. संगणकश्यास्व व माहितीतंत्ञज्ञान महाविद्यालय, लातूर.

NAAC Accredited Grade 'B'
Ambajogai Road, LATUR-413531 (Maharashtra)

## NOTICE

The Ad-On program on "Java Programming" is arranged on 28/01/2015 to 28/02/2015 for UG SY, TY and PG FY, SY students. Interested students should register their names with Mr. T. S. Kharbad on or before 28/01/2015.

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| :---: | :---: | :---: | :---: |
| COLLEGE OF COMPUTER SCIENCE AND INFORMATION "Java Programmig" |  |  |  |
| Registration list for: Add - 0 |  | Class | Mobile No. |
| Roll No. | Name of Student |  | 9881711981 |
| 1 | UPADHYE ANURADHA PRAKASH | $\frac{B . S c}{\text { B }}$ (SE) SY ${ }^{\text {d }}$ (SE) SY | 9423720516 |
| 2 | YEDLE JTTESH SHASHIKANT | $\frac{\text { B.Sc. }}{\text { B } .(S E) S E) S Y}$ | 9422639457 |
| 3 | YELALE ANJALI SANJIV | B.SC. ${ }^{\text {B.(SE) TY }}$ | 9860016285 |
| 4 | DONGARE POOJA SHIVLING | B.Sc.(SE) TY | 9665584312 |
| 5 | FULSURE KRUSHNA BUDDHIWANT | B.Sc.(CS) SY | 8446876712 |
| 6 | WAGHMARE SWAPNIL KUNDLIK | B.Sc.(CS) SY | 9881122076 |
| 7 | ZARKAR MONIKA RAJABHAU | $\frac{\mathrm{B} . \mathrm{Sc} .(\mathrm{CS}) \mathrm{SI}}{\mathrm{~B} . \mathrm{Sc} .(\mathrm{CS}) \mathrm{SY}}$ | 7776988615 |
| 8 | ZUNJARE KAIL AS ASHOK | $\frac{\mathrm{B} . \mathrm{Sc} .(\mathrm{CS}) \mathrm{SI}}{\mathrm{~B} . \mathrm{Sc} .(\mathrm{CS}) \mathrm{TY}}$ | 9689434548 |
| 9 | KUDALE GANESH LAKSHMAN | B.Sc.(CS) TY | 9850283927 |
| 10 | KUL.KARNI AJIT PRAKASHRAO | B.SC. SY | 8308851497 |
| 11 | SHIRAL. POOJA SURESH | BCA SY | 9405732832 |
| 12 | SONKAMBLE NEHA VIVEK | BCA SY | 94023265429 |
| 13 | SURKUTE PRATIK NAMDEV | BCA TY | 8605655747 |
| 14 | LAWATE DNYANESHWAR HANMANT | BCA TY | 8698236624 |
| 15 | MALI AMIT BALAJI | M.Sc.(CM)FY | 9561028111 |
| 16 | DESHPANDE MADHURA HEMANTRAO | M.Sc.(CM) SY | 9822509005 |
| 17 | KERURE LALITA RAMRAO | M.Sc.(CM) SY | 8983443339 |
| 18 | ANKULWAR RUPESH VASANTRA | M.Sc.(CS)FY | 9766390204 |
| 19 | INGOLE MANISHA NAMDEVRAO | M.Sc.(CS)FY | 7276800073 |
| 20 | ALANDKAR MAYUR SIDHARAJ | M.Sc.(CS)FY | 997545627 |
| 21 | PATHAN NIKHAT BEGUM SIKANDAR | M.Sc.(CS)SY | 9922346275 |
| 22 | SHAIKH ASHIFH HUSEN | M.Sc.(CS)SY | 9422469232 |
| 23 | SHAIKH ALVEERA KHADIR | M.Sc.(SE)FY | 9527760482 |
| 24 | SURVASE MANOJ BIBHISHAN | M.Sc.(SE)FY | 7743868679 |
| 25 | SHISODE SOJAR TUKARAM | M.Sc.(SE)SY | 9503352003 |
| 26 | PAWAR DHANANJAY VISHVASRA | M.Sc.(SE)SY | 02382222192 |
| 27 | WAGHMARE REKHA DNYANOBA | M.Sc.(SAN)SY | 9960504044 |
| 28 | MUGLE VIKRAM LAXMANRAO | M.Sc.(SAN)FY | 8390523792 |
| 29 | GAIKWAD SWARUP SUDAM | M.Sc.(SAN)FY | 8390523792 |

## 7

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30-Days Add-On Program

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\begin{gathered}
\text { On } \\
\text { "Java Programming" } \\
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1. Name
2. Class
3. Contact No.


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> "Java Programming"
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## Department of Computer Science

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On
"Java Programming"

## Registration Form

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3. Contact No.

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On
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2. Class
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1. Name
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zunjare kailas Ashok
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3. Contact No.

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## 30-Days Add-On Program

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\text { "Java Programming" } \\
\text { Registration Form }
\end{gathered}
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1. Name
2. Class
3. Contact No.



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# College of computer Science \& Information Technology, Latur 

## Department of Computer Science

30 -Days Add-On Program on "Java Programming"
Syllabus

Module 1: Structure of core programming
Lesson 1: Introduction to Java
1: Introduction to Java
2: Features of Java
3: Evolution in Java
4: Developing software in Java
Lesson 2: Eclipse 3.3 as an IDE
1: Installation and Setting up Eclipse
2: Introduction to Eclipse IDE
3: Creating and Managing Java Projects
4: Miscellaneous Options
Lesson 3: Language Fundamentals
1: Data Types
2: Variables
3: Methods and Parameter Passing
4: Keywords
5: Operators and Assignments
6: Flow Control: Java's Control Statements
7: Arrays
8: Declaring Type Safe Enums
Mini Project :

1) Using switch statements combination
2) Using Methods.

Module 2: Object Oriented Programming (OOPS)
Lesson 4: Object Oriented Programming Features in
Java
1: Objects and Classes
2: Other Modifiers
3: Nested Classes
4: The Object Class
5: The System Class


Language fundamentals
1: String Handling
2. Wrapper Classes

3: Simple formatted I/O and Scanner
Lesson 5: Packages and Interfaces
1: What is an Interface?
2: Packages
3: Access Specifiers and Modifiers

## Lesson 6: Exception Handling

1: Exception Handling Fundamentals
2: Exception Types
3: Handling Exceptions
4: Creating Application Specific Exceptions

## Lesson 7: Files and Streams

1: Overview of I/O Streams
2: Types of Streams
3: The Bytestream I/O hierarchy
4: Character Stream Hierarchy
5: Buffered Stream
6: Data Stream
7: Object Stream
8: Scanning and Formatting
9: Predefined Streams

## Mini Project:

1) using oops features
2) using file handling

Module 3: Advanced Feature of JAVA SE

## Lesson 8: Thread

1: process/thread concept
2 :thread life cycle
3:thread method
4:2ways of creation of thread
5:synchronization(2ways)
6 :inter thread commmunication
7.Dead lock

## Lesson 9: Collections



1: Collections Framework
2; Collection Interface Methods
3: Generies

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College of compnter Science \& Information Technology, Latur
Department of Computer Science
Attendance Sheet
30 -Days Add-On Program On "Java Programming"

| RN | Name of Student | 28 | 2) | 30 | 31 | 2 | 8 | 4 | 5 | 6 | 7 | 9 |  |  | 12 | 13 | 14 | 16 |  | 18 | 19 |  |  |  | 24 | 25 | 26 | 27 | 38 | 2 | 5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  |
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| 10 | KUIKARNI AIT PrAKASHRA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 2 C | 2. | 22 | 23 | 24. | 25 | 26 | 27 | 8. | 29. | 30 | 30 |
| 11 | Shilical roora surish | (A) | A | A | 1 | 2. | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22. | 29 | A | A | A | A | 23 |
| 12 | SONKAMmLendLla vive | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 10 | 11 | 12 | 13 | 16 | 15 | 16 | 17 | 18 | 19 | 20. | 21 | 22 | 23 | 24, | 25 | 26 | 27 | 29 | 29 | A | 29 |
| 13 | StRgum Pratik namden | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 2. | 3 | 24. | 25 | $2 E$ | 27 | 58 | A | A | 28 |
| 14 | Lawate dnyaneshwar hanc | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | A | ब) | A | A | 26 |
| 15 | MALI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 24 | 27 | 28 | 2. | 30 | 30 |
| 16 | DESHEANDE MADHISRA HEMANTKAC | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | If | 12 | 13 | 14 | 15 | A | ती | A | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 28 | 24 |  | 25 | 27 | 27 |
| 17 | ETBRLIRE LAIITARAMRAC | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | $10$ | A | 丹 | 11 | 12 | 13 | 14 | 15 | 6 | 17 | 18 | 19 | 20 | 21 | 2 | 83 | 24 | 25 | 2.6 | A | A | 26 |
| 18 | ANKULWAR RUPEST VASANTRAO | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | co | It | 2 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 28 | 4 | 22 | 23 | 24 | 25 | 26 | 2 |  | 2 | 30 | 30 |
| 19 | INCOLE MANISHA NAMOL VRAO | A | $\lambda$ | A |  | 2 | 3 | 4 | 5 | 6 | T | 8 | 9 | 10. | 11. | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 24 | 21 | 22 | 25 | 24 | 2.5 | A | H | 25 |
| 20 |  |  |  |  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 16 | 19 | 20. | 21 | 22 | 2 | 84 | 25 | A | $A$ | A | 25 |
| 21 | $\mathrm{my}$ |  |  | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 28 |  | 25 | A | A | A | A | (7) | 25 |
| 22 | fitricm |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | $1)$ | 12 | 13 | 14 | 151 | 6 | 1 | 18 | M | 9 | A | 211 | 22 | 23 | r) | A | A | 23 |

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College of computer Science \& Information Technology, Latur
Department of Computer Science
Attendance Sheet
30 -Days Add-On Program On "Java Programming"


## RESUIME

Saudagar Asifmiya Marufmiuya.
Email Id: asi12333@gmail.com
Work Experience
Company:. College of Computer Science and Information Technology, Latur an assistant professor from July 2010 to till now.

Designation: Asst. Professor

## Objectives

2.Tu pursue a professionally satisfying growth and challenging carcer Secking a quality environment where my hnowledge can be shared and enriched lor the mowth of the orgmization and self.

## Academic Qualification

## Academic:

(5) M.Se. SE from Swami Ramanand Teerth Marathwada University, Nanded in 2010 Aguregate - $63.52 \%$
8. BC 1 from Swami Ramanand Teerll Marathvada University, Namded in 2005. Aggregate - 73.52\%
Technical Skills:
(8) Windows XP, Server 2003, Windows 7 and 10.
(1) Hardware \& networking etc.,

गु. Good at Presentation \& Communication skills.

## Personal Information

- Material status
- Date of Birth
- Languages Known
: Married.
:07-04-1983
: Englisil, Hindi and Marauhi


## claration

I hereby declare that the above information firmished is true to the hest of my knowledge and belief.


## Royal Education Society's

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## Department of Computer Science

30-Days Add-On Program on "Java Programming"
Feedback Form

| Scale | $\mathrm{Y} / \mathrm{N}$ | Marks out of 10 | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | 09 | OK |
| 2.The Program well-paced within allocated time | Yes $\square$ No $\square$ | D9 | 01 |
| 3. The resource person was knowledgeable on topic | Yes $\square$ No $\square$ | 08 | N0 |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes $\square$ No $\square$ |  |  |

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30-Days Add-On Program on "Java Programming"
Feedback Form


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## Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form

| Scale | Y/N | Marks out of | Comment |
| :---: | :---: | :---: | :---: |
| 1. The Program was applicable forjob | Yes $\square$ No $\square$ | 10 | Mosy crood |
| 2. The Program well-paced within allocated time <br> 3. 1 | Yes $\square$ No $\square$ | 10 | vercl good |
| 3. The resource person was knowledgeable on topic | Yes $\square$ No $\square$ | 09 | NO |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes $\square$ $\qquad$ No $\square$ | O | ORoCd |
| Thank you for completing the questionnaire. |  |  |  |

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Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form

| Scale | Y/N | Marks out of 10 | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | og | No |
| 2. The Program weli-paced within allocated time | Yes $\square$ No $\square$ | 10 | Best |
| 3. The resource person was knowledgeable on topic | Yes $\square$ No $\square$ | 0 | v.aood |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes $\square \quad$ No $\square$ | $68$ | Mo |
| Thank you for cornpleting the questionnaire. |  |  |  |

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## Department of Computer Science

30-Days Add-On Program on "Java Programming"
Feedback Form

| Scale | Y/N | Marks out of | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | $10$ | H299900C |
| 2.The Program well-paced within allocated time | Yes $\square$ No $\square$ | 10 | Best |
| 3. The resource person was knowledgeable on topic | Yes $\square \quad$ No $\square$ | 09 | NO |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes $\square$ No $\square$ |  | hood |
| Thank you for completing the questionnaire. |  | $y_{0}^{8}(36$ |  |

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30-Days Add-On Program on "Java Programming"
Feedback Form


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Department of Computer Science
30-Days Add-On Program on "Java Programming"

## Feedback Form

| Scale | Y/N | Marks out of | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | $\frac{10}{10}$ | Mood |
| 2. The Program well-paced within allocated time | Yes $\square$ No $\square$ | 0 | Bost |
| 3. The resource person was knowledgeable on topic | Yes $\square$ No $\square$ | 09 | No |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes |  | MO |
| Thank you for completing the questionnaire. |  | 3 |  |

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Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form

| Scale | Y/N |  |  | Yes |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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## Feedback Form

| Scale | $\mathrm{Y} / \mathrm{N}$ | Marks out of 10 | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | 10 | Verm crond |
| 2.The Program well-paced within allocated time | Yes $\square$ No $\square$ | 10 | Nice |
| 3. The resource person was knowledgeable on topic | Yes $\square$ No $\square$ | 08 |  |
| 4. The Add-on program Facilities were appropriate or satisfactory. |  | 10 | BQ |

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Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form

\begin{tabular}{|c|c|c|c|}
\hline Scale \& $\mathrm{Y} / \mathrm{N}$ \& Marks out of 10 \& Comment <br>
\hline 1.The Program was applicable for job \& Yes $\square$ No $\square$ \& 08 \& No <br>
\hline 2.The Program well-paced within allocated time \& Yes $\square$ No $\square$ \& 10 \& YOS <br>
\hline 3. The resource person was knowledgeable on topic \& Yes $\square$ No $\square$ \& 10 \& yef <br>
\hline 4. The Add-on program Facilities were appropriate or satisfactory. \& Yes

$\square$ \& 09 \& NO <br>
\hline
\end{tabular}

Thank you for completing the questionnaire.


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Department of Computer Science
30-Days Add-On Program On "Java Programming"

| Q.No. Feedback Analysis Report | Questions | Yes | No |
| ---: | :--- | :---: | :---: |
| 1 | The Program was applicable for job. | 21 | 8 |
| 2 | The Program well placed within allocated time. | 8 |  |
| 3 | The resource person was knowledgeable on topic | 19 | 10 |
|  | The Add-on Program facilities were Appropriate or <br> 4 | Satisfactory. | 18 |

Feedback Analysis Report



Principal
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N.B. - Each question have 2 marks.

1. You want subclasses in any package to have access to members of a superclass. Which is the most restrictive access that accomplishes this objective?
a. Public
b. Private
c. Protected
d. Transient
2. class $A$
i protected int method1(int a, int b)
\{ return 0;
\}
\}

Which is valid in a class that extends class $A$ ?
a. public int method 1 (int a , int b) $\{$ return 0 ; \}
b. private int method1 (int a, int b) $\{$ return 0 ; \}
c. public short method1(int a, int b) \{ return 0 ; \}
d. static protected int method1(int $a$, int b) $\{$ return 0 ; \}
3. What will be the output of the program?

```
int i=1,j=10;
do
{
    if(i>j)
    {
        break;
    }
    j-;
} while (++i < 5);
System.out.println("i= " + i + " and j= " + j);
```

a. $i=6$ and $j=5$
b. $i=5$ and $j=5$
c. $i=6$ and $j=4$
d. $i=5$ and $j=6$
4. Which is valid declaration of a float?
a. float $f=1 F$;
b. float $\mathrm{f}=1.0$;
c. float $\mathrm{f}=$ " 1 ";
d. float $\mathrm{f}=1.0 \mathrm{~d}$;
5. public class Test \{\}

What is the prototype of the default constructor?
a. Test()
b. Test(void)
c. public Test()
d. public Test(void)
6. What is the widest valid returnType for methodA in line 3?

```
public class Returnit
    {
        returnType methodA(byte x, double y) /* Line 3 */
        {
        return (long)x/y* 2;
    }
}
```

a. int
b. byte
c. long
d. double
7. What will be the output of the program?
public class A
$\{$

```
        void A() /* Line 3 */
```

\{ System.out.print $\ln ($ "Class $A$ ");
\}
public static void main(String[] args)
\{ new $A()$;
\}
\}
a. Class A
b. Compilation fails.
c. An exception is thrown at line 3 .
d. The code executes with no output
8. Which class does not override the equals() and hashCode() methods, inheriting them directly from class Object?
a. java.lang. String
b. java.lang.Double
c. java.lang.StringBuffer
d. java.lang.Character
9. You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides that capability?
a. java.util.Map
b. java.util.Set
c. java.util.List
d. java.util.Collection
10. Which is true about an anonymous inner class?
a. It can extend exactly one class and implement exactly one interface
b. It can extend exactly one class and can implement multiple interfaces.
c. It can extend exactly one class or implement exactly one interface.
d. It can implement multiple interfaces regardless of whether it also extends a class.
11. Which two of the following methods are defined in class Thread?

1. start()
2. wait()
3. notify()
4. run()
5. terminate()
a. 1 and 4
b. 2 and 3
c. 3 and 4
d. 2 and 4

## 12. Which statement is true?

a. The notifyAll() method must be called from a synchronized context.
b. To call wait(), an object must own the lock on the thread.
c. The notify() method is defined in class java.lang. Thread.
d. The notify() method is defined in class java.lang. Thread.
13. Which three guarantee that a thread will leave the running state?


1. yield()
2. wait()
3. notify()
4. notifyAll()
5. sleep $(1000)$
6. aLiveThread.join()
7. Thread.killThread()
a. 1,2 and 4
b. 2,5 and 6
c. 3,4 and 7
d. 4,5 and 7
8. Which will contain the body of the thread?
a. run();
b. start();
c. stop();
d. main();
9. What will be the output of the program?
```
public class Test
{
        public static void main(String[] args)
        {
            int x=0;
            assert (x>0) ? "assertion failed" : "assertion passed" ;
            System.out.println("finished");
    }
}
```

a. Finished
b. Compiliation fails
c. An AssertionError is thrown and finished is output
d. An AssertionError is thrown with the message "assertion failed"
16. Given a method in a protected class, what access modifier do you use to restrict access to that method to only the other members of the same class?
a. final
b. static
c. private
d. protected
e. volatile
17. What will be the output of the program?
 class Test
\{

```
        public static void main(String [] args)
        {
            int x=20;
            String sup = (x<15) ? "small" : (x<22)? "tiny": "huge";
            System.out.printin(sup);
    }
}
```

a. small
b. tiny
c. huge
d. compilation fails
18. Which statement is true?
a. A static method cannot be synchronized.
b. If a class has synchronized code, multiple threads can still access the nonsynchronized code.
c. Variables can be protected from concurrent access problems by marking them with the synchronized keyword.
d. When a thread sleeps, it releases its locks.
19. You want a class to have access to members of another class in the same package. Which is the most restrictive access that accomplishes this objective?
a. public
b. private
c. protected
d. default access
20. Which is a valid declaration within an interface?
a. public static short stop $=23$;
b. protected short stop $=23$;
c. transient short stop $=23$;
d. final void madness(short stop);

# College of Computer Science and Information Technology, Latur 

## Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

## Answer Key

Date - 10/03/2015
Time-11:00AM TO 11:45AM
Marks - 40
N.B. - Each question have 2 marks.

1. You want subclasses in any package to have access to members of a superclass. Which is the most restrictive access that accomplishes this objective?
a. Public
b. Private
c. Protected
d. Transient
2. class $A$

1
protected int method1(int a, int b)
\{ return 0 ;
)
1
Which is valid in a class that extends closs $A$ ?
a. public int method1(int $a$, int $b)\{$ return $0 ;\}$
b. private int method1 (int a , int b) \{return 0 ; \}
c. public short method1 (int a , int b) \{ return 0 ; \}
d. static protected int method1(int a, int b) \{ return 0 ; \}
3. What will be the output of the program?

```
int i=1,j=10;
do
{
    if(i>j)
    {
        break;
    }
    j-;
} while (++i<5);
```

a. $\mid=6$ and $j=5$
b. $i=5$ and $j=5$
c. $i=6$ and $j=4$
d. $i=5$ and $j=6$
4. Which is valid declaration of a float?
a. float $\mathrm{f}=1 \mathrm{~F}$;
b. float $\mathrm{f}=1.0$;
c. float $\mathrm{f}=$ " 1 ";
d. float $f=1.0 \mathrm{~d}$;
5. public class Test \{\}

What is the prototype of the default constructor?
a. Test()
b. Test(void)
c. public Test( )
d. public Test(void)
6. What is the widest valid returnType for methodA in line 3 ?

```
    public class Returnit
    {
        returnType methodA(byte x, double y) /* Line 3 */
    {
        return (long)x / y * 2;
    }
}
```

a. Int
b. Byte
c. Long
d. Double
7. What will be the output of the program?
public class A
I
void $A() / *$ Line 3 */
1
System.out.printIn("Class A");
)
public static void main(String[] args)
\{
new $A()$;

\}
a. Class A
b. Compilation fails.
c. An exception is thrown at line 3.
d. The code executes with no output
8. Which class does not override the equals() and hashCode() methods, inheriting them directly
from class Object?
a. java.lang.String
b. java.lang.Double
c. java.lang.StringBuffer
d. java.lang.Character
9. You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides that capability?
a. java.util.Map
b. java.util.Set
c. Java.util.List
d. java.util.Collection
10. Which is true about an anonymous inner class?
a. It can extend exactly one class and implement exactly one interface
b. It can extend exactly one class and can implement multiple interfaces.
c. It can extend exactly one class or implement exactly one interface.
d. It can implement multiple interfaces regardless of whether it also extends a class.
11. Which two of the following methods are defined in class Thread?

1. start()
2. wait()
3. notify()
4. run()
5. terminate()
a. 1 and 4
b. 2 and 3
c. 3 and 4
d. 2 and 4
6. Which statement is true?
a. The notifyAll() method must be called from a synchronized contex
b. To call wait(), an object must own the lock on the thread.
c. The notify() method is defined in class java.lang.Thread.
d. The notify() method is defined in class java.lang. Thread.
7. Which three guarantee that a thread will leave the running state?
8. yield()
9. wait()
10. notify()
11. notifyAll()
12. sleep $(1000)$
13. aliveThread.join()
14. Thread.killThread()
a. 1, 2 and 4
b. 2,5 and 6
c. 3,4 and 7
d. 4,5 and 7
15. Which will contain the body of the thread?
a. run();
b. start();
c. stop();
d. main();
16. What will be the output of the program?
```
public class Test
I
    public static void main(String[] args)
    I
        int x = 0;
        assert (x > 0) ? "assertion failed" : "assertion passed" ;
        System.out.println("finished");
    I
l
a. Finished
b. Compiliation fails
c. An AssertionError is thrown and finished is output
d. An AssertionError is thrown with the message "assertion failed"
```

16. Given a method in a protected class, what access modifier do you use to restrict access to that method to only the other members of the same class?
a. final
b. static
c. private
d. protected
e. volatile
17. What will be the output of the program? class Test
I
public static void main(String [| args) f
```
Int x-20; = (x<15) ? "sma1l": (x<22)? "tiny" : "huge";
```

String sup
System.out.print.ln(sup);
1
)
a. small
b. tiny
c. huge
d. compilation fails
18. Which statement is true?
a. A static method cannot be synchronized.
b. If a class has synchronized code, multiple threads can still access the nonsynchronized code.
c. Variables can be protected from concurrent access problems by marking them with the synchronized keyword.
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d. default access
20. Which is a valid declaration within an interface?
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b. protected short stop $=23$;
c. transient short stop $=23$;
d. final void madness(short stop);


College of computer Science \& Information Technology, Latur
Department of Computer Science 30 -Days Add-On Program on "Java Programming"

Mark List

| Sr. No. | Name of the Student | Marks (40) |
| :---: | :---: | :---: |
| 1 | UPADHYE ANURADHA PRAKASH | 20 |
| 2 | YEDLE JITESH SHASHIKANT | 26 |
| 3 | YELALE ANJALI SANJIV | 38 |
| 4 | DONGARE POOJA SHIVLING | 20 |
| 5 | FULSURE KRUSHNA BUDDHIWANT | 22 |
| 6 | WAGHMARE SWAPNIL KUNDLIK | 24 |
| 7 | ZARKAR MONIKA RAJABHAU | 26 |
| 8 | ZUNJARE KAILAS ASHOK | AA |
| 9 | KUDALE GANESH LAKSHMAN | 34 |
| 10 | KULKARNI AIT PRAKASHRAO | 22 |
| 11 | SHIRAL POOJA SURESH | 32 |
| 12 | SONKAMBLE NEHA VIVEK | 28 |
| 13 | SURKUTE PRATIK NAMDEV | 24 |
| 14 | LAWATE DNYANESHWAR HANMANT | 32 |
| 15 | MALI AMIT BALAII | 38 |
| 16 | DESHPANDE MADHURA HEMANTRAO | 34 |
| 17 | KERURE LALITA RAMRAO | 22 |
| 18 | ANKULWAR RUPESH VASANTRAO | 30 |
| 19 | INGOLE MANISHA NAMDEVRAO | 24 |
| 20 | ALANDKAR MAYUR SIDHARAJ | 28 |
| 21 | PATHAN NIKHAT BEGUM SIKANDAR | 22 |
| 22 | SHAIKH ASHIFH HUSEN | 32 |
| 23 | SHAIKH ALVEERA KHADIR | 36 |
| 24 | SURVASE MANOJ BIBHISHAN | 28 |
| 24 | SURVASE MANOJ BIBHISHAN | 22 |
| 25 | SHISODE SOJAR TUKARAM | 24 |
| 26 | PAWAR DHANANJAY VISHVASRAO | AA |
| 27 | WAGHMARE REKHA DNYANOBA |  |
| 28 | MUGLE VIKRAM LAXMANRAO | 18 |
| 29 | GAIKWAD SWARUP SUDAM | 28 |

Maharavhra appored, amitated to s R.I Royal Education Society's
COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECH 2 29
संगणकशास्त्र व माहितीतंत्रज्ञान महाविद्यालय(कॉक्सिट), लातूर.

Ref. N
Dite :
has (aredimmail.com
WOS SVO S EOWPO
M.C. M. Whit., $\mathrm{Fh} . \mathrm{D}$.

Cell: Principal 997076,1030

## NOTICE

The Ad-On program on "Java Programming" is arranged on 28/01/2016 to 3/03/2016 for UG SY, TY and PG FY, SY students. Interested students should register their names with Mrs. S. N. Patel on or before 28/01/2016.


Principal
College Of Computer Science
And Information Technology, Latur



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# Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form 

1. Name
2. Class
3. Contact No.


# Royal Education Society's <br> College of Computer Science and Information Technology, Later Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form 

1. Name
2. Class
3. Contact No. $\frac{\text { Tadhav Akash Laxmanrew }}{B \cdot S C(S E) T Y}$
$\quad 8624956324$

# Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form 

1. Name

- Solunke Ganesh Pravin

2. Class
3. Contact No. $\qquad$


## Royal Education Society's <br> College of Computer Science and Information Technology, Latur Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name
2. Class
$\frac{\text { Mahajan Nikhil Rajendra }}{\frac{\text { B.Sc(cS) Ty }}{8087040954}}$
3. Contact No.


## Royal Education Society's College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name
2. Class

Wayangade Santosh Balasaheb
3. Contact No.

9657770764


## Royal Education Society's <br> College of Computer Science and Information Technology, Later Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name $\left.\begin{array}{l}\text { Deshmulch Nikita Vipinchandra } \\ \text { 2. Class } \\ \text { 3. Contact No. }\end{array}\right)$ Sc(cs)TY $\quad 8793587152$


# Royal Education Society's <br> College of Computer Science and Information Technology, Latur Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form 

1. Name
2. Class
3. Contact No.


# Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form 

1. Name
2. Class
3. Contact No.


## Royal Education Society's <br> College of Computer Science and Information Technology, Later Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name
2. Class

Bund Anisudh Madhukas
3. Contact No.
$\ldots 8600088853$

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Sign

Royal Education Society's<br>College of Computer Science and Information Technology, Latur<br>Department of Computer Science<br>30-Days Add-On Program<br>On<br>"Java Programming"<br>Registration Form

1. Name
2. Class

3. Contact No.


# College of computer Science $\&$ Information Technology, Latur 

Department of Computer Science
30 -Days Add-On Program on "Java Programming"
Syllabus

## Module 1: Structure of core programming

Lesson 1: Introduction to Java
1: Introduction to Java
2: Features of Java
3: Evolution in Java
4: Developing software in Java
Lesson 2: Eclipse3.3 as an IDE
1: Installation and Setting up Eclipse
2: Introduction to Eclipse IDE
3: Creating and Managing Java Projects
4: Miscellaneous Options

## Lesson 3: Language Fundamentals

1: Data Types
2: Variables
3: Methods and Parameter Passing
4: Keywords
5: Operators and Assignments
6: Flow Control: Java's Control Statements
7: Arrays
8: Declaring Type Safe Enums
Mini Project :
1)Using switch statements combination
2) Using Methods.

## Module 2: Object Oriented Programming (OOPS)

Lesson 4: Object Oriented Programming Features in Java
1: Objects and Classes


2: Other Modifiers
3: Nested Classes
4: The Object Class
5: The System Class

## Language fundamentals

1: Sring Handling
2: Wrapper Classes
3: Simple formatred I/O and Scanner

## Lesson 5: Packages and Interfaces

1: What is an Interface?
2: Packages
3: Access Specifiers and Modifiers

## Lesson 6: Exception Handling

1: Exception Handling Fundamentals
2: Exception Types
3: Handling Exceptions
4: Creating Application Specific Exceptions
Lesson 7: Files and Streams
1: Overiew of I/O Streams
2: Types of Streams
3: The Bytestream I/O hierarchy
4: Character Stream Hierarchy
5: Buffered Stream
6: Data Stream
7: Object Stream
8: Scanning and Formatting
9: Predefined Streams

## Mini Project:

1) using oops features
2) using file handling

Module 3: Advanced Feature of JAVA SE

## Lesson 8: Thread

1: process thread concept
2:thread life cycle
3.thread method

4:2ways of creation of thread
5:synchronization(2ways)


6:inter thread commmunication
7.Dead lock

## Lesson 9: Collections

1: Collections Framework
2: Collection Interface Methods
3: Generics
4: Enhanced For Loop
5: Auto-Boxing with Collections
6: Implementing Classes
7: The Legacy Classes and Interfaces
Lesson 10: Java Database Connectivity (JDBC 3.0)
1: Java Database Connectivity Introduction
2: Database Connectivity Architecture
3: JDBC APIs
4: Database Access Steps
5: Using RowSets
6: Using Transaction
7: Connection Pooling
8: Java Database Connectivity.

## Java Standard Edition project:

1: Project Requirement Specification,
2: Database tables creation,
3:Adapter classes
4: POJO
5: DAO
6: Beans

Royal Education Socic! Sechnology, Latur
Attendance Sheet
30 -Days Add-On Program On "Java Programming"


 | 1819 | 20 | 21 | 22 | 23 | 24,25 | 26 | 27 | 25 | 29 | 29 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

 $b$ 乙 b | 30 | 30 |
| :--- | :--- |
| 30 | 30 |
|  | 29 |



$$
30,30
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|  | 15 |  | 1 |
| :---: | :---: | :---: | :---: |
| 15 | 16 | 17 | 18 |
| 15 | 16 | 17 | 18 |
| 14 | 15 | 16 | 17 |
| 14 | 15 | 16 |  |
| 14 | 15 | 16 |  |
| 15 | 16 | 17 | 18 |
| 15 | 16 | 17 |  |
| $141516$ |  |  |  |
|  |  |  |  |


"





## RESUME

## Mr. D. R Somwanshi

Assistant Professor,
College of Computer Science and Information Technology (COCSIT),
Ambajogai Road, Latur- Maharashtra. India.
Mob: 9860470013.
Email: somwanshi1234@gmail.com, somwanshi1234@yahoo.com

Academic Qualification.
Doctor of Philosophy in Computer Scien
SRTMU Nanded, Sub-Center Latur-Maharashtra
Master of Philosophy in Computer Scien
SRTMU Nanded, Sub-Center Latur- Maharashtra
Result: First Class

## Master of Computer Science [M. Sc. CS] May -2005.

Rajarshi Shahu College, Latur.
Result: First Class. Percentage: 68.54 \%.
Bachelor of Computer Science [B.C.S] May -2003.
Rajarshi Shahu College, Latur.
Result: First Class With Distinction. Percentage: $\mathbf{6 9 . 5 4} \%$.
Higher Secondary [H.S.C]
Feb-2000. Percentage: $53.53 \%$.
Draftsman Civil [DMC] July-1999.
I.T.I Latur.

Percentage: 74.47\%.
High School. [S.S.C] March-1996.
Percentage: $\mathbf{7 1 . 7 4 \%}$.


List of Publications in the Journals and Conference Proceedings

| 6 | 1. K.R. Jadhav | A Review of Plant | National Conference on | ISBN- | National |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 2. S. R.Mane | Disease Detection | Current Advances in | 9789384 |  |
|  | 3. D.R. | Using Color Model | Human-Computer | $810-21-$ |  |
|  | Somwanshi |  | Interaction December | 4 |  |
|  |  |  | $23-24,2016 \mathrm{pp} .83-88$ |  |  |
|  |  |  |  |  |  |

## Working Experience...............................................

Worked with Rajarshi Shahu College, Latur, as Lecturer.
Duration : June 2005 to June 2006.
Worked with Aptech Computer Education Latur as a Head \& System Administrator.
Specially worked as a faculty for VB.NET, ASP.NET, SQLServer200. C, C ++ VC++.
Duration: May 2004 to July 2006.
Presently Working With College of Computer Science \& Information Technology Latur as Lecturer.
Duration: From July 2006 to till date.

## Project Work

## Online Examination System for College of Computer Science \& Information technology Latur. <br> Online examination system Developed in PHP/JSP <br> Back End: My SQL. <br> This System covers the total objective examination system, through which exam can be conducted; new topic, questions can be added into database, merit list can be obtained. <br> And which is available on http://www.onlineexam.cocsit.org.in/

## Website for College of Computer Science \& Information technology

## Latur.

Developed in PHP \& Macromedia dream viewer
BackEnd :My SQL.
This website is designed for college of computer science \& information technology latur, which gives detail information, related to college, visitors can register for admission in college, give a feedback on college \& website etc.
[This website is currently redesigned]
Website for Statperson Cusultancy Latur. Developed in PHP \& Macromedia dream viewer


BackEnd :MySQL.
This website is designed for Stat person Consultancy Latur, which is one of leading consultancy for providing statistical solution, the consultancy Has Started its own journal, which gives a detail information related to journal in statistics, science \& technology and medical science.
Which is available on http://www.statperson.com/ https://www.medpulse.in/

Statistical solution you can get through.
http://www.statperson.com/StatisticalCalculator/developer.php

## Online Attendance System for College of Computer Science \& Information technology Latur. Online Attendance System Developed in PHP Back End: My SQL. <br> This is Intranet based system which maintains upto date record of each and every lecture [for every subject] that is conducted in college. Also daily attendances of total lecture are communicated to parents through SMS. Detailed report of daily, weekly and monthly attendance can be obtained.

And which is available in LAN http://cocsitone.onlineattendance

## Online Exam Record System for College of Computer Science \& Information technology Latur.

Online Exam Record System Developed in PHP
Back End: My SQL.
This is Intranet based system which maintains upto date record of each and every examination [for every subject] that is conducted in college. Also marks of each examination are communicated to parents through SMS. Detailed report of each exam that is conducted can be obtained.

And which is available in LAN http://cocsitone.onlineexamrecordssytem

## Research Projects On Soybean rust Severity Detection and measurement through Image processing techniques.

This research project is developed for the partial fulfillment for the award of degree Master of Philosophy in Computer Science.

## Research Projects On Embedded System design \& its Security Through Biometric

This project is funded by UGC as a minor research projects for lecturers.
This system is a special embedded system for opening door when person touches the touch screen available on door. When person touch on touch screen on door, door will be open.
The project is under development in matlab.


## Hardware Sales \& Services

Developed in Visual Basic 6.0.
Back End: Ms Access.
This System covers the entire process of billing, quotation, delivery challan, Item details \& reports.

## Windows WordPad \& Database Package.

Developed in visual Basic 6.0.
Back End: Ms Access.
This System covers the entire process of Text Editing \& Database Management in Marathi.
AudioVidioVisual Basic Tutor.
Developed In visual Basic 6.0 \& HTML.
This system covers the detail tutor of visual basic 6.0 through which visual basic can easily be learned, the system teaches visual basic like a teacher.

## Online mail Messaging

Developed In visual Basic .Net.
Back End: SQL Server 2000.
This system covers the total mailing system through which mail can be send \& received.

## Online Registration \& Examination Svstem.

Developed using Asp.NET.
Back End: SQL Server 2000.
This System covers the total objective examination system through which exam can be conducted; new questions can be added into database.

## Wud Tool Job Card Management.

Developed In visual Basic 6.0.
Back End: Ms Access.
This Projects covers management of job card of employee working at WudTool Private Ltd Latur.

## Paper Agency Management:

Developed In Visual Basic
Backend: MS Access
This system covers the daily transaction of news paper Agency \& it daily collection.

## WorkShop/Seminar Attended..........................................

## Communication Skill

Conducted by Rajarshi Shahu College Latur.
Microprocessor 8086.
Conducted by Rajarshi Shahu College Latur.
Visual Basic. Net
Conducted by Rajarshi Shahu College Latur.

## Windows Programming using VC ++ .

Conducted By College of Computer Science \& Information Technology Latur. \& Delivered by Somwanshi Datta R.


## District Level Research Festival on Science \& Technology

Participated \& presented a oral on Model That ihave developed for College. Organized by College of Computer Science \& information technology latur.

## National Conference Attended

## Participated/Oral Presentation in State Level Conference on "Role of Students \& Teachers

 in Quality Assurance" Organized by Departments of Computer Science, College of Computer Science \& Information Technology Latur.Participated in National Conference on "Computer Science \& Advances in Information Technology" Organized by Departments of Computer Science, College of Computer Science \& Information Technology Latur.

Participated in National Conference on "Emerging Trends in Biotechnology for Modern Era" Organized by Departments of Biotechnology, College of Computer Science \& Information Technology Latur.

## Professional Training Attended:

Three days Training on Cyber Crime \& Cyber Security at YCMU Nashik Conducted by IQSPL Pri Ltd Pune.

## Software Skill

## Operating System

DOS,Windows 9x/2000/XP/7/8/Windows Server 2000,Windows Server 2008,Unix, Linux.

## Programiming

VC++, C\#.NET, Visual Basic .NET
Java -Applet, Swing, JDBC, Servlet, JSP
Web Base:
HTML,DHTML,JavaScript,VBScript,ASP, ASP.NET, Servlets, JSP, PHP, CSS, XML AJAX, JQuery,
CMS
Zoomla, WordPress.


## Royal Education Society's

College of Computer Science and Information Technology, Latur

## Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form

| Scale | Y/N |  | Marks out of <br> 10 | Comment |
| :--- | :--- | :--- | :---: | :---: |
| 1.The Program was <br> applicable for job | Yes | No $\square$ | 10 | good |
| 2.The Program well-paced <br> within allocated time | Yes | No $\square$ | 10 | - |
| 3. The resource person was <br> knowledgeable on topic | Yes | $\square$ | No $\square$ | 10 |
| 4. The Add-on program <br> Facilities were appropriate <br> or satisfactory. | Yes | $\square$ | No $\square$ | 10 |

## Royal Education Society's

College of Computer Science and Information Technology, Latur

## Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

## Feedback Form

| 4. 高 S Scale | Y/N | Marks out of 10 | Comment |  |
| :---: | :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | 10 | very | nice |
| 2.The Program well-paced withinallocated time | Yes $\square$ No $\square$ | 10 | , |  |
| 3. The resource person was knowledgeable on topic | Yes $\square \bigcirc$ No $\square$ | 10 | $\leftarrow$ |  |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes | 10 | - |  |
| Thank you for completing the questionnaire. |  |  |  |  |



## Royal Education Society's

College of Computer Science and Information Technology, Latur

## Department of Computer Science

30-Days Add-On Program on "Java Programming"
Feedback Form

| Scale | Y/N | Marks out of | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | 10 | yes |
| 2.The Program well-paced within allocated time | Yes $\square$ No $\square$ | 08 | No |
| 3. The resource person was knowledgeable on topic | Yes $\square{ }^{\text {No }} \square$ | 10 | Yes |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes | 10 | yes |



## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form


Thank you for completing the questionnaire.

## Royal Education Society's

## College of Computer Science and Information Technology, Latur

Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form

| Scale | Y/N | Marks out of | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square \quad$ No $\square$ | 10 | Comment |
| 2. The Program well-paced within allocated time | Yes $\square$ No $\square$ | 10 | -13- |
| 3. The resource person was knowledgeable on topic | Yes $\square \mathrm{Vo}^{\mathrm{No}} \square$ | 10 | $\xrightarrow{+}$ |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes $\square$ No $\square$ | 10 | H- |
| Thank you for completing the questionnaire. |  |  |  |

## Royal Education Society's <br> College of Computer Science and Information Technology, Latur Department of Computer Science

 30-Days Add-On Program on "Java Programming"Feedback Form

| Scale | $\mathrm{Y} / \mathrm{N}$ |  |  |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No | $\begin{gathered} \text { Marks out of } \\ 10 \end{gathered}$ | Comment |
| 2. The Program well-paced within allocated time | Yes $\square$ No | 10 | - |
| 3. The resource person was knowledgeable on topic | Yes $\square$ No $\square$ | 10 | $\leftarrow$ |
| 4. The Add-on program Facilities were appropriate | Yes $\square$ No $\square$ | 10 | - |
| Thank you for completing |  | 10 | - |

## Royal Education Society's

## College of Computer Science and Information Technology, Latur Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

## Feedback Form

| Scale |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |



## Royal Education Society's College of Computer Science and Information Technology, Latur Department of Computer Science

 30-Days Add-On Program on "Java Programming"Feedback Form

| Scale |  |  |  |  |  |  |  | Y/N |  |  | Marks out of |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |

## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form

| 7. Scale | Y/N | Marks out of | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | 10 09 |  |
| 2.The Program well-paced within allocated time | Yes $\square$ No $\square$ | 09 | No |
| 3. The resource person was knowledgeable on topic | Yes $\square \quad$ No $\square$ | 09 09 | No No |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes $\square$ No $\square$ | 09 | No |

# College of Computer Science and Information Technology, Latur <br> Department of Computer Science 

30-Days Add-On Program on "Java Programming"
Question Paper
Date-10-3-16
Time - 11:00AM TO 11:45AM
Marks - 50
N.B. - Each question have 2 marks.

1. Java is developed by
a. a)Dennise Rittchie
b) Bjarne Stroutstrup
c).James Gosling
d) None of the above
2. What is the range of short data type in Java?
a) -128 to 127
b) -32768 to 32767 c)
c) -2147483648 to 2147483647
d) None of the mentioned
3. Which of the following is not OOPS concept in Java?
a) Inheritance
b) Encapsulation
c) Polymorphism
d) Compilation
4. Which component is used to compile, debug and execute java program?
a) JVM
b) JDK
c) JIT
d) JRE
5. Which statement is true about java?:
a) Platform independent programming language
b) Platform dependent programming language
c) Code dependent programming language
d) Sequence dependent programming language
6. What is the extension of java bytecode files?
a) class
b) java
c) . txt
d) js
7. Which of the following is a valid declaration of an object of class Box?
a) $\operatorname{Boxobj}=$ new $\operatorname{Box}()$;
b) Box obj = new Box;
c) $o b j=$ new $\operatorname{Box}()$;
d) new Box obj;

a)objects
b)object references
d) None of the above
8. Which one of the following is valid statement
a)char[] $\mathrm{c}=$ new char();
b) char[] $\mathrm{c}=$ new char[5]:
c) char[] $\mathrm{c}=$ new char(4);
d) char[] $\mathrm{c}=$ new char[];

10 . Given the following piece of code

```
public class School
{
    public abstract double NumberOfStudent()
}
    }
```

which of the following statement is true.
a) The keywords public and abstract cannot be used together.
b) The method numberOfStudent() in class School must have a body.
c) You must add a return statement in method numberOIStudent().
d) Class School must be defined abstract
11. The class at the top of exception class hierarchyis -.......
a)ArithmeticException
b)Throwable
c) Object
d) Exception
12. In which of the following package the class Exception exists
a)java.util
b)java.file
c) java.io
d)java.lang
13. Exception generated in try block is caught in block.
a)catch
b)throw
c) throws
d) linally

What is the use of final keyword in Java?
a) When a class is made final, a sublcass of it can not be created.
b) When a method is final, it can not be overridden.
c) When a variable is final, it can be assigned value only once.
d)All of the above
15. Output of follwoing Java program

(A) 20
(B) Compiler Error
(C) 0
(1)) Garbage value
16. Which of the following is/are advantages of packages?

## A Packages avoid name clashes

B Classes, even though they are visible outside their package, can have fields visible to packages o.
C We can have hidden classes that are used by the packayes, but not visible outside.
D All of the above
17. To prevent any method from overriding, we declare the method as,
(a) static
(b) const
(c) final
(d) abstract
(c) none of the above.
18. The fields in an interface are implicitly specified as,
(a) static only
(b) protected
(c) private
(d) both static and final
(e) none of the above.
19. Which of the following is not true?
a) An interface can extend another interface.
(b) $\Lambda$ class which is implementing an interlace must implement all the methods of the interface.
(c) An interface can implement another interface.
(d) An interface is a solution for multiple inheritance in java.
(e) None of the above.
20. What is the output of the followinge properam:

```
public class testmeth
1
static int \(\mathrm{i}=1\) :
public static void main(String: args| |)
i
System.out.println(i)","):
m(i):
System.out.printh(i):
!
public void m(int i)
i
\(1=2\);
I
I
```

(a) 1. 3
(b) 3,1
(c) 1.1
(d) 1.0
(c) none of the above.
21. Which of the following is true?
a) A linally block is executed before the eatch block but alter the try block.
(b) $A$ linally block is executed, only after the eatch block is executed.
(c) A tinally block is executed whether ant, exeeption is thrown or not.
(d) A linally block is executed, only il an exeeption oecours.
(c) None of the above.
22. The java run time system automatically calls this method while garbage collection.
(a) tinalizer()
(b) finalize()
(c) linally()
(d) linalized()
(c) none of the above.
23.An overloaded method consists ol.
a) The same method name with diflerent types of parameters
(b) The same method name with different number of parameters
(c) The same method name and same number and type of parameters with different return type
(d) Both (a) and (b) above
(c) (a). (b) and (c) above.
24. When an overridden method is called from within a subclass. it will always refer to the version ol that method defined by the
(a) Super class
(b) Subclass
(c) Compiler will choose randomly
(d) Interpreter will choose randomly
25. Which of the following contains both date and time?
$\begin{array}{llll}\text { a) java.io.date } & \text { b) java.spl.date } & \text { c) javai.util.date } & \text { d) java.util.date Time }\end{array}$


## Royal Education Society's

## College of computer Science \& Information Technology, Latur

Department of Computer Science
30 -Days Add-On Program on "Java Programming"
Mark List

| Sr. No. | Name of the Student | Marks (40) |
| :---: | :---: | :---: |
| 1 | HINGE SHOBHA VIKAS | 22 |
| 2 | JADHAV AKASH LAXMANRAO | 28 |
| 3 | SALUNKE GANESH PRAVIN | 38 |
| 4 | MUMANE GANESH SATISH | 20 |
| 5 | MAHAJAN NIKHIL RAJENDRA | 24 |
| 6 | WAYANGADE SANTOSH BALASAHEB | 26 |
| 7 | DESHMUKH NIKITA VIPINCHANDRA | 28 |
| 8 | AADE UMESH GAJENDRA | 28 |
| 9 | SWAMI YOGESH SUBHASH | 36 |
| 10 | PUND ANIRUDH MADHUKAR | 24 |
| 11 | DONGRE MADHAV RAGHUNATH | 34 |
| 12 | BHRAMANNA PRIYANKA PRAKASH | 26 |
| 13 | LIMBAPURE AARTI DILIP | 26 |
| 14 | RATHOD SANTOSH CHAAGAN | 32 |
| 15 | WAGHMARE AKASH DILIP | 38 |
| 16 | MORE SUDAM SHIVAIIRAO | 36 |
| 17 | MORE ASHWINI MANOHAR | 24 |
| 18 | SHINDE SARASWATI VISHNU | 32 |
| 19 | RODE SUCHITA SURESH | 26 |
| 20 | SHINDE ASHWINI RAJKUMAR | 30 |
| 21 | BALURE MAYA MADHAV | 24 |
| 22 | RODE POOJA SURESHRAO | 34 |
| 23 | Yadav ARCHANA DILIP | 38 |
| 24 | GAIKWAD SANDEEPAN BHANUDAS | 28 |
| 25 | BIRADAR JYOTI BABURAO | 24 |
| 26 | JARIPATKE JYOTI DNYANOBA | 28 |
| 27 | SHINDE MAHESH BABRUVAN | AA |
| 28 | PANGAL SANDEEP DEEPAK | 38 |
| 29 | BANDGAR VARSHA ABHIMANYU | 28 |
| 30 | GORE SONALI BALAII | 30 |

Date: 25/01/2017

## NOTICE

The Ad-On program on "Java Programming" is arranged on 01/02/2017 to 06/03/2017 for UG SY, TY and PG FY, SY students. Interested students should register their names with Mr. T. S. Kharbad on or before 31/01/2017.

| Royal Education Society's |  |  |  |  |
| :---: | :--- | :--- | :--- | :---: |
| COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR. |  |  |  |  |
| Registration list for: Add - On Program on "Java Programmig" |  |  |  |  |
| Roll No. | Name of Student | Class | Mobile No. |  |
| 1 | BHISE BALAJI SAHEBRAO | B.Sc.(SE) SY | 9130207048 |  |
| 2 | BIRADAR MAYURI MARUTI | B.Sc.(SE) SY | 8999554356 |  |
| 3 | CHAMLE AISHWARYA VIVEKANAND | B.Sc.(SE) SY | 7385604234 |  |
| 4 | GOMARE ASHWINI RAMESH | B.Sc.(SE) TY | 8805135770 |  |
| 5 | KALME AVINASH SHRINIVAS | B.Sc.(SE) TY | 9423345549 |  |
| 6 | WAGH SHUBHAM SUDHAKAR | B.Sc.(CS) SY | 9975034421 |  |
| 7 | WALASANE PANKAJ VITTHAL | B.Sc.(CS) SY | 8484983799 |  |
| 8 | WAGHMODE VIKRAM DIGAMBAR | B.Sc.(CS) SY | 9673476959 |  |
| 9 | BHALERAO PRIYANKA PRAKASH | B.Sc.(CS) TY | 9665920179 |  |
| 10 | BHOSALE PRAMOD RAJENDRA | B.Sc.(CS)SY | 9764645420 |  |
| 11 | DANGE ASHWINI BALASAHEB | BCA SY | 9145035013 |  |
| 12 | GAIKWAD SACHIN SURESH | BCA SY | 9405732832 |  |
| 13 | HALSE SADANAND VILASRAO | BCA SY | 7387432195 |  |
| 14 | JADHAV RAJESH NARAYAN | BCA SY | 9657677015 |  |
| 15 | DESHPANDE MANJIREE VINOD | BCA TY | 9822974771 |  |
| 16 | FARUKI ATIK NASIM | BCA TY | 7350585057 |  |
| 17 | JADHAV VINAY ANIL | BCA TY | 9545808128 |  |
| 18 | JATAL DHIRAJ SHYAM | BCA TY | 8600856434 |  |
| 19 | KADAM RUKMIN HANUMAN | BCA TY | 9420390197 |  |
| 20 | CHAVAN DIWAKAR JAYSIHING | M.Sc.(CS)FY | 9096424080 |  |
| 21 | DESHMUKH MANJUSHA RAMANRAJE | M.Sc.(CS)FY | 7058923180 |  |
| 22 | GOSAVI VAISHNAVI CHANDRAKANT | M.Sc.(CS)FY | 7798411822 |  |
| 23 | HOMKAR ARCHANA DHANANJAY | M.Sc.(CS)SY | 8275265104 |  |
| 24 | KITTEKAR POOJJA HANMANTRAO | M.Sc.(CS)SY | 9011144184 |  |
| 25 | LANGADE RAJKUMAR VISHNU | M.Sc.(SE)FY | 9096113184 |  |
| 26 | RASAL VARSHA ANIL | M.Sc.(SE)FY | 9168531775 |  |
| 27 | SHINDE NAMITA NITIN | M.Sc.(SE)SY | 8928884653 |  |
| 28 | CHAVAN HIRALAL VAIJINATH | M.Sc.(SE)SY | 8605327996 |  |
| 29 | GIRI KRUSHNA SHIVAJI | M.Sc.(SAN)FY | 7620009696 |  |
| 30 | SHAIKH WAHED AYYUBSAB | M.Sc.(SAN)SY | 9673675467 |  |
|  |  |  |  |  |

## Royal Education Society's

College of Computer Science and Information Technology, Latur Department of Computer Science

30-Days Add-On Program
On
"Java Programming"
Registration Form

1. Name
2. Class
3. Contact No.


## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name
2. Class
3. Contact No.


## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science 30-Days Add-On Program On <br> "Java Programming" Registration Form

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30-Days Add-On Program
On
"Java Programming"
Registration Form

1. Name
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## College of Computer Scienal Education Society's Department of Computer Scion Technology, Latur 30-Days Add-On Program <br> On <br> "Java Programming" Registration Form

1. Name
2. Class
3. Contact No.


Royal Education Society's
College of Computer Science and Information Technology, Latur
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On
"Java Programming"
Registration Form

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College of Computer Science and Information Technology, Latur
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30-Days Add-On Program
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"Java Programming"
Registration Form


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30-Days Add-On Program
On
"Java Programming"
Registration Form

1. Name
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3. Contact No.


Mini Project :

# Royal Education Society's <br> College of Computer Science and Information Technology, Latur Department of Computer Science 

30-Days Add-On Program
On

1. Name
2. Class
3. Contact No.


# Royal Education Society's <br> College of Computer Science and Information Technology, Latur 

 Department of Computer Science30-Days Add-On Program
On
"Java Programming"
Registration Form

1. Name
2. Class
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On
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2. Class
3. Contact No.


4. Name
5. Class

## Royal Education Society's

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Department of Computer Science
30-Days Add-On Program
On

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2. Class
3. Contact No.


## Royal Education Society's <br> College of computer Science \& Information Technology, Latur

Department of Computer Science
30 -Days Add-On Program on "Java Programming"

## Syllabus

Module 1: Structure of core programming

## Lesson 1: Introduction to Java

1: Introduction to Java
2: Features of Java
3: Evolution in Java
4: Developing software in Java
Lesson 2: Eclipse3.3 as an IDE
1: Installation and Setting up Eclipse
2: Introduction to Eclipse IDE
3: Creating and Managing Java Projects
4: Miscellaneous Options

## Lesson 3: Language Fundamentals

1: Data Types
2: Variables
3: Methods and Parameter Passing
4: Keywords
5: Operators and Assignments
6: Flow Control: Java's Control Statements
7: Arrays
8: Declaring Type Safe Enums

## Mini Project :

1) Using switch statements combination
2) Using Methods.

Module 2: Object Oriented Programming (OOPS)
Lesson 4: Object Oriented Programming Features in

## Java

1: Objects and Classes
2: Other Modifiers
3: Nested Classes
4: The Object Class
5: The System Class
Language fundamentals

## 1: String Ilandling

2. Mrapper Clawes

3: Simple formatied 10 and Soamer

## Lewan S: Pachages and Interfaces

## 1: What is an lmerface?

2: Parhaces
3: Access Specitions and Moditiens
Lewon 6: Fxception Handling
1: Deeption Handling Fundamentals
2: Aception Types
B: Handling Feceptions
4: Ovating Application Speciffe Execptions
Lessen 7i Files and Streams
1: Oreniew of 10 Streams
2: Typer of Streams
3: The Bytestream IO hicrarchy
4: Character Stroam Hicrancly
5: Butfered Stream
6: Data Stram
7: Object Stream
8: Scanning and Formatting
9: Predefined Streams
Mini Project:

1) using oops features
2) using file handling

## Module 3: Advanced Feature of JAVA SE

## Lesson 8: Thread

1: process thread concept
2:thread life eycle
3:thread method
$4: 2$ ways of creation of thread
5:synchronization(2ways)
6 inter thread commmunication
7.Dead lock

## Lesson 9: Collections

1: Collections Framework
2: Collection Interface Methods
3: Generics
4: Enhanced For Loop
5: Auto-Boxing with Collections


6: Implementing Classes
7: The Legacy Classes and Interfaces
Lesson 10: Java Database Connectivity (JDBC 3.0)
1: Java Database Connectivity Introduction
2: Database Connectivity Architecture
3: JDBC APIs
4: Database Access Steps
5: Using RowSets
6: Using Transaction
7: Connection Pooling
8: Java Database Connectivity.
Java Standard Edition project:
1: Project Requirement Specification,
2. Database tables creation,

3:Adapter classes
4: POJO
5: DAO
6: Beans


## Career Obiective:

A position in an innovative firm where my technical knowledge and skills can be best tested and used for the development of organization.

## Summary:

- Currently working as a lecturer in College of Computer Science \& IT, Latur (since august 2007)
- Can easily adapt any new technology
- Good communication and interpersonal skills.


## Technical Skills:

| RDBMS/Database | MS-Access, SQL. |
| :--- | :--- |
| Operating System | Windows 2000/XP, Linux |
| Languages | C, C++,DIP Using MATLAB, Data Structure |
| Visual Tools | Visual Basics 6.0 |
| Web Tools | HTML |

## PROFESSIONAL SUMMARY

- OVERALL EXPERIENCE 4 Years
- Attended National conference at COCSIT, Latur.


## Experience:

COCSIT, Latur.

- Duration:4 Years (August 2007 - Till Date)
- Designation Lecturer


## Baswanappa wale English School Latur.

- Duration:1 Years (August 2006-2007)
- Designation: Teacher


## PROJECT SUMMARY

Title physical Fitness Center, College Internal Mark System.
Environment: VB 6.0.MS Access

## Academic Details:

| Education | Board / Institution / University |
| :--- | :--- |
| XII (HSC) | Dnyaneshwar vidyalaya, Latur. <br> $63 \%$ |
| B.C.A | Rajarshi Shahu Mahavidyalaya Latur. 73\% |
| M. Sc <br> (Computer Science ) | Rajarshi Shahu Mahavidyalaya, Latur. 69\% |

## Personal Information:

| Name | Jyoti Rudrappa Kawale |
| :---: | :---: |
| Gender | Female |
| Date of Birth | $15^{\text {th }}$ Nov, 1984 |
| Nationality | Indian |
| Passport No | Available on request |
| Current Address | 'Mahawarkar Niwas ', |
|  | Veer hanuman Road, Sale galli, Latur 413512 |
| Permanent Address | Anand nagar, post office Latur413512 |
| Mobile Number | 9421380706,9421484727 |
| E-mail | kawalejyoti123@gmail.com |



30 -Days Adu-On Program On "Java Programming"




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| :---: | :---: | :---: | :---: |
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| $\square$ | Q) |  |  SEM uosiad әomnoser 241. |
| $\square$ | Q1 | $\mathrm{oN}$ <br> s2 K | әи!! рәегоן! и!ч!!я <br>  |
| - | Q1 | $\square \mathrm{on} \quad \square \mathrm{s} \mathrm{\partial K}$ |  Sen urenold oy If |
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College of Computer Science and Information Technology, Latur
Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form <br> \section*{Royal Education Society's <br> \section*{Royal Education Society's <br> College of Computer Science and Information Technology, Latur}

## Department of Computer Science

30-Days Add-On Program on "Java Programming"
Feedback Form

| Scale Feedback Form |  |  |  |
| :---: | :---: | :---: | :---: |
| Scale | Y/N | Marks out of | Comment |
| 1. The Program was |  | 10 |  |
| applicable for job | Yes $\sim$ No $\square$ | 10 | - |
| 2.The Program well-paced within allocated time | Yes $\square \quad$ No $\square$ |  |  |
| 3. The resource person was | Yes $\square$ No | 07 |  |
| knowledgeable on topic | Yes No | 10 |  |
| 4. The Add-on program | Yes No |  | $c$ |
| Facilities were appropriate or satisfactory. | Y | 10 |  |
| Thank you for completing t | questionnaire. |  |  |



| Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program on "Java Programming" <br> Feedback Form |  |  |  |
| :---: | :---: | :---: | :---: |
| Scale | Y/N | Marks out of 10 | Comment |
| 1.The Program was applicable for job | Yes $\square$ No $\square$ | 405 |  |
| 2. The Program well-paced within allocated time | Yes $\square$ No $\square$ | 4 c |  |
| 3. The resource person was knowledgeable on topic | Yes $\square$ No $\square$ | $4(3)$ |  |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes $\square$ No $\square$ | 10 |  |







[^0]College of computer Science \& Iaformation I vchoology, I atur Department of Computcy Scicont 30. Days Add-Oe Progerem on "H. हo 7. . himokey Feedback A eahois Report

| Sr.No. |  | Yes | No |
| :---: | :---: | :---: | :---: |
|  | Question |  |  |
| 1 | Ther Progran mas applicable hur jub |  |  |
| 2 | The Prugram netl-paced nithin that | 23 | 07 |
| 3 |  | 08 | 22 |
|  | arce persoue mas havnifotecable nes topic | 23 | 07 |
| 4 | The Add-vo program I acilition wer appropriate or satinfectur | 16 | 14 |

23.23


# College of Computer Science and Information Technology, Latur 

## Department of Computer Science

30-Days Add-On Program on "Java Programming"

## Question Paper

Date - 1510312017 Time - 11.00 MM TO 11.45 AM Marks - 50
N. 8, - Each question have 2 marks.

1. Java is developed by
a. a)Dennise Rittchic
b) Bjame Stroutstrup
c) James Gowliny
d) None of the above
2. What is the range of short data type in Java?
a) -128 to 127
b) 32768 to 32767 c
c) -2147483648 to 2147483647
d) None of the mentioned
3. Which of the following is not OOPS concept in Java?
a) Inheritance
b) Encapsulation
c) Polymorphism
d) Compliation
4. Which component is used to compile, debug and execute java program?
a) JVM
b) JDK
c) JIT
d) JRE
5. Which statement is true about java?
a) Platform independent programming language
b) Platform dependent programming language
c) Code dependent programming language
d) Sequence dependent programming language
6. What is the extension of java bytecode files?
a) class
b) java
c) bt
d) is
7. Which of the following is a valid declaration of an object of class Box?
a) Box obj $=$ new Box (0).
b) Box obj = new Box
c) $o b j=$ new $B o x()$.
d) new Box oby:

8. Which one of the following is valid statement
a)charli c = new charl:
b) charl] $\mathrm{c}=$ new char(3).
c)eharll $\mathrm{c}=$ new char(4):
d) charfle vew charf:
9. Given the following piece of code
```
public class School
    {
    public abstract double NumberOrStudent()
    }
    }
```

which of the following statement is true
a) The keyworts public and abstratt camot to used together
b) The method numberOiStudem() in elase Solowi must have a body
c) You must add a return statement in method numberoiStudent)
d) Class School must be defined abstract
11. The class at the top of exception class hictarchy is .........
a) ArithmeticFrecption
b) Throwable
c) Object
d) Exception
12. In which of the following package the class Exception exists
a) java util
b)java.file
c) java.io
d) avalang:
13. Exception generated in try block is caught in ..... block.
a) catch
b) throw
c) throws
d)tinally

14. What is the use of final keyword in Java?
a) When a class is made final, a subleass of it can not be created
b) When a method is final, it can not be overridden.
c) When a variable is final, it can be assigned value only once
d) All of the above
15. Output of follwoing Java program

## class Main

public static void main(String ares[])
final int $i$;
$i=20$ :
System.out.println(i);
,
;
(A) 20
(B) Compiler Error
(C) 0
(D) Garbage value
16. Which of the following is/are advantages of packages?

A Packages avoid name clashes
B Classes, even though they are visible outside their package, can have fields visible to packages ont
C We can have hidden classes that are used by the packages. but not visible outside.
D All of the above
17. To prevent any method from overriding, we declare the method as.
(a) static
(b) const
(c) final
(d) abstract
(e) none of the above.
18. The fields in an interface are implicitly specified as,
(a) static only
(b) protected
(c) private
(d) both static and final
(e) none of the above.
19. Which of the following is not true?
a) An interface can extend another interface.
(b) A class which is implementing an interface must implement all the methods of the interface.
(c) An interface can implement another interface.
(d) An interface is a solution for multiple inheritance in java.
(c) None of the above.

20) What is the output of the followine program:

```
public class testmeth
;
static int i=1;
public static void main(String args[])
{
System.out.println(i+", ");
m(i);
System.out.println(i);
!
public void m(int i)
i
i}=2\mathrm{ ;
```

(a) 1.3
(b) 3,1
(c) 1.1
(d) 1,0
(e) none of the above.
21. Which of the following is true?
a) A finally block is executed before the catch block but after the try block.
(b) A finally block is executed, only after the catch block is executed.
(c) A finally block is executed whether an exception is thrown or not.
(d) A tinally block is executed, only if an exception occurs.
(c) None of the above.
22. The java run time system automatically calls this method while garbage collection.
(a) finalizer()
(b) finalize()
(c) finally()
(d) finalized()
(e) none of the above.
23. An overloaded method consists of.
a) The same method name with different types of parameters
(b) The same method name with different number of parameters
(c) The same method name and same number and type of parameters with different
return type
(d) Both (a) and (b) above
(c) (a). (b) and (c) above.
24. When an overridden method is called from within a subelass, it will always refer to the version of that method defined by the
(a) Super class
(b) Subclass
(c) Compiler will choose randomly
(d) Interpreter will choose randomly
a) java.io.date
b) java.sql.date
c) java.util date
d) java.util date Time


## College of computer Science \& Information Technology, Latur

Department of Computer Science
30 -Days Add-On Program on "Java Programming"

## Mark List

| Sr. No. | Name of the Student | Marks <br> $\mathbf{( 5 0 )}$ |  |
| :---: | :--- | :---: | :---: |
| 1 | BHISE BALAJI SAHEBRAO | 25 |  |
| 2 | BIRADAR MAYURI MARUTI | 32 |  |
| 3 | CHAMLE AISHWARYA VIVEKANAND | 38 |  |
| 4 | GOMARE ASHWINI RAMESH | 28 |  |
| 5 | KALME AVINASH SHRINIVAS | 22 |  |
| 6 | WAGH SHUBHAM SUDHAKAR | 32 |  |
| 7 | WALASANE PANKAJ VITTHAL | 26 |  |
| 8 | WAGHMODE VIKRAM DIGAMBAR | AA |  |
| 9 | BHALERAO PRIYANKA PRAKASH | 34 |  |
| 10 | BHOSALE PRAMOD RAJENDRA | 22 |  |
| 11 | DANGE ASHWINI BALASAHEB | 32 |  |
| 12 | GAIKWAD SACHIN SURESH | 28 |  |
| 13 | HALSE SADANAND VILASRAO | 38 |  |
| 14 | JADHAV RAJESH NARAYAN | 32 |  |
| 15 | DESHPANDE MANJIREE VINOD | 38 |  |
| 16 | FARUKI ATIK NASIM | 34 |  |
| 17 | JADHAV VINAY ANIL | 22 |  |
| 18 | JATAL DHIRAJ SHYAM | 30 |  |
| 19 | KADAM RUKMIN HANUMAN | 24 |  |
| 20 | CHAVAN DIWAKAR JAYSIHING | 28 |  |
| 21 | DESHMUKH MANJUSHA RAMANRAJE | 42 |  |
| 22 | GOSAVI VAISHNAVI CHANDRAKANT | 32 |  |
| 23 | HOMKAR ARCHANA DHANANJAY | 36 |  |
| 24 | KITTEKAR POOJA HANMANTRAO | 32 |  |
| 25 | LANGADE RAJKUMAR VISHNU | 22 |  |
| 26 | RASAL VARSHA ANIL | 42 |  |
| 27 | SHINDE NAMITA NITIN | AA |  |
|  |  |  |  |
|  |  |  |  |
| 12 |  |  |  |

## CHAVANHTRALAL VAHTVATT GIRI KRISGHA gival <br> 

## Scanned by CamScanner

#  

# संगणकशास्त्र व माहितीतंत्रज्ञान महाविद्यालय(काक्सिट), लातूर Ambajogai Road 1 Ph. 021א2-279191. Fax: 02382-22864ta, Wcturn 

## NOTICE

The Ad-On program on "Java Programming" is arranged on 11/09/2017 to 16/10/2017 for UG SY, TY and PG FY, SY students. Interested students should register their names with Mr. V. D. PATIL on or before 08/09/2017.


I/C. PRINCIPAL College of CombitenScience and Information Technology, Latut

## Royal Education Society's

COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR. Registration list for: Add - On Program on "Java Programmig"

| Roll No. | Name of Student | Class | Mobile No. |
| :---: | :---: | :---: | :---: |
| 1 | SWAMII PRAIKTA BASWARAJ | B.Ce(St) SY |  |
| 2 | TAMBI SIIL BHANGI AMBADAS | B. $\mathrm{So}(\mathrm{st}) \mathrm{Sy}$ |  |
| 3 | KAMBI I BABASAHEB NAMDEV | B.SC.stisy | 9890863658 |
| 4 | TOTE REKHA SHIVRAJ | B.SC(St) Sy |  |
| 5 | HALLALE SWATI SURYKANT | B Salstil) |  |
| 6 | JADHAV MKSHAY PANDHARI | B.Sc(st) 1) | 7709503433 |
| 7 | SUR IAW WNSHI RAHUL ASHOK | B.Sc.icsisy | 9579470002 |
| 8 | SWAMI DIIANANJAY NANDKUMAR | B Seics)SY | 78881847119 |
| 9 | SW AMI ROHIT ASHOKRAO | $B \times(8)$ | - |
| 10 | BIDVE ROHAN BHIMA | B Se. (C)IY | 7276869256 |
| 11 | BIRAJADAR SHWETA DILIP | B. Sci(s)T ) | 9373017761 |
| 12 | BIRLE SHIIVRAM BALAJI | BCAS | $976+250798$ |
| 13 | CHAVAN PRATIKSHA PRAKASH | BCASY | - |
| 14 | CHAMI PUUA RAJENDRA | BCI 1 ) | - |
| 15 | KAMBI I SATYAM $\angle U M B E R$ | BCA SY | 8380970508 |
| 16 | DHANNA ASHWINI AJAY | BCA IY | 8600078308 |
| 17 | DHUMAL SHUBHAM BALAJIRAO | BCA TY | 7086048000 |
| 18 | GADF ABHIUEET ARVIND | BCA1) | 9604330386 |
| 19 | DOKI SUNITA TUKARAM | M. Sc.(CS)FY | 9011597609 |
| 20 | GAIK WAD VISHAKHA RAOSAIIEB | M se.cesit ${ }^{\text {c }}$ | 9158502480 |
| 21 | GHLII RUSHIKESH JAGANNATH | M.sc.ics) C Y | 706377760 |
| 22 | GOMARI PU NDLIK GOVIND | Msemestes | 966549666 |
| 23 | GONDGI GAVESH VAIJNATH | M. Sc. (cais) | 9518342191 |
| 24 | IRIL SLDIIIR TANAJI | M.scecosy | 9405627444 |
| 25 | SURY AVASHII DIK SHA NANDKUMAR | M. Sistiny | 7720874956 |
| 26 | IAMBOLI ASMA FAROOQ | M Selstily | 8485034684 |
| 27 | YEDDF JIII SHI SHASHIKANT | Mselstisy | 7447220516 |
| 28 | YENGE SANTOSH DNYANOBA | MSa(818) | 4637315141 |

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College of Computer Science and Information Technology, Latur

## Department of Computer Science

30-Days Add-On Program

On<br>"Java Programming"<br>Registration Form

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2. Class
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MASC. (CS) SM


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## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name
2. Class
3. Contact No.

## Royal Education Society's

College of Computer Science and Information Technology, Latur Department of Computer Science

30-Days Add-On Program

> On

## Registration Form

1. Name
2. Class
3. Contact No.


## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name

HALLALE SWAT I SURXKANT
2. Class
3. Contact No.


## Royal Education Society's

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30-Days Add-On Program
On
"Java Programming"
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2. Class
3. Contact No.


Sign

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College of Computer Science and Information Technology, Latur Department of Computer Science

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> On
> "Java Programming"

## Registration Form

1. Name
2. Class
3. Contact No.


Sign

## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program <br> On <br> "Java Programming" <br> Registration Form

1. Name
2. Class
3. Contact No.


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Royal Education Society's
College of Computer Science and Information Technology, Latur

## Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

## Feedback Form



# Royal Education Society's <br> College of Computer Science and Information Technology, Latur 

Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form
 Thank you for completing the questionnaire.

# Royal Education Society's <br> College of Computer Science and Information Technology, I atur 

Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form


## Royal Education Society's <br> College of Computer Science and Information Technology, Latur

## Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form

| Scale | $\mathrm{Y} / \mathrm{N}$ | Marks out of 10 | Comment |
| :---: | :---: | :---: | :---: |
| 1.The Program was applicable for job | Yes No | 7 |  |
| 2. The Program well-paced within allocated time | Yes | 9 |  |
| 3. The resource person was knowledgeable on topic | Yes | 10 |  |
| 4. The Add-on program Facilities were appropriate or satisfactory. | Yes No | 8. |  |

## Royal Education Society's College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program on "Java Programming" <br> Feedback Form

| Scale | Y/N |  | Marks out of | Comment |
| :--- | :--- | :--- | :--- | :--- |
| 1.The Program was <br> applicable for job | Yes | No |  |  |

Thank you for completing the questionnaire.

Royal Education Society's
College of Computer Science and Information Technology, Latur
Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form

| Scale | Y/N |  | Marks out of | Yes |
| :--- | :--- | :--- | :--- | :--- |

## Royal Education Society's

## College of Computer Science and Information Technology, Latur

Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

Feedback Form

| Scale | Y/N |  | Marks out of | Comment |
| :--- | :--- | :--- | :--- | :--- |
| 1. The Program was <br> applicable for job | Yes | No | No |  |

Thank you for completing the questionnaire.

## Royal Education Society's <br> College of Computer Science and Information Technology, Latur <br> Department of Computer Science <br> 30-Days Add-On Program on "Java Programming" <br> Feedback Form



Thank you for completing the questionnaire.

## Royal Education Society's <br> College of Computer Science and Information Technology, Iatur

Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form


Thank you for completing the questionnaire.

## Royal Education Society's

College of Computer Science and Information Technology, Latur

## Department of Computer Science

30-Days Add-On Program on "Java Programming"

## Feedback Form



## College of computer Science \& Information Technology, Latur

## Department of Computer Science

30 -Days Add-On Program on " Java Programming "
Feedback Analysis Report

| Sr. No. | Questions | Yes | No |
| :---: | :--- | :---: | :---: |
| 1 | The Program was applicable for job | 27 | 01 |
| 2 | The Program well-paced within allocated <br> time | 24 | 04 |
| 3 | The resource person was knowledgeable on <br> topic | 26 | 02 |
| 4 | The Add-on program Facilities were <br> appropriate or satisfactory. | 24 | 04 |

## FEEDBACK ANALYSIS REPORT



The Piogram well
paced within
allocated time


## PRIYA SHAIIAII SONWANE.

## 8485821861,9511877098

## Objective:

"Ready to work in a competitive atmosphere to gain good experience and achieve a respectable position in company and life. A part of highly skilled and motivated team that utilizes my integrated computer education, commercial skills and work experience."

Academic Qualification:

| Academic <br> Qualification | Institute/ University | Year of Passing | CGPA |
| :---: | :---: | :---: | :---: |
| MCA | Marathwada Mitra Madal Institute of Technology <br> /Affiliated to University of Pune. | 2014 | $65.38 \%$ |
| BCA | COCSIT College | 2011 | $64.00 \%$ |
| HSC | Rajfiliated to S.R.T.M University of Nanded. |  |  |
| SSC Shathu college. |  |  |  |
| Latur Board. |  |  |  |$\quad$| Deshikendra school. |
| :---: |
| Latur Board. |

## Other Computer Proficiency:

- Languages
- Worked with DBMS Packages
- Worked with Front End IDE
- Worked with Operating Systems
- Web Technology

Java, C. Cil.
: MySQL. SQI. Server.
: VB 6.0. Visual Studio 2010, and Eclipse.
: Windows XP. 7
HTML. CSS. JavaScript.


Working Projects (Academic Projects.):

| Project | $:$ | Online Booking |
| :--- | :--- | :--- |
| Technology | $:$ | PHP and MYSQL |
| Project2 | $:$ | Farmacitical ERP. |
| Technology | $:$ | JAVA and MYSQI. |

## Experience:

- I have 1 year Experience in COCSIT college As I ecturer


## Personal Information:

- Father Name : Shahaji P. Sonwane
- D.O.B : 28/03/1991.
- Gender : FEMALE.
- Languages Known : ENGLISH, HINDI, MARATHI
- Permanent Address : Narayan Nagar, "Pandhari Smriti". Ausa Road, District: Latur. State: Maharastra.
- Marital Status : Single.
- Hobbies : Playing Batminton, Listening music.

I hereby declare that the above written particulars are true and correct to the best of my knowledge and belief.

Date:
Place: Latur

> (Priya S. Sonwane)


# College of computer Science $\&$ Information Technology, Latur <br> Department of Computer Science <br> 30 -Days Add-On Program on "Java Programming" <br> Syllabus 

Module 1: Structure of core programming
Lesson 1: Introduction to Java
1: Introduction to Java
2: Features of Java
3: Evolution in Java
4: Developing software in Java
Lesson 2: Eclipse3.3 as an IDE
1: Installation and Setting up Eclipse
2: Introduction to Eclipse IDE
3: Creating and Managing Java Projects
4: Miscellaneous Options
Lesson 3: Language Fundamentals
1: Data Types
2: Variables
3: Methods and Parameter Passing
4: Keywords
5: Operators and Assignments
6: Flow Control: Java's Control Statements
7: Arrays
8: Declaring Type Safe Enums
Mini Project :
1)Using switch statements combination
2) Using Methods.

Module 2: Object Oriented Programming (OOPS)
Lesson 4: Object Oriented Programming Features in Java
1: Objects and Classes


2: Other Modifiers
3: Nested Classes
4: The Object Class
5: The System Class
Language fundamentals
1: String Handling
2: Wrapper Classes
3: Simple formatted I/O and Scanner
Lesson 5: Packages and Interfaces
1: What is an Interface?
2: Packages
3: Access Specifiers and Modifiers
Lesson 6: Exception Handling
1: Exception Handling Fundamentals
2: Exception Types
3: Handling Exceptions
4: Creating Application Specific Exceptions
Lesson 7: Files and Streams
1: Overview of I/O Streams
2: Types of Streams
3: The Bytestream I/O hierarchy
4: Character Stream Hierarchy
5: Buffered Stream
6: Data Stream
7: Object Stream
8: Scanning and Formatting
9: Predefined Streams

## Mini Project:

1) using oops features
2) using file handling

Module 3: Advanced Feature of JAVA SE
Lesson 8: Thread
1: process/thread concept
2.thread life cycle

3:thread method
$4: 2$ ways of creation of thread
5 :synchronization(2ways)

```
6:inter thread commmunication
7.Dead lock
```


## Lesson 9: Collections

```
1: Collections Framework
2: Collection Interface Methods
3: Generics
4: Enhanced For Loop
5: Auto-Boxing with Collections
6: Implementing Classes
7: The Legacy Classes and Interfaces
Lesson 10: Java Database Connectivity (JDBC 3.0)
1: Java Database Connectivity Introduction
2: Database Connectivity Architecture
3: JDBC APIs
4: Database Access Steps
5: Using RowSets
6: Using Transaction
7: Connection Pooling
8: Java Database Connectivity.
Java Standard Edition project:
1: Project Requirement Specification,
2: Database tables creation,
3:Adapter classes
4: POJO
5: DAO
6: Beans
```


# College of Computer Science and Information Technology, Latur 

## Department of Computer Science

30-Days Add-On Program on "Java Programming"

## Question Paper

## N.B. - Each question have 2 marks.

1. Which is valid declaration of a float?
a. float $f=1 \mathrm{~F}$;
b. float $f=1.0$;
c. float $\mathrm{f}=$ " 1 ";
d. float $\mathrm{f}=1.0 \mathrm{~d}$;
2. public class Test $\{$ \}

What is the prototype of the default constructor?
a. Test()
b. Test(void)
c. public Test()
d. public Test(void)
3. You want subclasses in any package to have access to members of a superclass. Which is the most restrictive access that accomplishes this objective?
a. Public
b. Private
c. Protected
d. Transient
4. Which will contain the body of the thread?
a. run();
b. start();
c. stop();
d. main();

5. What will be the output of the program?

```
int i=1,j=10;
do
{
    if(i>j)
        {
        break;
    }
    j-;
} while (++i < 5);
System.out.println("i=" +i+" and j=" +j);
```

a. $\mathrm{i}=6$ and $\mathrm{j}=5$
b. $i=5$ and $j=5$
c. $i=6$ and $j=4$
d. $i=5$ and $j=6$
6. Which is a valid declaration within an interface?
a. public static short stop $=23$;
b. protected short stop $=23$;
c. transient short stop $=23$;
d. final void madness(short stop);
7. What will be the output of the program?
public class $A$
\{

```
        void A() /* Line 3 */
```

    \{
            System.out.println("Class A");
        )
        public static void main(String[] args)
    \{
        new A();
    )
    1
a. Class A
b. Compilation fails.
c. An exception is thrown at line 3.
d. The code executes with no output
8. Which class does not override the equals() and hashCode() methods, inheriting them directly from class Object?
a. java lang. String
b. java lang. Double
c. java.lang. StringBuffer
d. java.lang. Character
9. You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides that capability?
a. java.util.Map
b. java.util.Set
c. java.util.List
d. java.util.Collection
10. Which is true about an anonymous inner class?
a. It can extend exactly one class and implement exactly one interface
b. It can extend exactly one class and can implement multiple interfaces.
c. It can extend exactly one class or implement exactly one interface.
d. It can implement multiple interfaces regardless of whether it also extends a class.

```
11. class A
{
        protected int method1(int a, int b)
    I
        return 0;
    }
    }
```

Which is valid in a class that extends class A?
a. public int method1(int a, int b) \{return 0; \}
b. private int method1(int a, int b) \{ return 0; \}
c. public short method1(int a, int b) \{return 0 ; \}
d. static protected int method1(int a, int b) \{return 0 ; \}
12. Which two of the following methods are defined in class Thread?

1. start()
2. wait()
3. notify()
4. run()
5. terminate()
a. 1 and 4
b. 2 and 3
c. 3 and 4

d. 2 and 4
6. Which statement is true?
a. The notifyAll() method must be called from a synchronized context,
b. To call wait(), an object must own the lock on the thread.
c. The notify() method is defined in class java. lang. Thread.
d. The notify() method is defined in class java.lang. Thread.
7. Which three guarantee that a thread will leave the running state?
8. yield()
9. wait()
10. notify()
11. notifyAll()
12. sleep $(1000)$
13. aliveThread.join()
14. Thread. killThread()
a. 1,2 and 4
b. 2,5 and 6
c. 3,4 and 7
d. 4,5 and 7
15. What will be the output of the program?
public class. Test
I
```
        public static void main(String[) args)
    Int }\textrm{x}=0\mathrm{ ;
    assert (X > 0) ? "assertion falled" : "aseertion passed"
    gy=iem.out.println("Einlshed"):
    l
```

,
a. Eintshed
b. Complilation fails
c. An AssertionError
d. An Assertionerfor is thrown and firished is output with the mesagag "
16. What will be the output
class Test

## int $x=20$;

Titing sup $=(x<15)$ ? "nall"
Syoten.out.println (sup);

```
a. small
b. Siny
4., Tuge
d. Compilation fails
17. Which statement is true?
a.
    A statir mathod camnot be synchronmad.
    It a class has synchronized code, multiple throads cin at111 acoess the
    nonsynchronized code.
c. Variables can be protected from concurrent acoess problams by marking
    tham with the synchronized keyword.
d. When a thread sleeps, it releases its locks.
18. You want a class to have access to mombers of another class in the
    same package. Which is the most restrictive access that
    accomplishes this objective?
a. public
b. private
c. protected
d. default access
19. Given a method in a protected class, what agonsa asalfier do you use to restrict access to that nethod to only the othet members of the same class?
a. final
b. static
c. private
d. protected
e. volatile
```

20. What is the widest valid returnType for methodA in line 3?
```
public class Returnit
( returnType methodA(byte x, double y) /* Line 3 %/
return (long)x / y * 2;
```

a. int
b. byte
c. long
d. double


## College of Computer Science and Information Technology, Latur

Department of Computer Science

## 30-Days Add-On Program on "Java Programming"

## Answer Key

1. Which is valid declaration of a float?
a. float $f=1 F$;
b. float $\mathrm{f}=1.0$;
c. float $\mathrm{f}=$ " 1 ";
d. float $\mathrm{f}=1.0 \mathrm{~d}$;
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a. Public
b. Private
c. Protected
d. Transient
4. Which will contain the body of the thread?
a. $\operatorname{run}()$ :
b. start():
c. stop():
d. main();

5. What will be the output of the program?

```
int i=1,j=10;
do
{
    if(i>j)
    {
        break;
    }
    j-;
} while (++i< 5);
System.out.println("i= " + i + " and j = " + j);
```

a. $i=6$ and $j=5$
b. $i=5$ and $j=5$
c. $i=6$ and $j=4$
d. $\mathrm{i}=5$ and $\mathrm{j}=6$
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a. public static short stop $=23$;
b. protected short stop $=23$;
c. transient short stop $=23$;
d. final void madness(short stop);
7. What will be the output of the program? public class A
1 void A() /* Line 3 */
$\{$
System.out.println("Class A");
)
public static void main(String[] args)
$\{$
new A();
)
)
a. Class A
b. Compilation fails.
c. An exception is thrown at line 3.
d. The code executes with no output
8. Which class does not override the equals() and hashCode() methods, inheriting them directly from class Object?
a. java lang String
b. java. lang Double
c. java.lang.StringBuffer
d. java lang Character
9. You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides that capability?
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c. Java.util. List
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b. It can extend exactly one class and can implement multiple interfaces.
c. It can extend exactly one class or implement exactly one interface.
d. It can implement multiple interfaces regardless of whether it also extends a class.
11. class $A$

1 protected int method1(int a , int b ) 1 return 0;
) )
Which is valid in a class that extends class A?
a. public int method1(int a, int b) \{return 0; \}
b. private int method1(int $a$, int b) $\{$ return 0 ; \}
c. public short method1(int a , int b) \{ return 0 ; \}
d. static protected int method1(int a, int b) \{ return 0; \}
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3. notify()
4. run()
5. terminate()
a. 1 and 4
b. 2 and 3
c. 3 and 4

d. 2 and 4
a. 1,2 and 4
b. 2,5 and 6
c 3,4 and 7
d. 4,5 and 7
6. Which statement is true?
a. The notifyAll() method must be called from a synchronized context.
b. To call wait(), an object must own the lock on the thread.
c. The notify() method is defined in class java.lang Thread.
d. The notify() method is defined in class java.lang. Thread.
7. Which three guarantee that a thread will leave the running state?
8. yield()
9. wait()
10. notify()
11. notifyAll()
12. sleep (1000)
13. aliveThread.join()
14. Thread killThread()
15. What will be the output of the program?
```
public class Test
I
    fublic static void maln(Stringl) arqs)
        Int }x=0\mathrm{ ;
        dssert (x>0) ? "assertion falled" : "assertion passed" ;
    1
I
```

4. Tinlshed
b. Compilation fails
d. An AssertionError is thrown and HinishertionError is throw output
d. An Agsertionerror is thrown with the message " "pusert assertion failed"
5. What will bes the output of the program?
publice static void malnistring
int $x=20$;
8tring sup $=$



```
b. tiny
    huge
d. compilation fails
17. Which statement is true?
a. A static method cannot be synchronized.
b. If a class has synchronized code, multiple threads can still access the
    nonsynchronized code.
    8. Varlables can be protected from concurrent accuss probloms by marking
    then with the synchronized keyword.
d. When a thread sleeps, it releases its locks.
18. You want a class to have access to mombers of anothet class in the same package. Which is the most restrictive anceas that accomplishes this objective?
a. public
b. private
c. protected
d. default access
```

```
19. Given a method in a protected class, what access modifier do you
```

19. Given a method in a protected class, what access modifier do you
use to restrict access to that method to only the other members
use to restrict access to that method to only the other members
of the same class?
of the same class?
a. final
b. static
c. private
d. protected
volatile
```
20. What is the widest valid returnType for methodA in line 3 ?
```

public class Returnit
I
returnType methodA(byte x, double y) /* Line 3 %/
{
return (long)x / y* 2;
I
1

```
a. Int
b. Byte
c. Long
d. Double


\section*{College of computer Science \& Information Technology, Latur}

Department of Computer Science
30 -1)ays Add-On Program on "Java Programming"
Mark List
\begin{tabular}{|c|c|c|}
\hline Sr. No. & Name of the Student & Marks (40) \\
\hline 1 & SWAMI PRAUKTA BASWARIS & 30 \\
\hline 2 & TAMABE SHUBHANGI AMABATIC & 16 \\
\hline 3 & KAMBLE BABASAHEB NAMDEV & 28 \\
\hline 4 & TOTE REKHA SHIVRAJ & 23 \\
\hline 5 & HALLALE SWATI SURYKANT & AA \\
\hline 6 & JADHAV AKSHAY PANDHARI & 34 \\
\hline 7 & SURYAWANSHI RAHUL ASHOK & 10 \\
\hline 8 & SWAMI DHANANIAY NANDK LIMAR & 33 \\
\hline 9 & SWAMI ROHIT ASHOKRAO & 20 \\
\hline 10 & BIDVE ROHAN BHIMA & 32 \\
\hline 11 & BIRAJADAR SHWETA DIIIP & 23 \\
\hline 12 & BIRLE SHIVRAM BALAI & 38 \\
\hline 13 & & 24 \\
\hline 13 & CHAVAN PRATIKSHA PRAKKASH & \\
\hline 14 & CHAME PUJA RAJENDRA & 22 \\
\hline 15 & KAMBLE SATYAM ZUMBER & 18 \\
\hline 16 & DHANNA ASHWINI AJAY & AA \\
\hline 17 & & 38 \\
\hline 17 & DHUMAL SHUBHAM BALAJIKAU & 20 \\
\hline 18 & GADE ABHIJEET ARVIND & \\
\hline 19 & DOKE SUNITA TUKARAM & 11 \\
\hline 20 & GAKKWAD VISHAKHA RAOSA HEB & 18 \\
\hline 21 & GHULE RUSHIKESH JAGANNATH & 32 \\
\hline 22 & & 29 \\
\hline 22 & GOMARE PUNDL & \\
\hline 23 & GONDGE GANESH VAUNATH & AA \\
\hline 24 & IRLE SUDHIR TANAI & 38 \\
\hline 25 & SURYAVASHI DIKSHA NAND KUMIKI & 12 \\
\hline 26 & TAMBOUI ASMA FAROOQ & 34 \\
\hline 27 & YEDLE JITESH SHASHIKKANT & AA \\
\hline 28 & YENGE SANTOSH DNYANOBA & 18 \\
\hline
\end{tabular}

\title{
COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY(COCSIT), LATUR संगणकशास्त्र व माहितीतंत्रज्ञान महाविद्यालय(कॉक्सिट), लातूर.
}

Ambajogai Road, LATUR-413531 (Maharashtra)
Ph.: 02382-229191, Fax : 02382-228646, Website : www.cocsit.org.in, E-mail : cocsit365@rediffmail.com

\section*{NOTICE}

The Add-On program on "Java Programming" is arranged on 11/01/2019 to \(15 / 02 / 2019\) for UG SY, TY and PG FY, SY students. Interested students should register their names with Ms. P. R. Sasane on or before 11/01/2019.


I/C. PRINCIPAL College of Contertemaience and information lechnology, Latur

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\section*{COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, LATUR.}

Registration list for: Add - On Program on "Java Programmig"
\begin{tabular}{|c|c|c|c|}
\hline Roll No. & Name of Student & Class & Mobile No. \\
\hline 1 & KATPURE PRADNYA BALAJI & BCA SY & 9130839362 \\
\hline 2 & TALE MEGHA RAMDAS & BCA SY & 9730604896 \\
\hline 3 & SHINDE SNEHA RAVINDRA & BCA SY & 8484815478 \\
\hline 4 & SATPUTE PAVAN VINODRAO & BCA SY & 8975201182 \\
\hline 5 & SATALKAR KETAN KISHOR & BCA SY & 9764215779 \\
\hline 6 & KHODWE SATYAM MILIND & B.Sc(C.S.) TY & 9975147579 \\
\hline 7 & RODGE SNEHA SANJU & B.Sc(C.S.) TY & 9890902380 \\
\hline 8 & BARURE SAYALI SUDHIR & B.Sc(C.S.) TY & 8975008303 \\
\hline 9 & JADHAV VAISHNAVI VILAS & BCA TY & 9689497580 \\
\hline 10 & THORAT NIKHIL DAJI & BCA TY & 7709337949 \\
\hline 11 & SATHE AKASH SHIVAJI & BCA TY & 9922274203 \\
\hline 12 & JADHAV RAM ARUN & BCA TY & 9484934414 \\
\hline 13 & SURVASE DIPAK GANGADHAR & BCA TY & 9657839980 \\
\hline 14 & GUNGUNE SHILPA CHANDRAKANT & M.Sc(C.S)SY & 9765206820 \\
\hline 15 & NANGARE SHRIKANT MOHANRAO & M.Sc(C.S)SY & 9970097086 \\
\hline 16 & PATIL SUJIT SHEKHAR & B.Sc(S.E) SY & 7391916791 \\
\hline 17 & SHAIKH CHAND GULABSAB & B.Sc(S.E) SY & 8007607386 \\
\hline 18 & PANDGE PRASHANT UDHAV & B.Sc(S.E) SY & 7774851674 \\
\hline 19 & MAKANE MANGESH ANGADRAO & B.Sc(C.S.) SY & 7507292254 \\
\hline 20 & YERTE AKASH SHARNAPPA & B.Sc(C.S) SY & 8484003223 \\
\hline 21 & SAKHARE DEEPALI HANSRAJ & B.Sc(C.S) SY & 8669292604 \\
\hline 22 & KABRA PAYAL BALAPRASAD & M.Sc(C.S) FY & 8390922555 \\
\hline 23 & PATEL ANAM NISAR & M.Sc(C.S) FY & 8390922555 \\
\hline 24 & DHUMAL RAJNIGANDHA BALAJI & M.Sc(S.E) FY & 8459626735 \\
\hline 25 & JADHAV ROHAN SATISH & M.Sc(S.E) FY & 8788291909 \\
\hline 26 & DHURVE SATISH BABURAO & M.Sc(SAN) FY & 8951172199 \\
\hline 27 & BARASKAR RAKESH PRAKASH & B.Sc(S.E) TY & 9404947754 \\
\hline 28 & GURAV NIKHIL KALIDAS & B.Sc(S.E) TY & 9588618201 \\
\hline 29 & KULKARNI SWATI SHAMRAO & M.Sc(C.S) FY & 9860958168 \\
\hline 30 & MAGÁR CHAITALI ANANTRAO & M.Sc(C.S) FY & 9657409605 \\
\hline
\end{tabular}


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College of Computer Science and Information Technology, Latur Department of Computer Science

30-Days Add-On Program
On
"Java Programming"
Registration Form
1. Name

Katpure Pradnya Polaji
2. Class
3. Contact No.


9130839362

\title{
Royal Education Society's \\ College of Computer Science and Information Technology, Latur \\ Department of Computer Science \\ 30-Days Add-On Program \\ On \\ "Java Programming" \\ Registration Form
}
1. Name

Tale Megha Ramos
2. Class
3. Contact No.


Sign

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College of Computer Science and Information Technology, Latur Department of Computer Science

30-Days Add-On Program
On
"Java Programming"
Registration Form
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2. Class
3. Contact No.

\section*{Bodge Sneba Sanju}
B.Sc(c.s) Ty

9890902380

\title{
Royal Education Society's \\ College of Computer Science and Information Technology, Latur \\ Department of Computer Science \\ 30-Days Add-On Program \\ On \\ "Java Programming" \\ Registration Form
}
1. Name
2. Class
3. Contact No.

Basure sayalio sudhis
- B.SCCsenty
\(-8975008302\)


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30-Days Add-On Program
On
\(\frac{\text { "Java Programming" }}{\text { Registration Form }}\)
1. Name
2. Class
3. Contact No

Jadhav Vaishravi Villas


Sign
```

Royal Education Society's
College of computer Science $\mathcal{\&}$ Information Technology, Latur
Department of Computer Science
30 -Days Add-On Program on "Java Programming"
Syllabus

```

Module 1: Structure of core programming

\section*{Lesson 1: Introduction to Java}

1: What is Java.
2: History of Java.
3: Features of Java
4: Java Installation and Configuration.
5: How to set path in Java.
6. Java Variables.
7. Data Types in Java.
8. Operators in java.
9. Java Keywords.

Lesson 2: Eclipse3.3 as an IDE
1: Installation and Setting up Eclipse
2: Introduction to Eclipse IDE
3: Creating and Managing Java Projects
4: Miscellaneous Options
Lesson 3: Control Statements
1: Java If-else Statement.
2: Java Switch Statement.
3. Loops in Java.
4. Java Break Statement.
5. Java Continue Statement.

6: Methods and Parameter Passing.
7: Arrays
8: Declaring Type Safe Enums
Mini Project :
1) Using switch statements combination
2) Using Methods.

Lesson 4: Java OOPs Concepts
1: Objects and Classes
2: Other Modifiers
3: Nested Classes
4: The Object Class
5: Constructors in Java
6: Java static keyword
7: this keyword in java
Language fundamentals
1: String Handling
2: Wrapper Classes
3: Simple formatted I/O and Scanner
Lesson 5: Packages and Interfaces
1: What is an Interface?
2: Packages
3: Access Specifiers and Modifiers
4: Abstract class in Java
Lesson 6: Exception Handling
1: Exception Handling Fundamentals
2: Exception Types
3: Handling Exceptions
4: Java Multi-catch block
5: Creating Application Specific Exceptions
6: Java finally block
Lesson 7: Files and Streams
1: Overview of I/O Streams
2: Types of Streams
3: The Bytestream I/O hierarchy
4: Character Stream Hierarchy
5: Buffered Stream
6: Data Stream
7: Object Stream
8: Predefined Streams
Mini Project:
1) using oops features
2) using file handling


Lesson 8: Thread
1: Thread concept
2: Thread life cycle
3: Thread method
4: Twoways of creation of thread
5: Synchronization(2 ways)
6: inter thread commmunication
7. Dead lock

Lesson 9: Applet Programming 1: Java Applet
2. Lifecycle of Java Applet

3: Passing parameters using \(<\) PARAM \(>\) Tag.
3: Displaying Graphics in Applet.
Lesson 10: Java Database Connectivity (JDBC 3.0)
1: Java Database Connectivity Introduction
2: Database Connectivity Architecture
3: JDBC APIs
4: Database Access Steps
5: Using RowSets
6: Using Transaction
7: Connection Pooling
8: Java Database Connectivity.
Java Standard Edition project:
1: Project Requirement Specification,
2: Database Connectivity.
3:Adapter classes.
4: DAO.
5: Beans.

\section*{Patel Siddika Nawab}

Patelsiddikal@gmail.com
7972194548
Academic Qualification:
\begin{tabular}{|c|l|c|c|}
\hline \begin{tabular}{c} 
Academic \\
Qualification
\end{tabular} & Institute/ University & Year of Passing & Percentage \\
\hline M.C.A. & \begin{tabular}{l} 
Swami Vivekanand college of IT.Udgir \\
Affiliated to S.R.T.M University of Nanded.
\end{tabular} & 2014 & \(75.80 \%\) \\
\hline MCM & \begin{tabular}{l} 
College of Engineering,Osmanabad \\
/Affiliated to Dr.B.A.M University of Aurangabad.
\end{tabular} & 2009 & \(71 \%\) \\
\hline BCA & \begin{tabular}{l} 
Terna College,Osmanabad \\
Affiliated to S.R.T.M University of Nanded.
\end{tabular} & 2004 & \(63 \%\) \\
\hline HSC & Latur Board. & 2001 & \(64 \%\) \\
\hline SSC & LaturBoard. & 1999 & \(71 \%\) \\
\hline
\end{tabular}

\section*{Other Computer Proficiency:}
- Languages
- Worked with DBMS Packages
- Worked with Front End IDE
- Worked with Operating Systems
- Web Technology
: Java, C, C++.
: MySQL, SQL Server.
: VB.Net, ASP.NET,c\#.net
Visual Studio 2008,
: Windows XP, 7
: HTML.

\section*{Personal Information:}
- Name : Patel Siddika Nawab
- D.O.B : 10/08/1983.
- Gender : FEMALE.
- Languages Known : ENGLISH, HINDI, MARATHI
- Permanent Address : Jafar Nagar,

Latur
- Marital Status : Married.

Experience :- I have experience of teaching in Mahatma Gandhi Mahavidyalaya,Ahmedpur, of Seven years.
At Present I am working In COCSIT College of Latur Since One year as a lecturer.
I hereby declare that the above written particulars are true and correct to the best of my knowledge and belief.

Date:
Place: Latur

 Dejpartment of Computer Science

Attenfance Sheet
30 -Days Add-On Progratt On "Javat Programming"
\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline HN & Nam & 11 & 12 & 14 & 15 & 16 & 17 & 18 & 19 & 4 & 22 & 23 & 24 & 25 & 28 & 29 & 30 & 31 & 18 & 2 & 4 & 5 & & & 8 & 9 & 19 & 12 & 3 & द & 15 & \multirow[b]{2}{*}{Totit} \\
\hline & & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 & 21 & 22 & 23 & 24 & 25 & 26 & 27 & 28 & 29 & 30 & \\
\hline &  & 4 & 1 & 2 & 5 & 4 & 5 & 6 & 7 & A & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 18 & A & 17 & 12 & & 20 & 4 & 22 & 25 & 26 & 25 & 26 & 2.) & 27 \\
\hline & 4818 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 13 & 19 & . & 21.2 & & -3 & 26 & 25 & 26 & 2.7 & 4 & 29 & 30 & 30 \\
\hline &  & 1 & 2 & A & 9 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 13 & 19 & 20 & z & \(\frac{1}{2}\) & -3 & 24 & 25 & 26 & 2.7 & 28. & 2.9 & 29 \\
\hline 1 &  & 1 & 2 & A & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & A & 12 & 13 & 15 & 15 & 16 & 17 & 18 & 19 & & & 22 & 23 & 26 & 25 & 24 & 27 & 28 & 28 \\
\hline 3 & CuIat kaik kitashiswor & 1 & 2 & 3 & 2 & 5 & 6 & 7 & ) & 9 & 10 & 11 & 12 & 13 & 16 & 15 & A & 16 & 17 & 18 & 19 & 201 & 2 & 2 & 23 & 26 & 25 & 26 & 27 & 27 & 29 & 29 \\
\hline 1 &  & 1 & A & 2 & 3 & 4 & 5 & 6 & A & 7 & 8 & 9 & 10 & 11 & 12 & 15 & 14 & 5 & 6 & ท & 8 & 19 & \(2 x\) & 4 & 22 & A & 23 & 24 & 25 & 28 & 27 & 27 \\
\hline &  & A & 1 & 2 & 3 & 6 & 5 & 6 & 7 & 8 & A & 9 & 15 & 11 & 12. & 13 & 14 & 15 & 16 & 17 & A & 17 & 19 & To & Q 4 & 22 & 25 & 24 & 25 & 26 & A. & 26 \\
\hline &  & 1 & 2 & A- & A & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 19 & 19 & A & 20 & 21 & 2.2 & 43 & 24 & 2 r & 26 & \(2)\) & 27 \\
\hline & & 1 & 2 & 9 & 6 & 5 & 6 & 7 & 8 & A & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 & 4 & A & 22 & 23 & \(\angle 4\) & 25 & 26 & 271 & 4 & 28 \\
\hline & & 1 & 2 & 3 & 4 & A & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 13 & 19 & 20 & 2 & 2 & 23 & 24 & 25 & \(2 C\) & 27 & A & 21 & 29 \\
\hline & & 1 & 2 & 5 & 4 & \(r\) & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & A & 14 & 15 & 16 & 17 & 17 & 192 & 20 & 21 & 22 & 23 & 24 & 25 & 2.6 & 2.\()\) & 28 & 29 & 29 \\
\hline & & N & 1 & 2 & 3 & 4 & 5 & 6 & A & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 16 & 15 & 16 & 17 & A & 18 & 19 & Le & 4 & 22 & 23 & 4 & A & 2. & 25 & 25 \\
\hline & & 4. & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 95 & 16 & 17 & 18 & 19 & 20 & 212 & 22 & 23 & 4 & 25 & 26 & 27 & 2.8 & cy & 30 & 30 \\
\hline & & 1 & 2 & 3 & 4 & 5 & A & 6 & 7 & 8 & 3 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 & 2.1 & 22 & 23 & 4 & 2.4 & 25 & 26 & 27 & 28 & 2) \\
\hline & & 1 & 2 & 9 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 16 & 15 & 16 & 17 & 18 & 19 & 20 & 21 & 2.2 & 23 & 24 & 2.5 & 26 & 27 & 4 & 29 & 30 & 30 \\
\hline & & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 & 2 & 2. & 4 & 24 & 25 & 26 & 27 & 21 & 29 & 30 & 30 \\
\hline & bilamil Crisipei & 4 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & P & 11 & 12 & 13 & 16 & 15 & 16 & 17 & 18 & A & 19 & 20 & 21 & 22 & 28 & 24 & c. 5 & N & 4 & 2.6 \\
\hline IV &  & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12. & 13 & 14 & 15 & 18 & 17 & 11 & 19 & 20 & 21 & 1.2 & 23 & 26 & 2 & 2.6 & 27 & 28 & 991 & 30 & 30 \\
\hline &  & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & B & 10 & 11 & 12 & 13 & 16 & 15 & 16 & 17 & 18 & 19 & 26 & 4 & 22 & 13 & ch & 25 & 26 & 2) & 28 & 49 & 30 & 20 \\
\hline &  & 1 & 2 & 3 & A & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & 17 & 19 & 19 & 20 & 21 & \(2 / 2\) & 23 & 24 & 25 & 26 & 27 & 28 & 4.9 & 2g \\
\hline & fits & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 7 & 5 & 10 & 11 & 12 & 13 & 14 & 15 & 16 & A & 17 & 12 & 19 & 20 & 21 & 22 & 28 & 26 & 25 & 2.6 & & & & \\
\hline & & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 9 & 9 & 16 & 11 & 12 & 13 & 16 & 15 & 16 & 17 & 13 & 19 & 20 & 4 & 22 & 23 & 24 & 25 & 26 & & & & & \\
\hline & & t & & 2 & 3 & 4 & 5 & 6 & 4 & F & \(?\) & 9 & 9 & 16 & 11 & 12 & 13 & 16 & 15 & 16 & 17 & 17 & 19 & A & A & 20 & 21 & & & & & \\
\hline & & 1 & A & 2 & 3 & 4 & 5 & 6 & 7 & 9 & 9 & 18 & 11 & 12 & A & 13 & 15 & & 16 & 17 & 13 & 19 & 20 & A & 4 & 4 & A & & & & & \\
\hline
\end{tabular}


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College of Computer Science and Information Technology, Latur
Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form


Royal Education Society's
College of Computer Science and Information Technology, Latur
Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form
\begin{tabular}{|c|c|c|c|}
\hline Scale & Y/N & Marks out of & Comment \\
\hline 1. The Prugram was applicable for job & Yes \(\square\) No \(\square\) & 10 & yes \\
\hline 2. The Program well-paced within allocated time & Yes No & 10 & Ye8 \\
\hline 3. The resource person was kriowledgeable on topic & Yes No & 10 & yes \\
\hline 4. The Add-on program Facilities were appropriate or satisfactory. & Yes & 10 & ye \\
\hline
\end{tabular}

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College of Computer Science and Information Technology, Latur
Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form
\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{4}{|c|}{Feedback Form} \\
\hline Scale & Y/N & Marks out of & \multirow[b]{2}{*}{Comment} \\
\hline 1. The Program was
applicable for job & Yes No & 10 & \\
\hline applicable for job
2. The Program well-paced
within allocat & Yes \(\square\) No & 10 & yes \\
\hline within allocated time & Yes No & 10 & \\
\hline 3. The resource person was
krowledgeable on topic & Yes No & & ye \\
\hline 4. The Add-on program
Facilitics were appropriate & Yes N & 0 & yes \\
\hline or satisfactory appropriate & & 0 & Ves E \\
\hline
\end{tabular}

\section*{Royal Education Society's}

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30-Days Add-On Program on "Java Programming"
Feedback Form
\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{4}{|c|}{Feedback Form} \\
\hline Scale & \(\mathrm{Y} / \mathrm{N}\) & Marks out of & \\
\hline 1.The Program was applicable for job & Yes No & 10 & Comment \\
\hline 2. The Program well-paced
Within allocated time & Yes \(\square\) No & 10 & \(\checkmark\) \\
\hline 3. The resource person was & Yes No \(\square\) & 10 & OK \\
\hline knowledgeable on topic & Yes \(\square\) No \(\square\) & & \\
\hline 4. The Add-on program & & 0 & yes \\
\hline Facilities were appropriate or satisfactory. & Yes No \(\square\) & 10 & yes \\
\hline
\end{tabular}

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\section*{Department of Computer Science}

30-Days Add-On Program on "Java Programming"
Feedback Form
\begin{tabular}{|c|c|c|c|}
\hline Scale & \(\mathrm{Y} / \mathrm{N}\) & Marks out of 10 & Comment \\
\hline 1. The Program was applicable for job & Yes No \(\square\) & 09 & yes \\
\hline 2. The Program well-paced within allocated time & Yes \(\square\) No \(\square\) & 08 & yes \\
\hline 3. The resource person was knowledgeable on topic & Yes \(\square\) No \(\square\) & 10 & yes \\
\hline 4. The Add-on program Facilities were appropriate or satisfactory. & Yes \(\square\) & 05 & yes \\
\hline
\end{tabular}
svyar Eutucation Society's
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Department of Computer Science
30-Days Add-On Program on "Java Programming"
Feedback Form


College of computer Science \& Information Technology, Latur
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30 -Days Add-On Program on "Web Technology"
Feedback Analysis Report
\(\left.\begin{array}{|c|c|c|c|}\hline \text { Sr. No. } & \text { Question } & \text { Yes } & \text { No } \\ \hline 1 & \text { The Program was applicable for job } & 25 & 05 \\ \hline 2 & \text { The Program well-paced within allocated time } & 24 & 06 \\ \hline 3 & \text { The resource person was knowledgeable on } \\ \text { topic }\end{array}\right)\)

Feedback Analysis Report
25
\(\begin{array}{ll}24 & \\ & \\ & 6\end{array}\)
5

Yes No

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Royal Education Society's
College of computer Science \(\&\) Information Technology, Latur
Department of Computer Science
30 -Days Add-On Program on "Web Technology"
Feedback Analysis Report
\begin{tabular}{|c|c|c|c|}
\hline Sr.No. & Question & Yes & No \\
\hline 1 & The Program was applicable for job & 25 & 05 \\
\hline 2 & The Program well-paced within allocated time & 24 & 06 \\
\hline 3 & \begin{tabular}{c} 
The resource person was knowledgeable on \\
topic
\end{tabular} & 24 & 06 \\
\hline 4 & \begin{tabular}{c} 
The Add-on program Facilites were \\
appropriate or satisfactory.
\end{tabular} & 26 & 04 \\
\hline
\end{tabular}

Feedback Analysis Report
\begin{tabular}{cccc}
25 & 24 & 26 \\
\hline 5 & 6 & 6 & 4
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\section*{Royal Educrtion Society's \\ College of Computer Science and Information Technology, \\ Latur}

Department of Computer Science
30-Days Add-On Program on "Java Programming"
Question Paper
Date -
Time - 11:00AM TO 11:45AM
Marks - 50
N.B. - Each question have 2 marks.
1. Java is developed by
a. a)Dennise Rittchie
b) Bjarne Stroutstrup
c) James Gosling
d) None of the above
2. What is the range of short data type in Java?
a) -128 to 127
b) -32768 to 32767 c )
-2147483648 to 2147483647
d) None of the mentioned
3. Which of the following is not OOPS concept in Java?
a) Inheritance
b) Encapsulation
c) Polymorphism
d) Compilation
4. Which component is used to compile, debug and execute java program?
a) JVM
b) JDK
c) JIT
d) JRE
5. Which statement is true about java?
a) Platform independent programming language
b) Platform dependent programming language
c) Code dependent programming language
d) Sequence dependent programming language
6. What is the extension of java bytecode files?
a) class
b) java
C).\(t x t\)
d) is
7. Which of the following is a valid declaration of an object of class Box?
a) \(\operatorname{Box}\) obj \(=\) new \(\operatorname{Box}()\);
b) Box obj= new Box.
c) \(\mathrm{obj}=\) new \(\operatorname{Box}()\);
d) new Box obj;

8. java arrays are
a)objects
b)object references
9. Which one of the following is valid statement
a)char[] \(c=\) new char();
b) charl] \(c=\) new char [5];
c)char[] \(\mathrm{c}=\) new char(4);
d) char\|c = new char\|];
10. Given the following piece of code
```

public class School
{
public abstract double NumberOfStudent();
}
}

```
which of the following statement is true
a) The keywords public and abstract cannot be used together.
b) The method numberOfStudent() in class School must have a body.
c) You must add a return statement in method numberOfStudent().
d) Class School must be defined abstract
11. The class at the top of exception class hierarchy is ........
a) ArithmeticException
b) Throwable
c) Object
d) Exception
12. In which of the following package the class Exception exists
a) java.util
b) java.file
c) java.io
d) java lang
13. Exception generated in try block is caught in . . . . . block.
a) catch
b)throw
c) throws
d) finally

a) When a class is made final, a sublcass of it can not be created.
b) When a method is final, it can not be overridden
c) When a variable is final, it can be assigned value only once
d) All of the above
15. Output of follwoing Java program

\section*{class Main :}
public static void main(String args[])
final int i ;
\(\mathrm{i}=20\);
System.out.println(i);
;
,
(A) 20
(B) Compiler Error
(C) 0
(D) Garbage value
16. Which of the following is/are advantages of packages?

A Packages avoid name clashes
B Classes, even though they are visible outside their package, can have fields visible to packages onlv
C We can have hidden classes that are used by the packages, but not visible outside.
D All of the above
17. To prevent any method from overriding, we declare the method as,
(a) static
(b) const
(c) final
(d) abstract
(e) none of the above.
18. The fields in an interface are implicitly specified as,
(a) static only
(b) protected
(c) private
(d) both static and final
(e) none of the above.
19. Which of the following is not true?
a) An interface can extend another interface.
(b) A class which is implementing an interface must implement all the methods of the interface.
(c) An interface can implement another interface
(d) An interface is a solution for multiple inheritance in java.
(e) None of the above.

20. What is the output of the following program:
```

public class testmeth
!
static int $\mathrm{i}=1$;
public static void main(String args[])
!
System.out.println(i+" ." $)$ :
m(i);
System.out.println(i);
;
public void m (int i )
!
$i+=2 ;$
$\frac{7}{1}$

```
(a) 1,3
(b) 3,1
(c) 1,1
(d) 1,0
(e) none of the above.
21. Which of the following is true?
a) A finally block is executed before the catch block but after the try block.
(b) A finally block is executed, only after the catch block is executed.
(c) A finally block is executed whether an exception is thrown or not.
(d) A finally block is executed, only if an exception occurs.
(e) None of the above.
22. The java run time system automatically calls this method while garbage collection.
(a) finalizer()
(b) finalize()
(c) finally()
(d) finalized()
(e) none of the above.
23. An overloaded method consists of.
a) The same method name with different types of parameters
(b) The same method name with different number of parameters
(c) The same method name and same number and type of parameters with different return type
(d) Both (a) and (b) above
(e) (a), (b) and (c) above.
24. When an overridden method is called from within a subclass, it will always refer to the version of that method defined by the
(a) Super class
(b) Subclass
(c) Compiler will choose randomly
(d) Interpreter will choose randomly
25. Which of the following contains both date and time?
a) java.io.date
b) java.sql.date
c) java.util. date
d) java.util.dateTime


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Department of Computer Science
30-Days Add-On Program on "Java Programming "

\section*{Mark List}
\begin{tabular}{|c|c|c|}
\hline Sr. No. & Name of the Student & Marks(50) \\
\hline 1 & KATPURE PRADNYA BALAJ & 32 \\
\hline 2 & TALE MEGHA RAMDAS & 26 \\
\hline 3 & SHINDE SNEHA RAVINDRA & 30 \\
\hline 4 & SATPUTE PAVAN VINODRAO & 42 \\
\hline 5 & SATALKAR KETAN KISHOR & 30 \\
\hline 6 & KHODWE SATYAM MILIND & 30 \\
\hline 8 & RODGE SNEHA SANJU & 22 \\
\hline 8 & BARURE SAYALI SUDHIR & 32 \\
\hline 10 & JADHAV VAISHNAVI VILAS & 34 \\
\hline 10 & THORAT NIKHIL DAJI & 32 \\
\hline 12 & SATHE AKASH SHIVAJ & 28 \\
\hline 12 & JADHAV RAM ARUN & 34 \\
\hline 14 & SURVASE DIPAK GANGADHAR & 32 \\
\hline 15 & GUNGUNE SHILPA CHANDRAKANT & 38 \\
\hline 15 & NANGARE SHRIKANT MOHANRAO & 34 \\
\hline 16 & PATIL SUJIT SHEKHAR & 32 \\
\hline 18 & SHAIKH CHAND GULABSAB & 36 \\
\hline 18 & PANDGE PRASHANT UDHAV & 30 \\
\hline 19 & MAKANE MANGESH ANGADRAO & 28 \\
\hline 20 & YERTE AKASH SHARNAPPA & 30 \\
\hline 21 & SAKHARE DEEPALI HANSRAJ & 32 \\
\hline 22 & KABRA PAYAL BALAPRASAD & 32 \\
\hline 23 & PATEL ANAM NISAR & 34 \\
\hline 24 & DHUMAL RAJNIGANDHA BALAJI & 38 \\
\hline 25 & JADHAV ROHAN SATISH & 30 \\
\hline 26 & DHURVE SATISH BABURAO & 32 \\
\hline 27 & BARASKAR RAKESH PRAKASH & 28 \\
\hline 28 & GURAV NIKHIL KALIDAS & 34 \\
\hline 39 & KULKARNI SWATI SHAMRAO & 36 \\
\hline 30 & MAGAR CHAITALI ANANTRAO & 38 \\
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\end{tabular}```


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