. KHAPRE | 10 |
| 15 | RENUKA DINESH PALIWAL | 12 |
| 16 | SHRUTI P. MUKWANE | 14 |

| | | |
|----|------------------------|----|
| 17 | S.T.S. ALI SHAUKAT | AB |
| 18 | VAIBHAV SURESH SILEDAR | 18 |
| 19 | YASHWANTA D. CHANDNE | 18 |

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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit test-II**

Name of Faculty: S.b. Raipure

Subject: Data mining

Maximum Marks: 20

| Sr.No | Name of Student | Test II based on (unit III & IV) |
|--------------|------------------------|---|
| 1 | AKANSHA NILESH SALVE | 12 |
| 2 | ANANNYA RAJU RAMTEKE | 18 |
| 3 | ANJALI RAJU KUSHWAHA | 14 |
| 4 | ANUSHRI M. GUDHANE | 16 |
| 5 | APURVA S. KARANKAR | 19 |
| 6 | CHETAN D. CHANNE | 17 |
| 7 | DIKSHITA PRAMOD PATIL | 12 |
| 8 | KAJAL P. VISHWAKARMA | 13 |
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| 11 | POOJA C. UKEY | 19 |
| 12 | PRACHI ASHOK KHAIRKAR | 14 |
| 13 | PRITTY THOMAS | 16 |
| 14 | PRIYA D. KHAPRE | 15 |
| 15 | RENUKA DINESH PALIWAL | 18 |
| 16 | SHRUTI P. MUKWANE | 11 |

| | | |
|----|------------------------|----|
| 17 | S.T.S. ALI SHAUKAT | 11 |
| 18 | VAIBHAV SURESH SILEDAR | 18 |
| 19 | YASHWANTA D. CHANDNE | 18 |

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Master in Computer Application (MCA) Semester-II Examination 2020

Data Mining

Unit Test -I

Semester-III Paper-II

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|--|---|
| A. Explain the origin of Data Mining? | 8 |
| B. Explain data preprocessing in detail? | 8 |
| C. Define Classification? Explain decision tree induction in detail? | 8 |
| D. What are the methods for comparing classifiers? | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|---|---|
| A. What is OLAP? Explain multidimensional data analysis in detail? | 4 |
| B. Write different Data Mining tasks in detail? | 4 |
| C. What is Visualization? Explain different Visualization techniques in detail? | 4 |

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Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2020

Data Mining

Unit Test -II

Semester-III Paper-II

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|--|---|
| A Explain Bayesian Classifier in detail. | 8 |
| B. Explain Artificial neural network in detail(ANN)? | 8 |
| C. Explain SNN Density –based Custering. | 8 |
| E. Explain cluster based techniques in detail? | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|--|---|
| A. Explain Naïve Bayes Classifier in detail. | 4 |
| B. Explain SNN Density –based Custering. | 4 |
| C. Explain Graph based Clustering in detail. | 4 |

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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit Test- I**

Name of Faculty: Mr.A.A.Bodkhe

Subject: Python Programming

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | AKANSHA NILESH SALVE | 10 |
| 2 | ANANNYA RAJU RAMTEKE | 12 |
| 3 | ANJALI RAJU KUSHWAHA | 13 |
| 4 | ANUSHRI M. GUDHANE | 14 |
| 5 | APURVA S. KARANKAR | 15 |
| 6 | CHETAN D. CHANNE | 18 |
| 7 | DIKSHITA PRAMOD PATIL | 17 |
| 8 | KAJAL P. VISHWAKARMA | 15 |
| 9 | MOURVI ASHOK RANGARI | 14 |
| 10 | N. F.K. ALAMANSARI | 11 |
| 11 | POOJA C. UKEY | 15 |
| 12 | PRACHI ASHOK KHAIRKAR | 14 |
| 13 | PRITTY THOMAS | 18 |
| 14 | PRIYA D. KHAPRE | 19 |
| 15 | RENUKA DINESH PALIWAL | 17 |
| 16 | SHRUTI P. MUKWANE | 14 |

| | | |
|----|------------------------|----|
| 17 | S.T.S. ALI SHAUKAT | AB |
| 18 | VAIBHAV SURESH SILEDAR | 17 |
| 19 | YASHWANTA D. CHANDNE | 16 |

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Signature of the Teacher

[Handwritten Signature]

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Department of the Computer Science**



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Department of Computer Science
S.S.E.S. Ami's Science College,
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit Test- II

Name of Faculty: Mr.A.A.Bodkhe

Subject: Python Programming

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | AKANSHA NILESH SALVE | 10 |
| 2 | ANANNYA RAJU RAMTEKE | 11 |
| 3 | ANJALI RAJU KUSHWAHA | 14 |
| 4 | ANUSHRI M. GUDHANE | 12 |
| 5 | APURVA S. KARANKAR | 14 |
| 6 | CHETAN D. CHANNE | 15 |
| 7 | DIKSHITA PRAMOD PATIL | 18 |
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| 11 | POOJA C. UKEY | 13 |
| 12 | PRACHI ASHOK KHAIRKAR | 12 |
| 13 | PRITTY THOMAS | 16 |
| 14 | PRIYA D. KHAPRE | 17 |
| 15 | RENUKA DINESH PALIWAL | 15 |
| 16 | SHRUTI P. MUKWANE | 12 |
| 17 | S.T.S. ALI SHAUKAT | 11 |
| 18 | VAIBHAV SURESH SILEDAR | 10 |

| | | |
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| 19 | YASHWANTA D. CHANDNE | 14 |
|----|----------------------|----|

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Department of the Computer Science**



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Department of Computer Science
S.S.E.S. Ami's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-III Examination 2020
Python Programming
Unit Test -I
Semester-III Paper-III

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|--|---|
| A. What is Python? Explain different types of lists. | 8 |
| B. What is Tuples? Explain tuples in detail. | 8 |
| C. Explain the working of sy module. | 8 |
| D. Explain the working with os module. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Write a note on Multithreading. | 4 |
| B. Write a note on Unicode Strings. | 4 |
| C. Write a note on Built in exceptions. | 4 |



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S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-III Examination 20220
Python Programming
Unit Test -II
Semester-III Paper-III

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|---|---|
| A. Explain workings with files. | 8 |
| B. Explain File/Directory Management. | 8 |
| C. Explain Uniform Resource Locators and cookies. | 8 |
| D. Explain Socket Server in detail. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|------------------------------------|---|
| A. Explain Processing XML. | 4 |
| B. Write a note on File Locking. | 4 |
| C. Write a note on Graphic Modules | 4 |



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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit Test- I**

Name of Faculty: Ms. Asfiya Shaikh

Subject: Artificial Intelligence

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | AKANSHA NILESH SALVE | 10 |
| 2 | ANANNYA RAJU RAMTEKE | 11 |
| 3 | ANJALI RAJU KUSHWAHA | 14 |
| 4 | ANUSHRI M. GUDHANE | 12 |
| 5 | APURVA S. KARANKAR | 14 |
| 6 | CHETAN D. CHANNE | 15 |
| 7 | DIKSHITA PRAMOD PATIL | 18 |
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| 9 | MOURVI ASHOK RANGARI | 14 |
| 10 | N. F.K. ALAMANSARI | 15 |
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| 12 | PRACHI ASHOK KHAIRKAR | 12 |
| 13 | PRITTY THOMAS | 16 |
| 14 | PRIYA D. KHAPRE | 17 |
| 15 | RENUKA DINESH PALIWAL | 15 |
| 16 | SHRUTI P. MUKWANE | 12 |
| 17 | S.T.S. ALI SHAUKAT | 11 |

| | | |
|----|------------------------|----|
| 18 | VAIBHAV SURESH SILEDAR | 10 |
| 19 | YASHWANTA D. CHANDNE | 14 |

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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit Test- II**

Name of Faculty: Ms. Asfiya Shaikh

Subject: Artificial Intelligence

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | AKANSHA NILESH SALVE | 10 |
| 2 | ANANNYA RAJU RAMTEKE | 11 |
| 3 | ANJALI RAJU KUSHWAHA | 14 |
| 4 | ANUSHRI M. GUDHANE | 12 |
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Master in Computer Application (MCA) Semester-III Examination 2020
Artificial Intelligence
Unit Test -I
Semester-III Paper-IV

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|--|---|
| A. What is Artificial Intelligence? Describe different AI Techniques, and its applications | 8 |
| B. Write an algorithm for the breadth-first search strategies. | 8 |
| What is knowledge representation? State the characteristics of good knowledge representation system. | 8 |
| C. Differentiate between Forward versus Backward reasoning. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|---|---|
| A. Write A* algorithm and discuss briefly the various observations about algorithm. | 4 |
| B. Write notes on: (i) Expert system (ii) Control knowledge. | 4 |
| C. What is predicate logic? Explain resolution in predicate logic. | 4 |



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Master in Computer Application (MCA) Semester-III Examination 2020

Artificial Intelligence

Unit Test -II

Semester-III Paper-IV

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- A. What is Planning system? Explain the components of a planning system. 8
- B. Explain the following terms in detail: 8
(i) Alpha-Beta cut-offs (ii) Additional refinement.
- C. What is understanding? Justify the statement "Understanding as Constraint Satisfaction." 8
- D. What is constraint satisfaction? Explain in detail. 8

Q2. Answer the Following (Any 1)

Marks: 4

- A. What is Adding Alpha beta cutoff. Explain in detail 4
- B. What is Planning? Explain component of planning in detail. 4
- C. Explain Natural Language Processing? 4

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Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit test-I

Name of Faculty: Shivani Pawade
Subject: Soft Computing

Maximum Marks: 20

| Sr.No | Name of Student | Test I based on (unit I & II) |
|--------------|------------------------|--|
| 1 | AKANSHA NILESH SALVE | 18 |
| 2 | ANANNYA RAJU RAMTEKE | 15 |
| 3 | ANJALI RAJU KUSHWAHA | 19 |
| 4 | ANUSHRI M. GUDHANE | 14 |
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| 7 | DIKSHITA PRAMOD PATIL | 17 |
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| 12 | PRACHI ASHOK KHAIRKAR | 18 |
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| 14 | PRIYA D. KHAPRE | 16 |
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| | | |
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| 18 | VAIBHAV SURESH SILEDAR | 15 |
| 19 | YASHWANTA D. CHANDNE | 16 |



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SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –II Semester-III
Session 2020-2021
Unit test-II**

Name of Faculty: Shivani Pawade

Subject: Soft Computing

Maximum Marks: 20

| Sr.No | Name of Student | Test II based on (unit III & IV) |
|--------------|------------------------|---|
| 1 | AKANSHA NILESH SALVE | 15 |
| 2 | ANANNYA RAJU RAMTEKE | 18 |
| 3 | ANJALI RAJU KUSHWAHA | 17 |
| 4 | ANUSHRI M. GUDHANE | 18 |
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| 12 | PRACHI ASHOK KHAIRKAR | 13 |
| 13 | PRITTY THOMAS | 15 |
| 14 | PRIYA D. KHAPRE | 14 |
| 15 | RENUKA DINESH PALIWAL | AB |
| 16 | SHRUTI P. MUKWANE | 16 |

| | | |
|----|------------------------|----|
| 17 | S.T.S. ALI SHAUKAT | 19 |
| 18 | VAIBHAV SURESH SILEDAR | 18 |
| 19 | YASHWANTA D. CHANDNE | 19 |



Signature of the Teacher



**Head
Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2020-21

Soft Computing

Unit Test -I

Semester-III Paper-V

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- E. What is Searching techniques? Explain Breadth First Search and Depth First Search in detail. 8
- F. Write a note on 1) A* algorithm
2)AO* algorithm 8
- G. Explain Mc Culloch –Pits Neuron model in detail 8
- H. What is Perceptron? Explain Single Layer and Multilayer Perceptron in detail. 8

Q2. Answer the Following (Any 1)

Marks: 4

- A. Write a note on Iterative Deepning. 4
- B. Explain Different Activation functions in learning methods. 4
- C. Write a short note on Dempster Shefer theory? 4



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S.S.E.S. Am's Science College,
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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit Test- I**

Name of Faculty: Mr.A.A.Bodkhe

Subject: C# and ASP .NET

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 15 |
| 2 | A..P. BANNAGARE. | 11 |
| 3 | D.S. WAKARKAR | 12 |
| 4 | G.S. BOBADE | 13 |
| 5 | K.K. WAURKAR | 15 |
| 6 | K.B. DEWALKAR | 14 |
| 7 | M.A. HEMNE | 16 |
| 8 | M.V. BEJANKIWAR | 13 |
| 9 | N.H. SONWANE | 12 |
| 10 | N.N. ATRAM | AB |
| 11 | P.D. THAKARE | 11 |
| 12 | P.M. FALKE | AB |
| 13 | P.M. PATIL | 11 |
| 14 | P.S. YADAV | 13 |
| 15 | R.R. NIKHAR | 12 |
| 16 | R.J. FARKADE | 14 |
| 17 | R.J. TEMBHURNE | AB |

| | | |
|----|-----------------|----|
| 18 | S.N. BAJI | 14 |
| 19 | S.S. KATKE | 12 |
| 20 | S.S. CHATAP | AB |
| 21 | S.D. ARSAD | 12 |
| 22 | S.B. THAKUR | 14 |
| 23 | S.M. KAREMORE | 15 |
| 24 | U.G. SHIRPURKAR | 18 |

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**Head
Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am't's Science College,
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit Test- II**

Name of Faculty: Mr.A.A.Bodkhe

Subject: C# and ASP .NET

Maximum Marks: 20

| Sr.No | Name of Student | Obtained marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 10 |
| 2 | A..P. BANNAGARE. | 12 |
| 3 | D.S. WAKARKAR | 15 |
| 4 | G.S. BOBADE | 14 |
| 5 | K.K. WAURKAR | 11 |
| 6 | K.B. DEWALKAR | AB |
| 7 | M.A. HEMNE | 16 |
| 8 | M.V. BEJANKIWAR | 12 |
| 9 | N.H. SONWANE | 11 |
| 10 | N.N. ATRAM | 10 |
| 11 | P.D. THAKARE | 07 |
| 12 | P.M. FALKE | 10 |
| 13 | P.M. PATIL | 11 |
| 14 | P.S. YADAV | AB |
| 15 | R.R. NIKHAR | AB |

| | | |
|----|-----------------|-----------|
| 16 | R.J. FARKADE | 12 |
| 17 | R.J. TEMBHURNE | 13 |
| 18 | S.N. BAJI | 14 |
| 19 | S.S. KATKE | 15 |
| 20 | S.S. CHATAP | 17 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | 16 |
| 23 | S.M. KAREMORE | 10 |
| 24 | U.G. SHIRPURKAR | 11 |

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Signature of the Teacher

[Signature]

**Head
Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College.
Congress Nagar, Nagpur

**Master in Computer Application (MCA) Semester-II Examination 2020
C# and ASP .NET**

Unit Test -I
Semester-II Paper-I

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|--|---|
| A. Explain .NET architecture in detail. | 8 |
| B. Explain Common language runtime in detail. | 8 |
| C. Explain Reading and Writing binary files. | 8 |
| D. Explain the Concept of Boxing and Unboxing. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Explain Enumeration type with example. | 4 |
| B. Write a note on Metadata. | 4 |
| C. Write a note Garbage Collector. | 4 |



Signature of the Teacher



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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

C# and ASP .NET
Unit Test -II
Semester-II Paper-I

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|--|---|
| A. Differentiate between C# and VB.NET. | 8 |
| B. What is IIS? Write down steps for Installing IIS? | 8 |
| C. Explain different types of Common errors. | 8 |
| D. Explain the ASP .NET Security Model. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|-----------------------------------|---|
| A. Write a note on Namespace. | 4 |
| B. Write a note on AutoPostBack. | 4 |
| C. Write a note on bin directory. | 4 |

Asdehe

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[Handwritten Signature]

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Department of the Computer Science

Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit test-I**

Name of Faculty: S.b.Raipure

Subject: Cloud Computing

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 15 |
| 2 | A..P. BANNAGARE. | AB |
| 3 | D.S. WAKARKAR | AB |
| 4 | G.S. BOBADE | 16 |
| 5 | K.K. WAURKAR | 15 |
| 6 | K.B. DEWALKAR | 17 |
| 7 | M.A. HEMNE | 20 |
| 8 | M.V. BEJANKIWAR | 19 |
| 9 | N.H. SONWANE | 14 |
| 10 | N.N. ATRAM | 18 |
| 11 | P.D. THAKARE | 19 |
| 12 | P.M. FALKE | AB |
| 13 | P.M. PATIL | 16 |
| 14 | P.S. YADAV | 12 |
| 15 | R.R. NIKHAR | 13 |
| 16 | R.J. FARKADE | 15 |
| 17 | R.J. TEMBHURNE | 18 |
| 18 | S.N. BAJI | AB |

| | | |
|----|-----------------|----|
| 19 | S.S. KATKE | 19 |
| 20 | S.S. CHATAP | 19 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | 12 |
| 23 | S.M. KAREMORE | 12 |
| 24 | U.G. SHIRPURKAR | 15 |



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Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit test-II

Name of Faculty: S.b.Raipure

Subject: Cloud Computing

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 12 |
| 2 | A..P. BANNAGARE. | 18 |
| 3 | D.S. WAKARKAR | 19 |
| 4 | G.S. BOBADE | 15 |
| 5 | K.K. WAURKAR | 13 |
| 6 | K.B. DEWALKAR | 12 |
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| 8 | M.V. BEJANKIWAR | 18 |
| 9 | N.H. SONWANE | 15 |
| 10 | N.N. ATRAM | AB |
| 11 | P.D. THAKARE | 15 |
| 12 | P.M. FALKE | 18 |
| 13 | P.M. PATIL | 17 |
| 14 | P.S. YADAV | 16 |
| 15 | R.R. NIKHAR | 12 |
| 16 | R.J. FARKADE | 11 |
| 17 | R.J. TEMBHURNE | 15 |

| | | |
|----|-----------------|----|
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 14 |
| 20 | S.S. CHATAP | 19 |
| 21 | S.D. ARSAD | AB |
| 22 | S.B. THAKUR | 10 |
| 23 | S.M. KAREMORE | 15 |
| 24 | U.G. SHIRPURKAR | 18 |



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S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2021
Cloud Computing
Unit Test -I
Semester-II Paper-II

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|---|---|
| D. What is Cloud Computing? Explain the different Challenges occurred in Cloud Computing. | 8 |
| E. Explain different types of Clouds in detail. | 8 |
| F. Explain the various Cloud Applications with examples. | 8 |
| G. Write any two Application developers in cloud computing. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|--|---|
| A. Explain the types of hypervisors in detail. | 4 |
| B. Write Programming Support of Google App Engine. | 4 |
| C. Write a note on Microsoft Cloud Services. | 4 |

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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2021

Cloud Computing

Unit Test -II

Semester-II Paper-II

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- E. What is Threat? Explain different Threat Agents in cloud Computing. 8
- F. What are the Issues Occurs in Cloud Computing? 8
- G. Explain How the cloud will change Operating System?. 8
- H. Write different Examples of Home Based Cloud Computing? 8

Q2. Answer the Following (Any 1)

Marks: 4

- A. Explain Regulatory Issues and Accountability in Cloud Computing. 4
- B. Explain the Online Social and Professional Networking in detail. 4
- C. Write different Examples of Home Based Cloud Computing? 4



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Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit test-I

Name of Faculty: Ms. Asfiya Shaikh

Subject: Computer Graphics

Maximum Marks: 20

| Sr.No | Name of Students | Obtained Marks |
|--------------|-------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 12 |
| 2 | A..P. BANNAGARE. | 10 |
| 3 | D.S. WAKARKAR | 11 |
| 4 | G.S. BOBADE | 13 |
| 5 | K.K. WAURKAR | 14 |
| 6 | K.B. DEWALKAR | 12 |
| 7 | M.A. HEMNE | 11 |
| 8 | M.V. BEJANKIWAR | 19 |
| 9 | N.H. SONWANE | 15 |
| 10 | N.N. ATRAM | AB |
| 11 | P.D. THAKARE | 12 |
| 12 | P.M. FALKE | 18 |
| 13 | P.M. PATIL | 18 |
| 14 | P.S. YADAV | 15 |
| 15 | R.R. NIKHAR | 12 |
| 16 | R.J. FARKADE | 11 |
| 17 | R.J. TEMBHURNE | 14 |
| 18 | S.N. BAJI | AB |

| | | |
|----|-----------------|----|
| 19 | S.S. KATKE | 13 |
| 20 | S.S. CHATAP | 19 |
| 21 | S.D. ARSAD | AB |
| 22 | S.B. THAKUR | 10 |
| 23 | S.M. KAREMORE | 12 |
| 24 | U.G. SHIRPURKAR | 18 |

Ashaikh

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Head

Department of the Computer Science



Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit test-II

Name of Faculty: Ms. Asfiya Shaikh

Subject: Computer Graphics

Maximum Marks: 20

| Sr.No | Name of Students | Obtained Marks |
|--------------|-------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 10 |
| 2 | A..P. BANNAGARE. | 11 |
| 3 | D.S. WAKARKAR | 18 |
| 4 | G.S. BOBADE | 14 |
| 5 | K.K. WAURKAR | 14 |
| 6 | K.B. DEWALKAR | 13 |
| 7 | M.A. HEMNE | 15 |
| 8 | M.V. BEJANKIWAR | 17 |
| 9 | N.H. SONWANE | 15 |
| 10 | N.N. ATRAM | AB |
| 11 | P.D. THAKARE | 15 |
| 12 | P.M. FALKE | 17 |
| 13 | P.M. PATIL | 16 |
| 14 | P.S. YADAV | 14 |
| 15 | R.R. NIKHAR | 13 |
| 16 | R.J. FARKADE | 12 |
| 17 | R.J. TEMBHURNE | 14 |
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 14 |

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|----|-----------------|----|
| 20 | S.S. CHATAP | 14 |
| 21 | S.D. ARSAD | AB |
| 22 | S.B. THAKUR | 10 |
| 23 | S.M. KAREMORE | 14 |
| 24 | U.G. SHIRPURKAR | 17 |

Ashaikh

Signature of the Teacher

[Handwritten Signature]

Head

Department of the Computer Science



Professor & Head
Department of Computer Science
S.S.E.S. Am't's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2020-21

**Computer Graphics
Unit Test -I
Semester-II Paper-III**

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|---|---|
| A. Explain normalized device co-ordinates. | 8 |
| B. Write and explain Bresenham Algorithm. | 8 |
| C. Explain DDA algorithm in detail. | 8 |
| D. Explain different Video display devices. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|---|---|
| A. Explain Logical classification of input devices. | 4 |
| B. Explain Scan-line polygon fill Algorithm. | 4 |
| C. Write a note on Mid-point circle algorithm. | 4 |

Ashaikh

Signature of the Teacher

[Signature]

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Department of the Computer Science



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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2020-21

**Computer Graphics
Unit Test -II
Semester-II Paper-III**

Time: 1 Hrs.

Marks: 20

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|--|---|
| A. What is clipping? Explain Sutherland Hodgman algorithm. | 8 |
| B. Explain Projection in detail. | 8 |
| C. Explain B-spline with example. | 8 |
| D. Explain Color models in detail. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|--|---|
| A. Explain different Color models in detail. | 4 |
| B. Write a note on Bezier curve. | 4 |
| C. Write a note on Hidden lines. | 4 |

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[Signature]

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Department of the Computer Science**



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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2022-2023
Unit Test- I

Name of Faculty: Mr.A.A.Bodkhe

Date: 17/04/2023

Subject: Computer Architecture and Organization

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 10 |
| 2 | A..P. BANNAGARE. | 12 |
| 3 | D.S. WAKARKAR | 13 |
| 4 | G.S. BOBADE | 14 |
| 5 | K.K. WAURKAR | 15 |
| 6 | K.B. DEWALKAR | 14 |
| 7 | M.A. HEMNE | 15 |
| 8 | M.V. BEJANKIWAR | 16 |
| 9 | N.H. SONWANE | 12 |
| 10 | N.N. ATRAM | AB |
| 11 | P.D. THAKARE | 10 |
| 12 | P.M. FALKE | 11 |
| 13 | P.M. PATIL | 12 |
| 14 | P.S. YADAV | 14 |
| 15 | R.R. NIKHAR | 15 |
| 16 | R.J. FARKADE | AB |
| 17 | R.J. TEMBHURNE | AB |
| 18 | S.N. BAJI | 14 |

| | | |
|----|-----------------|----|
| 19 | S.S. KATKE | 12 |
| 20 | S.S. CHATAP | 12 |
| 21 | S.D. ARSAD | 11 |
| 22 | S.B. THAKUR | 10 |
| 23 | S.M. KAREMORE | AB |
| 24 | U.G. SHIRPURKAR | 14 |

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Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit Test- II

Name of Faculty: Mr.A.A.Bodkhe

Subject: Computer Architecture and Organization

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 10 |
| 2 | A..P. BANNAGARE. | 11 |
| 3 | D.S. WAKARKAR | 11 |
| 4 | G.S. BOBADE | 11 |
| 5 | K.K. WAURKAR | 15 |
| 6 | K.B. DEWALKAR | 12 |
| 7 | M.A. HEMNE | 11 |
| 8 | M.V. BEJANKIWAR | 13 |
| 9 | N.H. SONWANE | 12 |
| 10 | N.N. ATRAM | AB |
| 11 | P.D. THAKARE | 10 |
| 12 | P.M. FALKE | 10 |
| 13 | P.M. PATIL | 12 |
| 14 | P.S. YADAV | 14 |
| 15 | R.R. NIKHAR | 14 |
| 16 | R.J. FARKADE | AB |
| 17 | R.J. TEMBHURNE | AB |

| | | |
|----|-----------------|----|
| 18 | S.N. BAJI | 14 |
| 19 | S.S. KATKE | 13 |
| 20 | S.S. CHATAP | 12 |
| 21 | S.D. ARSAD | 10 |
| 22 | S.B. THAKUR | 10 |
| 23 | S.M. KAREMORE | AB |
| 24 | U.G. SHIRPURKAR | 14 |

Asdehe

Signature of the Teacher

[Handwritten Signature]

**Head
Department of the Computer Science**



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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2020
Computer Architecture and Organization
Unit Test -I
Semester-II Paper-IV

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|---|---|
| H. Explain Organization of the CPU and main memory of the IAS computer. | 8 |
| I. Explain Structure of the IBM System/360. | 8 |
| J. Write down Booths multiplication algorithm. | 8 |
| K. Explain n-bit twos complement adder-subtractor. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Write a note on Performance measurement. | 4 |
| B. Write a note on two-stage pipeline. | 4 |
| C. Write a note on Superscalar processing. | 4 |



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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2020

Computer Architecture and Organization

Unit Test -II

Semester-II Paper-IV

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

- | | |
|--|---|
| I. Explain signal of the PCI standard bus. | 8 |
| J. What is memory? Explain memory types in detail. | 8 |
| K. Write notes on i) Access modes ii) Memory retention | 8 |
| L. Explain Direct Memory Access. | 8 |

Q2. Answer the Following (Any 1)

- | | |
|---|---|
| A. Explain Multilevel memories in detail. | 4 |
| B. Write a note on Pipeline interrupts. | 4 |
| C. Write a note Redundancy. | 4 |

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[Signature]

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Department of Computer Science
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**Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR
Department of Computer Science
MCA –I Semester-II
Session 2020-2021
Unit test-I**

Name of Faculty: S.B.Raipure

Subject: Android Programming

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 19 |
| 2 | A..P. BANNAGARE. | 18 |
| 3 | D.S. WAKARKAR | 14 |
| 4 | G.S. BOBADE | 16 |
| 5 | K.K. WAURKAR | 15 |
| 6 | K.B. DEWALKAR | 18 |
| 7 | M.A. HEMNE | 17 |
| 8 | M.V. BEJANKIWAR | AB |
| 9 | N.H. SONWANE | 16 |
| 10 | N.N. ATRAM | 18 |
| 11 | P.D. THAKARE | 14 |
| 12 | P.M. FALKE | 11 |
| 13 | P.M. PATIL | 12 |
| 14 | P.S. YADAV | 15 |
| 15 | R.R. NIKHAR | 18 |
| 16 | R.J. FARKADE | 14 |

| | | |
|----|-----------------|----|
| 17 | R.J. TEMBHURNE | 17 |
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 15 |
| 20 | S.S. CHATAP | 16 |
| 21 | S.D. ARSAD | 15 |
| 22 | S.B. THAKUR | AB |
| 23 | S.M. KAREMORE | 13 |
| 24 | U.G. SHIRPURKAR | 14 |

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Shri Shivaji Education Society Amravati's

SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR

Department of Computer Science

MCA –I Semester-II

Session 2020-2021

Unit test-II

Name of Faculty: S.B.Raipure

Subject: Android Programming

Maximum Marks: 20

| Sr.No | Name of Student | Obtained Marks |
|--------------|------------------------|-----------------------|
| 1 | A.B. PADWEKAR | 17 |
| 2 | A..P. BANNAGARE. | 15 |
| 3 | D.S. WAKARKAR | 19 |
| 4 | G.S. BOBADE | 18 |
| 5 | K.K. WAURKAR | 14 |
| 6 | K.B. DEWALKAR | 15 |
| 7 | M.A. HEMNE | 16 |
| 8 | M.V. BEJANKIWAR | 12 |
| 9 | N.H. SONWANE | 18 |
| 10 | N.N. ATRAM | 15 |
| 11 | P.D. THAKARE | 17 |
| 12 | P.M. FALKE | 16 |
| 13 | P.M. PATIL | 15 |
| 14 | P.S. YADAV | 12 |
| 15 | R.R. NIKHAR | 14 |
| 16 | R.J. FARKADE | 15 |
| 17 | R.J. TEMBHURNE | 09 |

| | | |
|----|-----------------|----|
| 18 | S.N. BAJI | AB |
| 19 | S.S. KATKE | 19 |
| 20 | S.S. CHATAP | 15 |
| 21 | S.D. ARSAD | 16 |
| 22 | S.B. THAKUR | 18 |
| 23 | S.M. KAREMORE | 17 |
| 24 | U.G. SHIRPURKAR | 14 |

Signature of the Teacher

**Head
Department of the Computer Science**



Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2020

Android Programming

Unit Test -I

Semester-II Paper-V

Time: 1 Hrs.

Marks: 20

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- | | |
|--|---|
| E. What is Android? Explain the different features and history of Android. | 8 |
| F. Explain the Architecture of Android in detail. | 8 |
| G. What is Activity? Explain the lifecycle of Activity in detail. | 8 |
| H. What is Intent? Explain the passing of data using an Intent object. | 8 |

Q2. Answer the Following (Any 1)

Marks: 4

- | | |
|---|---|
| A. Write a simple hello program in Android with its Output? | 4 |
| B. What is Fragment? Explain it in detail. | 4 |
| C. How we link an Activities using Intent? | 4 |

Signature of the Teacher

Head

Department of the Computer Science



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Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Master in Computer Application (MCA) Semester-II Examination 2023

Android Programming

Unit Test -II

Semester-II Paper-V

Time: 1 Hrs.

Marks: 20

Date: 29/05/2023

Note: 1) All questions are compulsory and carry equals marks.

Q1. Answer the Following (Any 2)

Marks: 16

- E. What is View? Explain different views in detail. 8
- F. What is Layout? Explain different layouts in detail. 8
- G. Develop an Application in android to save User Data Persistently in file? 8
- H. Explain Android Networking in detail. 8

Q2. Answer the Following (Any 1)

Marks: 4

- A. What is Menu? Explain Different Menus in detail. 4
- B. What is Notification Explain different notifications in detail. 4
- C. Explain the Working of Binary and Data and Text Files in Android. 4

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