Date: 7/12/2018

To,
The Principal
Karnatak Arts, Science and Commerce College, Bidar

Sub: Request to grant permission to Continue add-on course on Java
Programming for the academic year 2018-19.
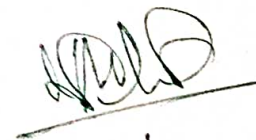
Respected Sir,

As per the guidelines issued by IQAC, we would like to continue the add-on
course on "Java Programming" for the academic year 2018-19. With intake of
20 students. Please permit us to continue the add-on course and do the needful.

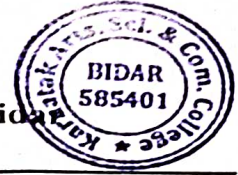Thanking You.

Head      2/12/25
Department of Computer Science

SRIKANTh DODDAMANI
Head & Associate Professor
Department of Computer Science
Karnatak Arts, Science and
Commerce College, BIDAR

PRINCIPAL
Karnatak Arts, Sci. & Com. College
BIDAR-585401

**KRE Society's**
**Karnatak Arts, Science and Commerce College, Bidar**
**Department of Computer Science**

## Meeting Minutes for Institutional Board of Studies for Add-on Course on Java Programming held on 12/12/2018

The institutional Board of Studies of the Department of Computer Science for the add-on course on Java Programming held on 12/12/2018 in Department of Computer Science at 1:00pm.

| Sl No. | Name | Institute | Designation |
|--------|------|-----------|-------------|
| 1 | Sri.Shrikant. D | Head Department of Computer Science, KASCC, Bidar. | Course coordinator |
| 2 | Prabha E | Assistant Professor, Department of Computer Science , KASCC, Bidar. | Member |
| 3 | Shivaleela P | Assistant Professor, Department of Computer Science, KASCC, Bidar. | Member |
| 4 | Dr. Patil Pandit | Assistant Professor, Department of Computer Science, Govt. Degree College, Noubad,Bidar. | External Expert |

In the beginning of the meeting the Chair Person of the BOS Sri. Shrikant Doddamani welcomed all members and briefed them about the academic activities of the Department of Computer Science . The members expressed their highly appreciation and satisfaction about the courses and activities of the department.

After that institutional BOS discussed and resolved the following items

**Item 1. Starting of the add-on course on Java Programming.**

The BOS discussed the item and resolved to start the add-on course on java Programming.

**Item 2. Approval of the Syllabus for add-on course.**

The BOS discussed and approved the syllabus for the add-on course on java Programming.

**Item 3. Approval of admission criteria**

The BOS discussed and approve the criteria for admission and resolved that any students enrolled in UG course in KASCC can enrol in this course. In addition to this BOS also finalized the exam pattern.

- Meeting of the BOS was concluded with the vote of thanks by Smt.

Prabha E , Assistant Professor in Department of Computer Science.

The following members were present in the meeting:

- Sri. Shrikant Doddamani

SRIKANTH DODDAMANI
Head & Associate Professor
Department of Computer Science
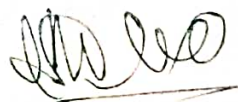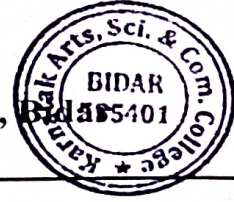Karnatak Arts, Science and
Commerce College, BIDAR

- Dr. Patil Pandit

- Smt. Prabha E

- Smt. Shivaleela P.

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## Add-on Course on Java programming

**Preamble: Java** programs are simple in syntax with extensive library support which helps the programmers to come up with required logic with simple lines of code. It is popular & widely used to create complete applications that may run on a single computer or be distributed among servers and clients in a network.

**Objectives:**
- The course is designed to provide advanced knowledge about the Java
- To be able to develop GUI applications.
- To learn JDBC .

**Instructional Design:**

This course is of 60-hour duration which includes theory classes and practicals.

**Course Structure and Examination Scheme:**

**Total contact hours:**

| | |
|---|---|
| Theory Classes: | 30 Hours |
| Practical: | 30 Hours |
| | 60 Hours |

**Mode of Examination:**
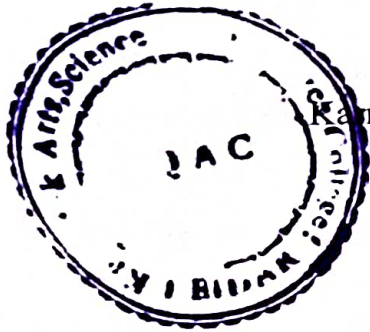
MCQ Exam:                                                    100 Marks
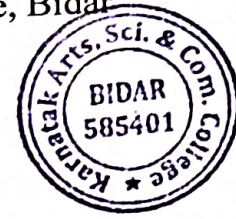
**Eligibility:** Students enrolled in UG.

**No. of Seats:  20**

SRIKANTH DODDAMANI
Head & Associate Professor
Department of Computer Science
Karnatak. Arts, Science and
Commerce College. BIDAR

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Karnatak  Arts, Sci. & Com. College
BIDAR-585401

Syllabus for Certificate Course
# Java Programming

**Unit 1**: Basics of JAVA, using the tools in JDK, JAVA language- keywords, constant, variable and data types. Operators and expressions, decision making, branching and looping, labeled loop statement, jump statement: break, continue, and return, Arrays and strings, overloading method.

**Unit 2**: Classes, objects and methods defining a class, adding variable and methods, creating objects constructors, class inheritance, overriding methods, using super, multi-level hierarchy.Abstract and final classes, object class. Packages and interface, access protection, extending interfaces, package.Java applets: windows, graphics and multimedia with java, uses of java applets in web page creation.

**Unit 3**: Multithreading fundamentals, java thread model: priorities, synchronization, messaging, thread class, runnable interface, and interthread communication, suspending, resuming and stopping threads. String handling: the string constructor, string length, special string operator character extraction, string comparison, searching string, modifying string, data conversion, changing the case of character, string buffer. Exception handling, Fundamental exception types, uncaught exceptions, throws, throw, try catch, final, and built in exception, creating your own exceptions.

**Unit 4:**Input/output –basics, streams, byte and character streams, predefining streams reading and writing from console and file. Using standard java packages (lang,util,io).

AWT Classes, event handling and swing classes, AWT Programming, working with windows, graphics and text, using AWT controls, Layout managers and menus, handling images, animation, sound and video. Event handling- different mechanism, the delegation event model, event classes, event listener interfaces, Adapter and inner classes. Java swing – japplet, Icons and labels, text fields, Buttons, combo boxes, tabbed and scroll panes, trees, tables.Personalities-Cloning-Signals

**Unit 5:** Networking: Networking basics, java and the internet address, networking classes and interfaces, TCP/IP client sockets, URL, URL connection, TCP/IP server sockets

JDBC – setting the JDBC connectivity with a backed database. RMI – Two tier and multitier Architecture, object serialization, RMI fundamental, programming using java RMI classes and interfaces. Servlets-Background, life cycle, java servlet development kit, servlet API, handling HTTP requests and responding, using cookies, session tracking and security issue
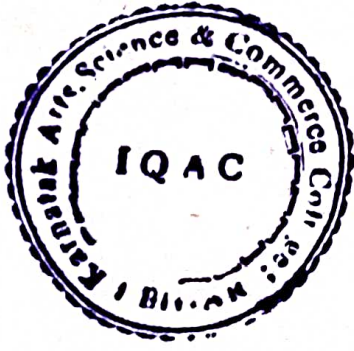
**KRE Society's**
**Karnatak Arts, Science and Commerce College, Bidar**
**Department of Computer Science**
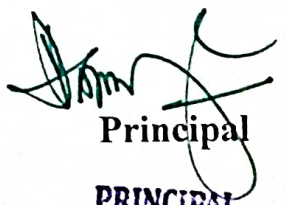
Date:19/12/2018

## NOTICE

All the students are hereby informed that, the Department of Computer Science is starting the add-on course on **Java Programming** from the **04/01/2019 to 04/04/2019** interested students can enrol their names on or before 30/12/2018 in the Department of Computer Science.

**HOD**

SRIKANTH DODDAMANI
Head
Dep. ssor
Ka cience
Comm. and
BIDAR

**Principal**

PRINCIPAL
Karnatak Arts, Sci. & Com. College
BIDAR-585401

## ADMISSION FORM

**Certificate/Value added/Skill Development/Diploma/Advance Diploma Courses**
**&**
**IAS/IPS/NET/SET Coaching Classes**

Name of the Department _Computer Science_ Year _2018 - 19_

Name of the Student _Bhagyashree_

Father's/Guardian's Name _Manikrao Patil_

Date of Birth

| Date | Month | Year |
|------|-------|------|
| 2 1 | 0 2 | 2 0 0 0 |

Address for Correspondence :

_Bhagyashree D/o Manikrao Patil_
_At: Bapur_
_Ta. Dist. Bidar_

Semester/Class : _IV Sem_

Register No : _1840748_

Percentage of previous semester : _79%_

Contact No :

E-Mail ID : _Bhagyashree123@gmail.com_

Course to be Joined: _Java Programming_

_Bhagyashree_
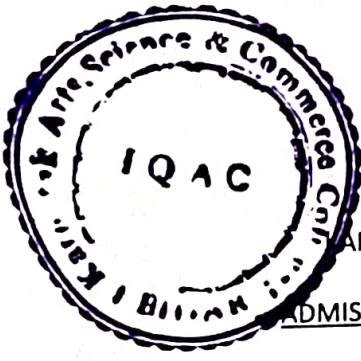Signature of the Student

HOD/Coordinator

Principal

SRIKANTH DODDAMANI
Head & Associate Professor
Department of Computer Science
Karnatak. Arts, Science and
Commerce College, BIDAR

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Karnatak Arts, Sci. & Com. College
BIDAR-585401

**COURSE NAME: JAVA PROGRAMMING**

| SL.NO | REG.NO | NAME OF THE STUDENT | |
|-------|--------|---------------------|---|
| 1 | 1840735 | Shivputra | Shivputra |
| 2 | 1840737 | Mahipal Reddy | Mahipal Reddy |
| 3 | 1840740 | Maxhtwari | Mahshu |
| 4 | 1840747 | Madhu | Madhu |
| 5 | 1840748 | Bhagyashree | Bhagshree |
| 6 | 1840749 | Vijay laxmi | Vijay laxmi |
| 7 | 1840752 | Sidha rudh | Sidhud |
| 8 | 1840753 | Sachin | Sachin |
| 9 | 1840754 | Ratnakala | Ratnakala |
| 10 | 1840764 | Nousheen | Nasheen |
| 11 | 1840774 | Parvathi kale | Parvathi kale |
| 12 | 1840887 | Bhuvaneshwari | Bhuvaneshwari |
| 13 | 1840792 | Kavya Shree | Kavyeshree |
| 14 | 1840797 | Dashrath | Dashrath |
| 15 | 1840819 | Sana | Sany |
| 16 | 1840830 | Sachin | Sachin |
| 17 | 1840834 | Anjali | Anjali |
| 18 | 1840835 | Deepika | Deepika |
| 19 | 1840816 | Evelin Geetha | Evelin Geetha |
| 20 | 1840804 | Rohan | Rohan |

HOD

SRIKANTH GODDAMANI
Head
Dep...
...
...DAR

PRINCIPAL

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Karnatak Arts, Sci. & Com. College
BIDAR-585401

## Notice
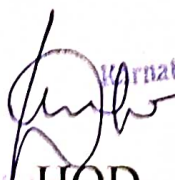
All the students those who are select for certificate course "Java programming " are hereby informed to attend classes regularly from 4/1/2019. As per the time table displayed on the notice board.

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BIDAR-585401

HOD

Department
Karnatak Arts, Science and
Commerce College, BIDAR
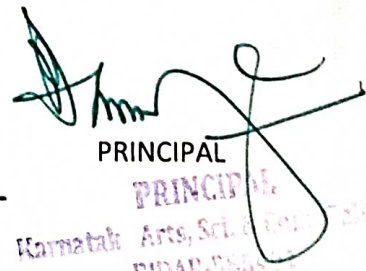
KRE SOCIETY
KARNATAK ARTS, SCIENCE AND COMMERCE COLLEGE , BIDAR
DEPARTMENT OF COMPUTER SCIENCE
TIME TABLE FOR CERTIFICATE COURSE
JAVA PROGRAMMING
(From 04-01-2019 to 04-04-2019)

| DAY/TIME | 03:00 Pm to 05:00 pm |
|----------|----------------------|
| MON      | —                    |
| TUE      | —                    |
| WED      | SP / PE              |
| THU      | SP / PE              |
| FRI      | —                    |
| SAT      | —                    |

HOD

SRI⋯⋯⋯⋯DDAMANI
Hea⋯⋯⋯⋯
Depa⋯⋯⋯⋯fessor
⋯matik⋯⋯⋯cience
⋯merce College, BIDAR

PRINCIPAL
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Karnatak Arts, Sci⋯⋯⋯⋯
BIDAR⋯⋯⋯
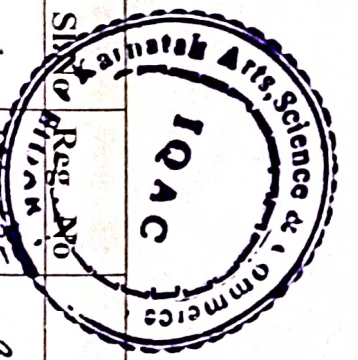
K.R.E. Society's
## Karnatak Arts, Science and Commerce College, Bidar
### Department of Computer Science

Certificate Course Attendance List for the Month of _____ Jan & Feb

| Sl.No | Reg. No | Name | 04/01/19 | 09/01/19 | 10/01/19 | 16/01/19 | 17/01/19 | 23/01/19 | 24/01/19 | 30/01/19 | 31/01/19 | 06/02/19 | 07/02/19 | 13/02/19 | 14/02/19 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1840735 | Shivputra | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 2 | 1840737 | Mahipal Reddy | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 3 | 1840740 | Neesh Maheswari | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 4 | 1840748 | Bhagyashree | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | |
| 5 | 1840748 | Vijaya laxmi | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 6 | 1840752 | Siddharudh | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 7 | 1840753 | Sachin | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 8 | 1840757 | Madhu | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 9 | 1840754 | Ratnabala | | 1 | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 10 | 1840764 | Nausheen | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | | Signature of lecturer with date | | | | | | | | | | | | | | | |

SRIKANTH DODDAMANI
Head & Associate Professor
Department of Computer Science
Karnatak. Arts, Science and
Commerce College, BiDAR

PRINCIPAL
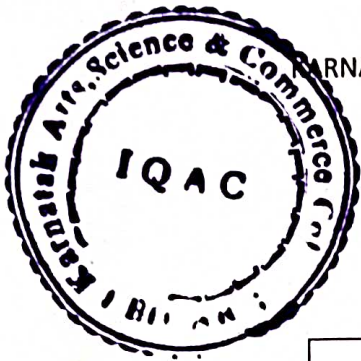Karnatak Arts, Sci. & Com. College
BIDAR-585401

K.N.E. Society's

## Karnatak Arts, Science and Commerce College, Bidar
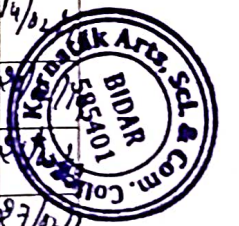### Department of Computer Science

Certificate Course Attendance List for the Month of _Jan & Feb_

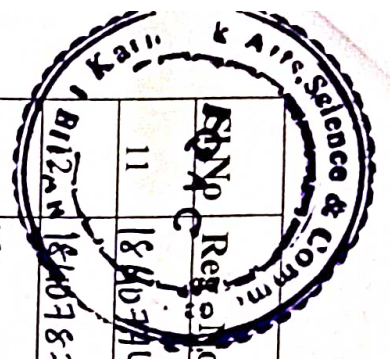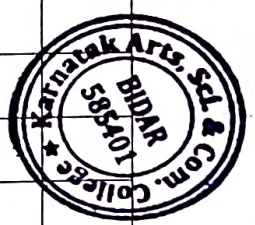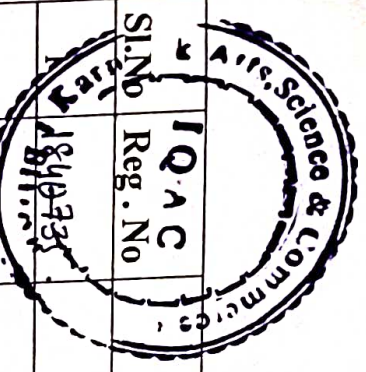| Sr.No | Reg.No | Name | 04/01/19 | 09/01/19 | 10/01/19 | 16/01/19 | 17/01/19 | 23/01/19 | 24/01/19 | 30/01/19 | 31/01/19 | 06/02/19 | 07/02/19 | 13/02/19 | 14/02/19 | 20/02/19 | 21/02/19 | 27/02/19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 1840784 | Parvathi kale | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 12 | 1840787 | Bhuvaneshwari | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 13 | 1840792 | Kavyashree | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 14 | 1840797 | Dashrath | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 15 | 1840804 | Rohan | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 1840816 | Evelin Geetha | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 1840819 | Sona | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 18 | 1840830 | Sachin | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 19 | 1840834 | Anjali | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 20 | 1840835 | Deepika | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

Signature of lecturer with date

SRIKANTH DODDAMANI
Head & Associate Professor
Department of Computer Science
Karnatak, Arts, Science and
Commerce College, BIDAR

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Karnatak Arts, Sci. & Com. College
BIDAR-585401

K.R.E. Society's
## Karnatak Arts, Science and Commerce College, Bidar
### Department of Computer Science

Certificate Course Attendance List for the Month of _____

| Sl.No | Reg. No | Name | 28/02/19 | 6/03/19 | 07/03/19 | 13/03/19 | 14/03/19 | 20/03/19 | 21/03/19 | 27/03/19 | 28/03/19 | 03/04/19 | 04/04/19 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1840735 | Shivputra | 16 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | | | |
| 2 | 1840737 | Mahipal Reddy | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | | | |
| 3 | 1840740 | Maheshwari | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | | | |
| 4 | 1840747 | Madhu | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | | | |
| 5 | 1840748 | Bhagyashree | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | | | | |
| 6 | 1840749 | Vijayalaxmi | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | |
| 7 | 1840752 | Siddharudh | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | | | |
| 8 | 1840753 | Sachin | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | |
| 9 | 1840754 | Ratnakala | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | | | |
| 10 | 1840764 | Nousheen | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | | |

Signature of lecturer with date

SRIKANTH R. BIRADAR
Head & Associate Professor
Department of Computer Science
Karnatak Arts, Science and
Commerce College, BIDAR

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Karnatak Arts, Science and Commerce College, Bidar
Department of Computer Science
Certificate Course Attendance List for the Month of _____ March / April
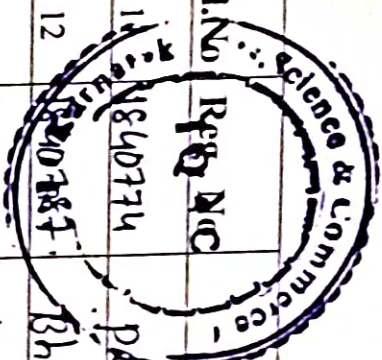
| Sl.No | Reg No | Name | 26/02/19 | 6/03/19 | 07/03/19 | 8/03/19 | 24/03/19 | 20/03/19 | 21/03/19 | 27/03/19 | 08/03/19 | 03/04/19 | 04/04/19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 1840774 | Parvathi kale | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 12 | 1840787 | Bhuvaneshwari | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 13 | 1840792 | Kavyashree | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 14 | 1840793 | Dashrath | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 15 | 1840804 | Rohan | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 16 | 1840816 | Evelin Geetha | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 17 | 1840819 | Sana | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 18 | 1840830 | Sachin | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 19 | 1840834 | Anjali | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 20 | 1840835 | Deepika | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |

Signature of lecturer with date

SRIKANTH DODDAMANI
Head & Assistant Professor
Department of Computer Science
Karnatak Arts, Science and
Commerce College, BIDAR

PRINCIPAL
Karnatak Arts, Sci. & Com. College
BIDAR-585401

Notice

"Java programming" certificate course students are hereby informed to attend the exam on 18/04/2019.

HOD

DODDAMANI

Assistant Professor

Department of Computer Science

Karnatak Arts, Science and

Commerce College, BIDAR

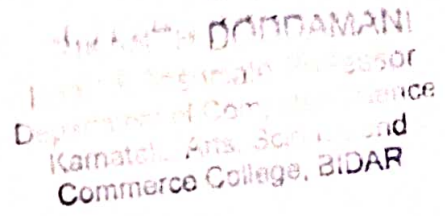PRINCIPAL

Karnatak Arts, Sci. & Com. College

BIDAR-585401

**Note:**

I. All questions are compulsory.
II. Answer the questions after carefully reading the text.
III. 50 Questions of 2 mark each.

1. Which of the following mechanisms is/are provided by Object Oriented Language to implement Object Oriented Model?
   A. Encapsulation    B. Inheritance    C. Polymorphism    (D.) All of the mentioned

2. Which of the following is a mechanism by which object acquires the properties of another object?
   A. Encapsulation    B. Abstraction    (C.) Inheritance    D. Polymorphism

3. Which of this method of class String is used to obtain length of String object?
   A. get()    B. Sizeof()    C. lengthof()    (D.) length()

4. Which of these selection statements test only for equality?
   A. If    B. switch    C. if & switch    (D.) none of the mentioned

5. Which of this method of class String is used to compare two String objects for their equality?
   A. equals()    B. Equals()    C. isequal()    (D.) Isequal()

6. Which of the following loops will execute the body of loop even when condition controlling the loop is initially false?
   A. do-while    B. while    (C.) for    D. None of the mentioned

7. Every pass through a loop is termed a/an _____ ?
   A. Pass through    (B.) Encapsulation    C. Iteration    D. Elimination

8. Which is the valid declarations within an interface definition?

   A. public double methoda();

   B. public final double methoda();

   (C.) static void methoda(double d1);

   D. protected void methoda(double d1);

9. What will be the return type of a method that not returns any value?
   (A.) Void    (B.) Int    C. Double    D. None of the above

10. What is the range of data type short in Java?
   A. -128 to 127    (B.) -32768 to 32767    C. -2147483648 to 2147483647    D. None of the mentioned

11. Which of these keywords must be used to handle the exception thrown by try block in some rational manner?
   A. try    (B.) finally    C. throw    D. catch

12. Which of these handles the exception when no catch is used?
   (A.) Default handler    B. finally    C. throw handler    D. Java run time system

Which is a valid keyword in java?

A. Interface        B.String        C.Float        D.Unsigned

14. Which of this class is used to read from byte array?
    A. InputStream.     B. BufferedInputStream.     C. ArrayInputStream.   D. ByteArrayInputStream

15. System class is defined in.................
    A. Java.uti package    B. Java.lang package     C. Java.io package    D. Java.awt package

16. When does Exceptions in Java arises in code sequence?
    A. Run Time   B. Compilation Time    C. Can Occur Any Time   D. None of the mentioned

17. Which of these keyword must be used to inherit a class?
    A. super      B. this      C. extent      D. extends

18. What will s2 contain after following lines of code?
    String s1 = "one";
    String s2 = s1.concat("two")
    A. one   B. two   C. onetwo   D. twoone

19. An expression involving byte, int, and literal numbers is promoted to which of these?
    A. int     B. long     C. byte     D. float

20. Which of the following can be operands of arithmetic operators?
    A. Numeric    B. Boolean    C. Characters     D. Both Boolean & Characters

21. The number of pixels stored in the frame buffer of a graphics system is known as
    A. Resolution      B. Depth     C. Resalution      D. None of the above

22. Which one of the following will declare an array and initialize it with five numbers?

A.   Array a = new Array(5);

B.   int [] a = {23,22,21,20,19};

C.   int a [] = new int[5];

D.   int [5] array;

23. Which of the following are incorrect form of StringBuffer class constructor?

    A. StringBuffer()        B. StringBuffer(int size)

    C. StringBuffer(String str)    D. StringBuffer(int size , String str)

24. Modulus operator, %, can be applied to which of these?
    A. Integers                 B. Floating – point numbers
    C. Both Integers and floating – point numbers.     D. None of the mentioned

25. The Java compiler
    A. Create executable            B. Translates java source code to byte code
    C. Creates classes               D. Produces java Interpreter

26. What is the range of data type byte in Java?
    A. -128 to 127   B. -32768 to 32767    C. -2147483648 to 2147483647    D. None of the mentioned

27. Which data type value is returned by all transcendental math functions?
    A. int         B. float        C. double        D. long

28. Which one is a valid declaration of Boolean?
    A. Boolean b1 = 1; B. Boolean b2 = 'false'; C. Boolean b3 = false; D. Boolean b4 = 'true'

Which of these is necessary to specify at time of array initialization?

A. Row    B. Column    C. Both Row and Column    D. None of the mentioned

30. What is truncation in java?

A. Floating-point value assigned to an integer type    B. Integer value assigned to floating type

C. Floating-point value assigned to an Floating type    D. Integer value assigned to floating type

31. Expression involving byte, int and literal numbers is promoted to which of these?

A. Int          B. Long          C. Byte          D. Float

32. What is the numerical range of a char data type in java?

A. -128 to 127          B. 0 to 256          C. 0 to 32767          D. 0 to 65535

33. Which of these coding types is used for data type characters in java?

A. ASCII          B. ISO-LATIN-1          C. UNICODE          D. None of the mentioned

34. Which of these values can a Boolean variable contain?

A. True & false          B. 0 and 1          C. Any integer value          D. True

35. How many bits are in a single IP address?

A. 8          b. 16          C. 32          D. 64

36. Using which keyword we can access value of the instance variables and class variables of that class tide the   method of that class itself.

A. Super          B. final          C. this          D. either super or this

37. In fixed repetition what does fixed indicate?

A. The number of statements    B. The number of iterations    C. The value of "l"    D. None of the above

38. If the number of records to be sorted is small, then ...... sorting can be efficient.

A. Merge          B. Heap          C. Selection          D. Bubble

39. Which of these constructors is used to create an empty String object?

A. String()          B. String(void)          C. String(0)          D. None of the mentioned

40. What is the output of this program?

```
class increment {
public static void main(String args[])
{
double var1 = 1 + 5;
double var2 = var1 / 4;
int var3 = 1 + 5;
int var4 = var3 / 4;
System.out.print(var2 + " " + var4);
}
}
```

A. 1 1          B. 0 1          C. 1.5 1          D. 1.5 1.0

41. What is the name of the method used to start a thread execution?

A. init();          B. start();          C. run();          D. resume();

42. Partition and exchange sort is........

A. Quick sort    B. Tree sort    C. Heap sort    D. Bubble sort

What is the output of this program?

```
class A {
public int i;
private int j;
}

class B extends A {
void display() {
super.j = super.i + 1;
System.out.println(super.i + " " + super.j);
}
}
class inheritance {
public static void main(String args[])
{
B obj = new B();
obj.i=1;
obj.j=2;
obj.display();
}
}
```

A. 2 2    B. 3 3    C. Runtime Error    D. Compilation Error

44. With x = 0, which of the following are legal lines of Java code for changing the value of x to 1?

1. x++;

2. x = x + 1;

3. x += 1;

4. x =+ 1;

A. 1, 2 & 3    B. 1 & 4    C. 1, 2, 3 & 4    D. 3 & 2

45. Which of the following concept is often expressed by the phrase, 'One interface, and multiple methods'?

A. Abstraction    B. Polymorphism    C. Inheritance    D. Encapsulation

46. Which of the following operators can operate on a boolean variable?

1. &&

2. ==

3. ?:

4. +=

A. 3 & 2    B. 1 & 4    C. 1, 2 & 4    D. 1, 2 & 3

47. Which of these is used to perform all input & output operations in Java?

A. streams    B. Variables   C. classes    D. Methods

48. Which of these is returned by greater than, <, and equal to, ==, operator?

A. Integers    B. Floating - point numbers    C. Boolean    D. None of the mentioned

49. Which of these method is a rounding function of Math class?

A. max()    B. min()    C. abs()    D. All of the mentioned

50. OOP features are

i) Increasing productivity

ii) Reusability

iii) Decreasing maintenance cost
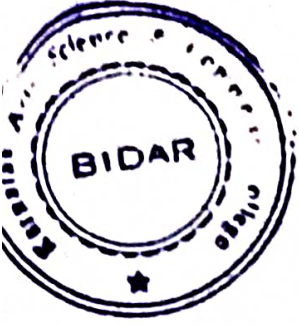
iv) High vulnerability

A. 1,2 & 4    B. 1,2 & 3    C. 1, 2 & 4    D. none of the above

| Sl.No | Reg.No. | Name | Sign |
|-------|---------|------|------|
| 1 | 1840735 | Shivputra | |
| 2 | 1840737 | Mahipalreddy | |
| 3 | 1840740 | Maheshwari | |
| 4 | 1840747 | Madhu | |
| 5 | 1840748 | Bhagyashree | |
| 6 | 1840749 | Vijaylaxmi | |
| 7 | 1840752 | Siddhrudh | |
| 8 | 1840753 | Sachin | |
| 9 | 1840754 | Ratnakala | |
| 10 | 1840764 | Noushin | |
| 11 | 1840774 | Parvati Kale | |
| 12 | 1840787 | Bhuvaneshwari | |
| 13 | 1840792 | Kavyashree | |
| 14 | 1840797 | Dasharath | |
| 15 | 1840819 | Sana | |
| 16 | 1840830 | Sachin | |
| 17 | 1840834 | Anjali | |
| 18 | 1840835 | Deepika | |
| 19 | 1840816 | Evelin Geeta | |
| 20 | 1840804 | Rohan | |

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|-------|--------|---------------------|----------------|
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| 2 | 1840737 | Mahipal Reddy | 80 |
| 3 | 1840740 | Maheshwari | 86 |
| 4 | 1840747 | Madhu | 92 |
| 5 | 1840748 | Bhagyashree | 88 |
| 6 | 1840749 | Vijay laxmi | 82 |
| 7 | 1840752 | Siddharudh | 92 |
| 8 | 1840753 | Sachin | 80 |
| 9 | 1840754 | Ratnakala | 78 |
| 10 | 1840764 | Nousheen | 84 |
| 11 | 1840774 | Parvathi Kale | 72 |
| 12 | 1840787 | Bhuvaneshwari | 92 |
| 13 | 1840792 | Kavyashree ~~Dashrath~~ | 96 |
| 14 | 1840797 | Dashrath | 88 |
| 15 | 1840804 | Rohan | 84 |
| 16 | 1840816 | Evclin Geetha | 78 |
| 17 | 1840819 | Sana | 80 |
| 18 | 1840830 | Sachin | 76 |
| 19 | 1840834 | Anjali | 74 |
| 20 | 1840835 | Deepika | 68 |

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K.R.E. SOCIETY'S

# KARNATAK ARTS SCIENCE AND COMMERCE COLLEGE, BIDAR

(ESTD 1970, AFFILIATED TO GULBARGA UNIVERSITY, KALABURAGI)

COLLEGE WITH POTENTIAL FOR EXCELLENCE STATUS AWARDED BY UGC, NEW DELHI

NAAC RE ACCREDITED AT "A" GRADE (3.24 CGPA)

## CERTIFICATE

THIS CERTIFICATE IS PRESENTED TO _Shivputra_ FOR COMPLETION OF CERTIFICATE COURSE ON "JAVA PROGRAMMING "ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE, FROM _4th Jan 2019_ TO _4th April 2019_.

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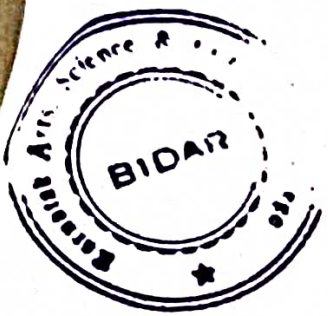
### Report on Add-on course Java Programming (2018-19)

Add-on course on "**Java Programming**" was successfully completed by 20 students out of 20 students. All the students got the basic knowledge about oop's concepts and java programming. They became familiar with the basic concepts used in Java. They learned to develop applets, they became well familiar with the JDBC. They are able to develop GUI applications.

After Completion of this add-on course He/She is able to become a Java programmer. This course is helpful to design games and web applications. It is very helpful for them in their placement.

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