## 2.2.1

**The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners.**

| Sr. No. | Particular |
|---|---|
| 1. | List of Slow Learner |
| 2. | List of Advanced Learner |
| 3. | Notice |
| 4. | Attendance of Beneficiaries |
| 5. | Question paper |
| 6. | Exam Mark sheet |

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon, Dist. Kolhapur, Maharashtra

# List of Slow and Advance Learners

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

## Slow Learner ( Year: 2023-24)

### BCA-I

| Sr.No. | Name of the student |
|--------|---------------------|
| 1. | Avaghade Swamini Manik |
| 2. | Bhate Vishal Kundlik |
| 3. | Chalke Saurabh Laxman |
| 4. | Dabade Mahima Sagar |
| 5. | Kamble Sahil Uday |
| 6. | Kothawale Sahil Dipak |

### BCA-II

| Sr.No. | Name of the student |
|--------|---------------------|
| 1. | Aoutade Mayuresh Mahadev |
| 2. | Autade Swapnil Sanjay |
| 3. | Jadhav Sanidhya Bhagatsingh |
| 4. | Kamble Kedar Vishnu |
| 5. | Kumbhar Nikhil Ramesh |
| 6. | Pawar Pawan Sunil |
| 7. | Powar Rohit Tukaram |

### BCA-III

| Sr.No. | Name of the student |
|--------|---------------------|
| 1. | Gaikwad Ruturaj Ananda |
| 2. | Gaikwad Sanket Uttam |
| 3. | Kamble Diksha Dilip |
| 4. | Mane Akanksha Sunil |
| 5. | Sid Ankush Shrinivas |
| 6. | Sid Digambar Shahaji |

Head
Department of BCA
Dr. Babasaheb Ambedkar College.
Peth Vadgaon-416 112.

Principal,
Babasaheb Ambedkar Mahavidyalaya
Peth. Vadgaon Dist Kolhapur Maharashtra

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

## Advance Learner ( Year: 2023-24)

### BCA I

| Sr.No. | Name of the student |
|--------|--------------------|
| 1. | Chavan Akshata Baburao |
| 2. | Danane Saniya Shivaji |
| 3. | Karade Ashwajeet Shailesh |
| 4. | Patil Sakshi Sukumar |
| 5. | Sangar Anshika Kiran |
| 6. | Shete Jyoti Namdev |

### BCA II

| Sr.No. | Name of the student |
|--------|--------------------|
| 1. | Apugade Asmita Arun |
| 2. | Apugade Sanket Mahavir |
| 3. | Apugade Pratik Jaysing |
| 4. | Apugade Samruddhi Sanjay |
| 5. | Kumbhar Radhika Suryakant |
| 6. | Kumbhar Suraj Subhash |

### BCA III

| Sr.No. | Name of the student |
|--------|--------------------|
| 1. | Bhise Priyanka Bhimrao |
| 2. | Jadhav Aniruddha Pravin |
| 3. | Kumbhar Suyog Sanjay |
| 4. | Mithari Someshwar Rajesh |
| 5. | Salunkhe Priyanka Baburao |

Head
Department of BCA
Dr. Babasaheb Ambedkar College,
Peth Vadgaon-416 112.

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon,Dist.Kolhapur,Maharashtra

# Notice

# Notice

**Subject :** Special Lecture on "Object Oriented Programming Using C++".

**Class :** BCA - I

All the **Advance Learners** in BCA I are hereby informed that a special lecture on "Object Oriented Programming Using C++" is organized on 10/10/023 to 14/10/023 at 12 pm. All the **Advance** Learners must attend the lecture.

Principal

**Name of the Lecturer**

( Miss S.J.Garade )

# Notice

**Subject :**  Special Lecture on "Data Structure using C".

**Class :**   BCA - II

   All the **Advance Learners** in BCA II  are  hereby informed that a special lecture on **"Data Structure using C"**  is organized on 10/10/023 to 14/10/023 at 11.,...am. All the **Advance** Learners must attend the lecture.

**Name of the Lecturer**

( Mr.N.A.Patil)

**Principal**

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon, Dist.Kolhapur,Maharashtra

Date : 27/09/023

**Notice**

Subject :    Special Lecture on "Ethical Hacking".

Class :     BCA - III

All the **Advance** Learners in BCA III  are  hereby informed that a special lecture on
"**Ethical Hacking**"  is organized on ...02.1.10.1023.to.07/10.23at ...11:0.0...am. All the
**Advance** Learners must attend the lecture.

Name of the Lecturer                                                    Principal

( Mr. N.A.Patil)

## Notice

**Subject :** Special Lecture on "Introduction to Programming Using C".

**Class :** **BCA - I**

All the **Slow Learners** in BCA –I are hereby informed that a special lecture on "**Introduction to Programming Using C**" is organized on .03/10/023 to 09/10/23. at .12. pm. All the **Slow** Learners must attend the lecture.

**Name of the Lecturer**

( Mr. N. A.Patil )

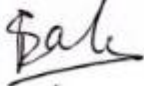**Principal**

# Notice

**Subject :  Special Lecture on "Web Technology".**

**Class :     BCA - II**

All the **Slow Learners** in BCA –II are  hereby informed that a special lecture on **"Web Technology"** is organized on 03.|10)023 to 07.|10|023 at ...11.....am.  All the **Slow** Learners must attend the lecture.

Name of the Lecturer

( Miss.S.J.Garade)

Principal

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon, Dist.Kolhapur, Maharashtra

Date : 27/09/23

Notice

Subject : Special Lecture on "Management Information System".

Class :     BCA - III

All the **Slow** Learners in BCA –III are hereby informed that a special lecture on **"Management Information System"** is organized on 1.0/10/03 to 14/10/023 at 1:00 pm. All the **Slow** Learners must attend the lecture.

Name of the Lecturer

( Mr. N.A.Patil)

Principal

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon,Dist.Kolhapur,Maharashtra

# Attendance

# of

# Beneficiaries

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

## Year : 2023-24

## Special Lectures for Slow Student's

## Attendance BCA-I

**Name of the Teacher:  Mr. N. A. Patil**

| Sr.No. | Name of the student | Date 03/10/023 | Date 04/10/023 | Date 05/10/023 | Date 06/10/023 | Date 07/10/023 |
|---|---|---|---|---|---|---|
| 1. | Avaghade Swamini Manik | Avaghade | Avaghade | Avaghade | Avaghade | Avaghade |
| 2. | Bhate Vishal Kundlik | Bhate | Bhate | Bhate | Bhate | Bhahate |
| 3. | Chalke Saurabh Laxman | C.S.L. | C.S.L | C.S.L | C.S.L | CSL |
| 4. | Dabade Mahima Sagar | Dabade mah. | Dabade mahi | Dabade mahi | Dabade mahi | Dabade mahi |
| 5. | Kamble Sahil Uday | Skamble | Skamble | Skamble | Skamble | Skamble |
| 6. | Kothawale Sahil Dipak | Dilul | Dilul | Dilul | Dilul | Dilul |
| 7. | Avaghade Swamini Manik | Avaghade | Avaghade | Avaghade | Avaghade | Avaghade |

Subject  Teacher

( Mr. N. A.Patil)

H.O.D.

**Head**
Department of BCA
Dr. Babasaheb Ambedkar College,
Peth Vadgaon-416 112.

Principal

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon,Dist.Kolhapur,Maharashtra

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

## YEAR: 2023-24

## Special Lectures for Slow Student's

## Attendance - BCA-II

**Name of the Teacher: Miss S.J.Garade.**

| Sr.No. | Name of the student | Date 03\|10\|023 | Date 04\|10\|023 | Date 05\|10\|023 | Date 06\|10\|023 | Date 07\|10\|023 |
|--------|---------------------|------|------|------|------|------|
| 1. | Aoutade Mayuresh Mahadev | Mayuresh | Mayuresh | Mayuresh | Mayuresh | Mayuresh. |
| 2. | Autade Swapnil Sanjay | A.S.S. | A.S.S. | A.S.S. | A.S.S. | A.S.S. |
| 3. | Jadhav Sanidhya Bhagatsingh | Sanidhya | Sanidhya | Sanidhya | Sanidhya | Sanidhya |
| 4. | Kamble Kedar Vishnu | kkamble | kkamble | kkamble | kkamble | kkamble. |
| 5. | Kumbhar Nikhil Ramesh | Nkumbhar | Nkumbhar | Nkumbhar | Nkumbhar | Nkumbhar |
| 6. | Pawar Pawan Sunil | Pawar | Pawar | Pawar | Pawar | Pawar |
| 7. | Powar Rohit Tukaram | Rohit. | Rohit | Rohit | Rohit | Rohit |

Subject   Teacher

( Miss S.J.Garade.)

H.O.D.

Principal

**Head**
Department of BCA
Dr. Babasaheb Ambedkar College,
Peth Vadgaon-416 112.

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon,Dist.Kolhapur,Maharashtra

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

### YEAR: 2023-24

### Special Lectures for Slow Student's

### Attendance

### BCA-III

Name of the Teacher: Mr. N.A.Patil

| Sr.No. | Name of the student | Date 10/10/023 | Date 11/01/023 | Date 12/10/023 | Date 13/10/023 | Date 14/10/023 |
|--------|---------------------|------|------|------|------|------|
| 1. | Gaikwad Ruturaj Ananda | Gaikwad | Gaikwad | Gaikwad | Gaikwad | Gaikwad |
| 2. | Gaikwad Sanket Uttam | G.S.U. | G.S.U. | G.S.U | G.S.U | G.S.U. |
| 3. | Kamble Diksha Dilip | Dkamble | Dcamble | Dcamble | Dcamble | Dcamble |
| 4. | Mane Akanksha Sunil | Mane | Mane | Mane | Mane | Mane |
| 5. | Sid Ankush Shrinivas | AnkushSid. | AnkushSid | AnkushSid | AnkushSid | AnkushSid. |
| 6. | Sid Digambar Shahaji | Sid | Sid | Sid | Sid | Sid |
| 7. | Gaikwad Ruturaj Ananda | Rutiya | Rayuya | Rayya | Radya | Ratya |

Subject Teacher

( Mr. N.A.Patil)

H.O.D.
**Head**
**Department of BCA**
**Dr. Babasaheb Ambedkar College.**
**Peth Vadgaon-416 112.**

Principal

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon,Dist.Kolhapur,Maharashtra

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

## Year : 2023-24

## Special Lectures for Advance Student's

## Attendance- BCA I

**Name of the Teacher: Miss S.J.Garade.**

| Sr.No. | Name of the student | Date 6/10/023 | Date 1/10/023 | Date 12/10/023 | Date 13/10/2023 | Date 14/10/023 |
|--------|---------------------|------|------|------|------|------|
| 1. | Chavan Akshata Baburao | ABLA | ABLn | ABln | ABln | ABln |
| 2. | Danane Saniya Shivaji | S.S.D | S.S.D. | S.S.D | S.S.D | S.S.D. |
| 3. | Karade Ashwajeet Shailesh | Akarade | Korade | Korade | Korade | Korade |
| 4. | Patil Sakshi Sukumar | S.SP. | S.SP | S.SP | S.SP | S.S.P |
| 5. | Sangar Anshika Kiran | AlSSa | AkSan | ARSan | Aksan | Aksni |
| 6. | Shete Jyoti Namdev | J.N.S | J.N.S | J.N.S | J.N.S | J.N.S |
| 7. | Chavan Akshata Baburao | ABln | ABln | ABln | ABln | ABln |

Subject Teacher

( Miss S.J.Garade)

H.O.D.

Head
Department of BCA
Dr. Babasaheb Ambedkar College
Peth Vadgaon-416 112.

Principal

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon,Dist.Kolhapur,Maharashtra

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

## YEAR: 2023-24

## Special Lectures for Advance Student's

## Attendance - BCA III

Name of the Teacher:  Mr. N.A.Patil.

| Sr.No. | Name of the student | Date 03/10/023 | Date 04/10/023 | Date 05/10/023 | Date 06/10/023 | Date 07/10/023 |
|--------|---------------------|------|------|------|------|------|
| 1. | Bhise Priyanka Bhimrao | Bhise | Bhise | Bhise | Bhise | Bhise |
| 2. | Jadhav Aniruddha Pravin | AJadhav | AJadhav | AJadhav | AJadhav | AJadhav |
| 3. | Kumbhar Suyog Sanjay | SKumbhar | SKumbhar | SKumbhar | SKumbhar | SKumbhar |
| 4. | Mithari Someshwar Rajesh | Smithari | Smithari | Smithari | Smithari | Smithari |
| 5. | Salunkhe Priyanka Baburao | Salunkhe | Salunkhe | Salunkhe | Salunkhe | Salunkhe |

Subject Teacher

( Mr. N.A.Patil)

H.O.D.

**Head**
Department of BCA
Dr. Babasaheb Ambedkar College,
Peth Vadgaon-416 112.

Principal

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya,
Peth Vadgaon,Dist.Kolhapur,Maharashtra

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

## YEAR: 2023-24
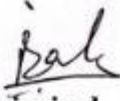
## Special Lectures for Advance Student's

## Attendance- BCA II

Name of the Teacher: Mr.N.A.Patil..

| Sr.No. | Name of the student | Date 10/10/23 | Date 11/10/23 | Date 12/10/23 | Date 13/10/23 | Date 14/10/23 |
|---|---|---|---|---|---|---|
| 1. | Apugade Asmita Arun | Apugade | Apugade | Apugade | Apugade | Apugade |
| 2. | Apugade Sanket Mahavir | Sm | Sm | Sm | Sm | Sm |
| 3. | Apugade Pratik Jaysing | A.P.J. | A.P.J. | A.J.P | A.J.P | A.P.J |
| 4. | Apugade Samruddhi Sanjay | | | | | |
| 5. | Kumbhar Radhika Suryakant | Radhika | Radhika | Radhika | Radhika | Radhika |
| 6. | Kumbhar Suraj Subhash | Suraj | Suraj | Suraj | Suraj | Suraj |

Subject Teacher

( Mr.N.A.Patil.)

H.O.D.

**Head**
Department of BCA
Dr. Babasaheb Ambedkar College.
Peth Vadgaon-416 112.

Principal

Principal,
Dr. Babasaheb Ambedkar Mahavidyalaya
Peth Vadgaon,Dist.Kolhapur,Maharashtra

# Question
# Papers

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

**Class: BCA I**                                                    **Year : 2023-24**
**Subject : Introduction to programming using c**          **Marks :50**

---

**Q1.Multiple Choice Questions on Introduction to programming using c [2 Marks Each]**

**1. Who is the father of C language?**
a) Steve Jobs
b) James Gosling
c) Dennis Ritchie
d) Rasmus Lerdorf

**2. Which of the following is not a valid C variable name?**
a) int number;
b) float rate;
c) int variable_count;
d) int $main;

**3. All keywords in C are in _____**
a) LowerCase letters
b) UpperCase letters
c) CamelCase letters
d) None of the mentioned

**4. Which of the following is true for variable names in C?**
a) They can contain alphanumeric characters as well as special characters
b) It is not an error to declare a variable to be one of the keywords(like goto, static)
c) Variable names cannot start with a digit
d) Variable can be of any length

**5. Which is valid C expression?**
a) int my_num = 100,000;
b) int my_num = 100000;
c) int my num = 1000;
d) int $my_num = 10000;

**6. Which of the following cannot be a variable name in C?**
a) volatile
b) true
c) friend
d)export

**7. What is short int in C programming?**
a) The basic data type of C
b) Qualifier
c) Short is the qualifier and int is the basic data type
d) All of the mentioned

**8. Which of the following declaration is not supported by C language?**
a) String str;
b) char *str;
c) float str = 3e2;
d) Both "String str;" and "float str = 3e2;"

**9. Which keyword is used to prevent any changes in the variable within a C program?**
a) immutable
b) mutable
c) const
d) volatile

**10. What is the result of logical or relational expression in C?**
a) True or False
b) 0 or 1
c) 0 if an expression is false and any positive number if an expression is true
d) None of the mentioned

**11. Which of the following typecasting is accepted by C language?**
a) Widening conversions
b) Narrowing conversions
c) Widening & Narrowing conversions
d) None of the mentioned

**12. Where in C the order of precedence of operators do not exist?**
a) Within conditional statements, if, else
b) Within while, do-while
c) Within a macro definition
d) None of the mentioned

**13. Which of the following is NOT possible with any 2 operators in C?**
a) Different precedence, same associativity
b) Different precedence, different associativity
c) Same precedence, different associativity
d) All of the mentioned

**14. What is an example of iteration in C?**
a) for
b) while
c) do-while
d) all of the mentioned

**15. Functions can return enumeration constants in C?**
a) true
b) false
c) depends on the compiler
d) depends on the standard

**16. Functions in C Language are always _____**
a) Internal
b) External
c) Both Internal and External
d) External and Internal are not valid terms for functions

**17. Which of following is not accepted in C?**
a) static a = 10; //static as
b) static int func (int); //parameter as static
c) static static int a; //a static variable prefixed with static
d) all of the mentioned

**18. Property which allows to produce different executable for different platforms in C is called?**
a) File inclusion
b) Selective inclusion
c) Conditional compilation
d) Recursive macros

**19. What is #include <stdio.h>?**

a) Preprocessor directive

b) Inclusion directive

c) File inclusion directive

d) None of the mentioned

**20. C preprocessors can have compiler specific features.**

a) True

b) False

c) Depends on the standard

d) Depends on the platform

**21. Which of the following are C preprocessors?**

a) #ifdef

b) #define

c) #endif

d) all of the mentioned

**22. The C-preprocessors are specified with _____ symbol.**

a) #

b) $

c) " "

d) &

**23. How is search done in #include and #include "somelibrary.h" according to C standard?**

a) When former is used, current directory is searched and when latter is used, standard directory is searched

b) When former is used, standard directory is searched and when latter is used, current directory is searched

c) When former is used, search is done in implementation defined manner and when latter is used, current directory is searched

d) For both, search for 'somelibrary' is done in implementation-defined places

**24. How many number of pointer (*) does C have against a pointer variable declaration?**

a) 7

b) 127

c) 255

d) No limits

**25. Which of the following is not possible statically in C language?**

a) Jagged Array

b) Rectangular Array

c) Cuboidal Array

d) Multidimensional Array

| Class: BCA II | Year : 2023-24 |
|---|---|
| Subject : Web Technology | Marks :50 |

### Q1.Multiple Choice Questions on Web Technology [2 Marks Each]

**1. What is web technology?**
a) A collection of tools and techniques used to create and deliver content on the World Wide Web
b) A type of software that enables users to access and interact with information on the internet
c) A network of interconnected computers that share information and services
d) A system for storing and retrieving information on the internet

**2. Which HTML tag is used to create a hyperlink?**
a) <link>
b) <href>
c) <a>
d) <hyperlink>

**3. Which of the following is not a web component element?**
a) <shadow>
b) <menu>
c) <content>
d) <element>

**4. Which of the following programming languages is commonly used for server-side scripting in web development?**
a) HTML
b) CSS
c) JavaScript
d) PHP

**5. Which of the following is used to read a HTML page and render it?**
a) Web server
b) Web matrix
c) Web browser
d) None of the mentioned

**6. Which of the following is a popular front-end framework for building user interfaces in JavaScript?**
a) Django
b) Angular
c) Flask
d) Node.js

**7. What application can one create even before the introduction of HTML5?**
a) Forms
b) Browser based games
c) Web applications
d) Mobile applications

**8. Which of the following is not associated with web socket communication?**
a) https
b) wss
c) http

d) ws

**9. Why are Images often used on the webpage?**

a) To create graphical buttons or links to other pages

b) To help the webpage load efficiently

c) Webpage cannot run/be displayed without at least one image

d) Because webpage doesn't support pure text

**10. What is DOM?**

a) Application programming interface

b) Hierarchy of objects in ASP.NET

c) Convention for representing and interacting with objects in html documents

d) None of the mentioned

**11. What are tables in web programming?**

a) Display information which are already accessed by the user

b) Containing more number of rows than columns

c) To only store data to be accessed later by the user

d) Display information in rows and columns used to display all manner of data that fits in a grid

**12. What does <td> stand for?**

a) Table database

b) Table data

c) Table directory

d) Table direct row

**13. Which element to used to give title to a table?**

a) Caption

b) Headline

c) Title

d) Heading

**14. What are Forms in web programming?**

a) They are matrices on web page

b) They are used to create Table data and its information

c) They allow you to enter data which can be processed to servers

d) They are the information filled by the server-side

**15. What are Frames?**

a) They divide a webpage

b) They are the type of borders used for a webpage

c) They are the type of borders used by web browsers

d) They divide the browser into two or more pieces or panes

**16. Which HTML tag is used to create an ordered list in a webpage?**

a) <ol>

b) <ul>

c) <li>

d) <ol> and <ul>

**17. Which font format is used in web pages?**

a) EOT

b) WOFF 2.0

c) WOFF

d) SVG Fonts

**18. Which HTML tag is used to create a form?**

a) <form>

b) <input>

c) <select>

d) <textarea>

19. Which of the following property is used to control the space between the border and content in a table?
a) border
b) padding
c) margin
d) resize

20. Which of the following CSS Property controls how an element is positioned?
a) fix
b) set
c) static
d) position

21. Which CSS property can be used to set the image as border instead of the border style?
a) border-image-source
b) background-image-source
c) border-image
d) background-image

22. Which of the following property defines labels for a list of items?
a) list-style-type
b) list-style-image
c) list-stylelist-style-type
d) none of the mentioned

23. Which of the following communicates with server-side CGI scripts through HTML form submissions and can be written without the use of JavaScript?
a) Interactive Web Pages
b) Static Web Pages
c) Conditional Web Pages
d) All web pages

24. What is the special feature of modern web applications?
a) Must load the document to manipulate
b) Can alter contents without loading document
c) Can't be altered at all
d) Remains static

25. Which of the following is the Web application equivalent to querySelectorAll()?
a) #()
b) &()
c) !()
d) $()

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

**Class: BCA III**
**Subject : Management Information System**

**Year : 2023-24**
**Marks :50**

**Q1.Multiple Choice Questions on Management Information System [2 Marks Each]**

**1. Using _____ a decision maker can make hypothetical changes to problem data and observe the impact on the results**
A. Simulation
B. What-if analysis
C. Optimization
D. Goal-seeking analysis

**2. _____ involves the investigation of new approaches to existing problems.**
A. Systems analysis
B. Creative analysis
C. Critical analysis
D. Organizational analysis

**3. Which of the following is NOT a goal of transaction processing systems?**
A. Capture, process, and store transactions
B. Produce a variety of documents related to routine business activities
C. Reduce manual effort associated with processing business transactions
D. Produce standard reports used for management decision making

**4. According to the _____ theory, organizations adapt to new conditions or alter their practices over time.**
A. Change model
B. Organizational learning
C. Organizational culture
D. Continuous improvement

**5. _____ is factors that are essential to the success of certain functional areas of an organization.**
A. Mission-critical factors
B. Critical success factors
C. Performance objectives
D. Strategic factors

**6. In _____ organization, authority is delegated down the hierarchy.**
A. traditional
B. classical
C. operational
D. absolute

**7. The starting point of MIS planning is general _____ planning.**
A. objective.
B. managers.
C. business.
D. firms.

**8. BPR means _____**
A. Business Product Engineering.
B. Business Process Engineering.
C. Business Product Electronic.
D. Business Process Electronic.

9. _____ leader who commands both positional and personal influence. Team.
A. Team.
B. Project.
C. Formal.
D. Informal.

10. _____ is a prominent attribute of management information procured through MIS of an organization.
A. Explicitness.
B. Completeness.
C. Accuracy.
D. Exception based.

11. Critical information for top management is provided by _____ information system.
A. Expert.
B. Executive.
C. Decision.
D. Managerial.

12. _____ sub system covers granting of credit and cost management
A. Accounting.
B. Purchase.
C. Personnel.
D. Sales.

13. _____ type of testing ensures the system is free of errors and is ready to be placed into operation.
A. Audit
B. General
C. Technical
D. Data

14. processing is considered as the classical method of processing data.
A. Batch.
B. Group.
C. Sequence.
D. Real.

15. _____ type of processing, data is processed immediately after a transaction occurs.
A. Batch.
B. Parallel.
C. Sequence.
D. Real time.

16. _____ of information systems that support key business functions as well as cross functional business processes.
A. Standards.
B. Rules.
C. Portfolio.
D. Procedure.

17. In database handling _____ reports used by software for data.
A. Condition.
B. Specific.
C. Periodic.
D. Demand.

18. _____ steps ensure the success of the new systems
A. Initial
B. Implementation
C. Testing
D. Design

19. SCM stands for _____
A. Supply Chain Method

B. Supply Collection Management
C. Supply Chain Management
D. Search Chain Management

20. _____ means that information must reach the recipients within the prescribe timerframe.
A. Duration.
B. Period.
C. Timeliness.
D. Time.

21. _____ system will monitor and control the industrial processing activities.
A. Process control.
B. Process decision.
C. Process cleaning.
D. Process updating.

22. Customer numbers and their names would be an example of the _____ component of an order management information system.
A. software
B. hardware
C. data
D. procedure

23. What are the qualities of a good s/w ?
A. Reusability
B. Portability
C. Inter operability
D. All of the above

24. Which of the following is not a characteristic of good information?
A. Interchangeability
B. relevance
C. cost effectiveness
D. timeliness

25. Which is not a domain of-Artificial Intelligence?
A. Intelligent Agents.
B. Expert System.
C. None of the above.
D. A & B

**Q1.Multiple Choice Questions on Object Oriented Programming Using C++ [2 Marks Each]**

**1. Who invented OOP?**
a) Andrea Ferro
b) Adele Goldberg
c) Alan Kay
d) Dennis Ritchie

**2. Which is not a feature of OOP in general definitions?**
a) Efficient Code
b) Code reusability
c) Modularity
d) Duplicate/Redundant data

**3. Which was the first purely object oriented programming language developed?**
a) Kotlin
b) SmallTalk
c) Java
d) C++

**4. When OOP concept did first came into picture?**
a) 1980's
b) 1995
c) 1970's
d) 1993

**5. Which feature of OOP indicates code reusability?**
a) Abstraction
b) Polymorphism
c) Encapsulation
d) Inheritance

**6. Which header file is required in C++ to use OOP?**
a) OOP can be used without using any header file
b) stdlib.h
c) iostream.h
d) stdio.h

**7. Why Java is Partially OOP language?**
a) It allows code to be written outside classes
b) It supports usual declaration of primitive data types
c) It does not support pointers
d) It doesn't support all types of inheritance

**8. Which among the following doesn't come under OOP concept?**
a) Data hiding
b) Message passing
c) Platform independent
d) Data binding

**9. Which is the correct syntax of inheritance?**
a) class base_classname :access derived_classname{ /*define class body*/ };
b) class derived_classname : access base_classname{ /*define class body*/ };
c) class derived_classname : base_classname{ /*define class body*/ };
d) class base_classname : derived_classname{ /*define class body*/ };

**10. Which feature of OOP is indicated by the following code?**

```
class student{ int marks; };
class topper:public student{ int age;  topper(int age){ this.age=age; } };
```

a) Encapsulation and Inheritance
b) Inheritance and polymorphism
c) Polymorphism
d) Inheritance

**11. The feature by which one object can interact with another object is _____**
a) Message reading
b) Message Passing
c) Data transfer
d) Data Binding

**12. Which among the following, for a pure OOP language, is true?**
a) The language should follow at least 1 feature of OOP
b) The language must follow only 3 features of OOP
c) The language must follow all the rules of OOP
d) The language should follow 3 or more features of OOP

**13. How many types of access specifiers are provided in OOP (C++)?**
a) 4
b) 3
c) 2
d) 1

**14. In multilevel inheritance, which is the most significant feature of OOP used?**
a) Code efficiency
b) Code readability
c) Flexibility
d) Code reusability

**15. What is encapsulation in OOP?**
a) It is a way of combining various data members and member functions that operate on those data members into a single unit
b) It is a way of combining various data members and member functions into a single unit which can operate on any data
c) It is a way of combining various data members into a single unit
d) It is a way of combining various member functions into a single unit

**16. Which of the following is not true about polymorphism?**
a) Helps in redefining the same functionality
b) Increases overhead of function definition always
c) It is feature of OOP
d) Ease in readability of program

**17. Which constructor will be called from the object created in the below C++ code?**

```
class A
{
        int i;
        A()
        {
```

```
                    i=0; cout<<i;
        }
    A(int x=0)
        {
                    i=x;  cout<<I;
        }
};
A obj1;
```
a) Parameterized constructor
b) Default constructor
c) Run time error
d) Compile time error

**18. What is an abstraction in object-oriented programming?**
a) Hiding the implementation and showing only the features
b) Hiding the important data
c) Hiding the implementation
d) Showing the important data

**19. Which among the following can show polymorphism?**
a) Overloading &&
b) Overloading <<
c) Overloading ||
d) Overloading +=

**20. In which access should a constructor be defined, so that object of the class can be created in any function?**
a) Any access specifier will work
b) Private
c) Public
d) Protected

**21. Which among the following is correct for the class defined below?**

```
class student
{
    int marks;
    public: student(){}
    student(int x)
    {
        marks=x;
    }
};
main()
{
    student s1(100);
    student s2();
    student s3=100;
    return 0;
}
```
a) Program will give compile time error
b) Object s3, syntax error
c) Only object s1 and s2 will be created
d) Program runs and all objects are created

**22. The copy constructors can be used to _____**
a) Copy an object so that it can be passed to another primitive type variable
b) Copy an object for type casting
c) Copy an object so that it can be passed to a function
d) Copy an object so that it can be passed to a class

23. Which constructor will be called from the object obj2 in the following C++ program?

```
class A
{
        int i;
        A()
        {
                i=0;
        }
        A(int x)
        {
                i=x+1;
        }
        A(int y, int x)
        {
                i=x+y;
        }
};
A obj1(10);
A obj2(10,20);
A obj3;
```

a) A(int y, int x)
b) A(int y; int x)
c) A(int y)
d) A(int x)

24. Which among the following represents correct constructor?
a) –classname()
b) classname()
c) ()classname
d) ~classname()

25. What happens when an object is passed by reference?
a) Destructor is called at end of function
b) Destructor is called when called explicitly
c) Destructor is not called
d) Destructor is called when function is out of scope

## Dr.Babasaheb Ambedkar Mahavidyalaya.

### Department of BCA

| | |
|---|---|
| Class: BCA II | Year : 2023-24 |
| Subject : Data Structure using C | Marks :50 |

**Q1.Multiple Choice Questions on Data Structure using C [2 Marks Each]**

**1. What is a data structure?**
a) A programming language
b) A collection of algorithms
c) A way to store and organize data
d) A type of computer hardware

**2. What are the disadvantages of arrays?**
a) Index value of an array can be negative
b) Elements are sequentially accessed
c) Data structure like queue or stack cannot be implemented
d) There are chances of wastage of memory space if elements inserted in an array are lesser than the allocated size

**3. Which data structure is used for implementing recursion?**
a) Stack
b) Queue
c) List
d) Array

**4. The data structure required to check whether an expression contains a balanced parenthesis is?**
a) Queue
b) Stack
c) Tree
d) Array

**5. Which of the following is not the application of stack?**
a) Data Transfer between two asynchronous process
b) Compiler Syntax Analyzer
c) Tracking of local variables at run time
d) A parentheses balancing program

**6. Which data structure is needed to convert infix notation to postfix notation?**
a) Tree
b) Branch
c) Stack
d) Queue

**7. What is the value of the postfix expression 6 3 2 4 + – *?**
a) 74
b) -18

**8. What data structure would you mostly likely see in non recursive implementation of a recursive algorithm?**
a) Stack
b) Linked List
c) Tree
d) Queue

**9. Which of the following statement(s) about stack data structure is/are NOT correct?**
a) Top of the Stack always contain the new node
b) Stack is the FIFO data structure
c) Null link is present in the last node at the bottom of the stack
d) Linked List are used for implementing Stacks

**10. The data structure required for Breadth First Traversal on a graph is?**
a) Array
b) Stack
c) Tree
d) Queue

**11. The prefix form of A-B/ (C * D ^ E) is?**
a) -A/B*C^DE
b) -A/BC*^DE
c) -ABCD*^DE
d) -/*^ACBDE

**12. Which of the following points is/are not true about Linked List data structure when it is compared with an array?**
a) Random access is not allowed in a typical implementation of Linked Lists
b) Access of elements in linked list takes less time than compared to arrays
c) Arrays have better cache locality that can make them better in terms of performance
d) It is easy to insert and delete elements in Linked List

**13. Which data structure is based on the Last In First Out (LIFO) principle?**
a) Tree
b) Linked List
c) Stack
d) Queue

**14. Which of the following application makes use of a circular linked list?**
a) Recursive function calls
b) Undo operation in a text editor
c) Implement Hash Tables
d) Allocating CPU to resources

**15. What is a bit array?**
a) Data structure that compactly stores bits
b) Data structure for representing arrays of records
c) Array in which elements are not present in continuous locations

d) An array in which most of the elements have the same value

**16. Which of the following tree data structures is not a balanced binary tree?**
a) Splay tree
b) B-tree
c) AVL tree
d) Red-black tree

**17. Which of the following is not the type of queue?**
a) Priority queue
b) Circular queue
c) Single ended queue
d) Ordinary queue

**18. Which of the following data structures can be used for parentheses matching?**
a) n-ary tree
b) queue
c) priority queue
d) stack

**19. Which algorithm is used in the top tree data structure?**
a) Backtracking
b) Divide and Conquer
c) Branch
d) Greedy

**20. What is the need for a circular queue?**
a) easier computations
b) implement LIFO principle in queues
c) effective usage of memory
d) to delete elements based on priority

**21. Which of the following is the most widely used external memory data structure?**
a) B-tree
b) Red-black tree
c) AVL tree
d) Both AVL tree and Red-black tree

**22. Which of the following is also known as Rope data structure?**
a) Linked List
b) Array
c) String
**d) Cord**

**23. What will be the output of the following program?**

```
main()
{
  char str[]="san foundry";
  int len = strlen(str);
  int i;

  for(i=0;i<len;i++)
```

```
    push(str[i]); // pushes an element into stack

  for(i=0;i<len;i++)
    pop(); //pops an element from the stack
}
```

a) yrdnuof nas
b) foundry nas
c) sanfoundry
d) san foundry

**24. Which of the following data structure can provide efficient searching of the elements?**
a) binary search tree
b) unordered lists
c) 2-3 tree
d) treap

**25. What is an AVL tree?**
a) a tree which is unbalanced and is a height balanced tree
b) a tree which is balanced and is a height balanced tree
c) a tree with atmost 3 children
d) a tree with three children

# Dr.Babasaheb Ambedkar Mahavidyalaya.

## Department of BCA

**Class: BCA III**  
**Subject : Ethical Hacking**

**Year : 2023-24**  
**Marks :50**

---

### Q1.Multiple Choice Questions on Ethical Hacking [2 Marks Each]

**1. What is the ethics behind training how to hack a system?**
a) To think like hackers and know how to defend such attacks
b) To hack a system without the permission
c) To hack a network that is vulnerable
d) To corrupt software or service using malware

**2. Performing a shoulder surfing in order to check other's password is _____ ethical practice.**
a) a good
b) not so good
c) very good social engineering practice
d) a bad

**3. _____ has now evolved to be one of the most popular automated tools for** unethical hacking.
a) Automated apps
b) Database software
c) Malware
d) Worms

**4. Leaking your company data to the outside network without prior permission of senior** authority is a crime.
a) True
b) False

**5. _____ is the technique used in business organizations and firms to protect IT** assets.
a) Ethical hacking
b) Unethical hacking
c) Fixing bugs
d) Internal data-breach

**6. The legal risks of ethical hacking include lawsuits due to _____ of personal data.**
a) stealing
b) disclosure
c) deleting
d) hacking

**7. Before performing any penetration test, through legal procedure, which key points listed below is not mandatory?**
a) Know the nature of the organization
b) Characteristics of work done in the firm
c) System and network
d) Type of broadband company used by the firm

**8. An ethical hacker must ensure that proprietary information of the firm does not get leaked.**
a) True
b) False

**9. After performing _____ the ethical hacker should never disclose client information to other parties.**
a) hacking

b) cracking
c) penetration testing
d) exploiting

10. _____ is the branch of cyber security that deals with morality and provides different theories and a principle regarding the view-points about what is right and wrong.
a) Social ethics
b) Ethics in cyber-security
c) Corporate ethics
d) Ethics in black hat hacking

11. _____ helps to classify arguments and situations, better understand a cyber-crime and helps to determine appropriate actions.
a) Cyber-ethics
b) Social ethics
c) Cyber-bullying
d) Corporate behaviour

12. A penetration tester must identify and keep in mind the _____ & _____ requirements of a firm while evaluating the security postures.
a) privacy and security
b) rules and regulations
c) hacking techniques
d) ethics to talk to seniors

13. In which year the term hacking was coined?
a) 1965-67
b) 1955-60
c) 1970-80
d) 1980-82

14. From where the term 'hacker' first came to existence?
a) MIT
b) Stanford University
c) California
d) Bell's Lab

15. What is the one thing that old hackers were fond of or find interests in?
a) Breaking Other's system
b) Voracious thirst for knowledge
c) Cracking Phone calls
d) Learning new languages

16. In which year the first popular hacker conference took place?
a) 1994
b) 1995
c) 1993
d) 1992

17. What is the name of the first hacker's conference?
a) DEFCON
b) OSCON
c) DEVCON
d) SECCON

18. In which year, first practical technology hacking came into origin?
a) 1878
b) 1890
c) 1895
d) 1876

19. In which year, hacking became a practical crime and a matter of concern in the field of technology?

a) 1971
b) 1973
c) 1970
d) 1974

20. Who was the first individual who performed a major hacking in the year 1971?
a) Steve Wozniak
b) Steve Jobs
c) Kevin Mitnick
d) John Draper

21. Name the hacker who breaks the ARPANET systems?
a) Jon von Neumann
b) Kevin Poulsen
c) Kevin Mitnick
d) John Draper

22. Who coined the term "cyberspace"?
a) Andrew Tannenbaum
b) Scott Fahlman
c) William Gibson
d) Richard Stallman

23. In which year computer scientists try to integrate encryption techniques in TCP/IP protocol?
a) 1978
b) 1980
c) 1982
d) 1984

24. In which year the Computer Fraud & Abuse Act was adopted in the United States?
a) 1983
b) 1984
c) 1987
d) 1988

25. _____ is the oldest phone hacking techniques used by hackers to make free calls
a) Phishing
b) Spamming
c) Phreaking
d) Cracking

# Exam

# Mark

# Sheet

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

Barrister Tatyasaheb Mane Vidyanagar, Pethvadgaon.

## List of Slow Learner .

**Class: BCA - I      YEAR : 2023-24      Semester: I**

**Subject:   Introduction to Programming Using C**

**Name of the Teacher:  Mr. N. A.Patil**

| Sr.No. | Name of the student | Marks: Out of: 50 | Signature of the Students |
|---|---|---|---|
| 1. | Avaghade Swamini Manik | 32 | Avaghade |
| 2. | Bhate Vishal Kundlik | 35 | Bhate |
| 3. | Chalke Saurabh Laxman | 38 | C.S.L. |
| 4. | Dabade Mahima Sagar | 35 | Dabade Mahi |
| 5. | Kamble Sahil Uday | 32 | Skamble |
| 6. | Kothawale Sahil Dipak | 36 | Sahil |
| 7. | Avaghade Swamini Manik | 32 | Avaghade |

Subject  Teacher.

( Mr. N. A.Patil)

H.O.D.
Head
Department of BCA
Dr. Babasaheb Ambedkar College.
Peth Vadgaon-416 112

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

Barrister Tatyasaheb Mane Vidyanagar, Pethvadgaon.

## List of Slow Learner

**Class: BCA - II**  **YEAR: 2023-24**  **Semester: III**

### Subject: Web Technology

Name of the Teacher: Miss S.J.Garade.

| Sr.No. | Name of the student | Marks: Out of: 50 | Signature of the Students |
|--------|---------------------|-------------------|---------------------------|
| 1. | Aoutade Mayuresh Mahadev | 38 | Mayuresh. |
| 2. | Autade Swapnil Sanjay | 32 | A.S.S. |
| 3. | Jadhav Sanidhya Bhagatsingh | 30 | Jsanidhyca |
| 4. | Kamble Kedar Vishnu | 35 | kkamble |
| 5. | Kumbhar Nikhil Ramesh | 33 | Nkumbhav. |
| 6. | Pawar Pawan Sunil | 32 | Pawar |
| 7. | Powar Rohit Tukaram | 30 | Rohit |

Subject Teacher.

( Miss.S.J.Garade)

Head.
Department Head BCA
Dr.Babasaheb Ambedkar College.
Peth Vadgaon-416 112.

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

Barrister Tatyasaheb Mane Vidyanagar, Pethvadgaon.

## List of Slow Learner .

**Class: BCA - III**          **YEAR:  2023-24**          **Semester: V**

### Subject:   Management Information System

Name of the Teacher:  Mr. N.A.Patil.

| Sr.No. | Name of the student | Marks: Out of: 50 | Signature of the Students |
|--------|--------------------|-------------------|---------------------------|
| 1. | Gaikwad Ruturaj Ananda | 30 | Gaikwad |
| 2. | Gaikwad Sanket Uttam | 32 | G.S.O. |
| 3. | Kamble Diksha Dilip | 38 | Deamble |
| 4. | Mane Akanksha Sunil | 35 | Mane |
| 5. | Sid Ankush Shrinivas | 32 | Ankushsid |
| 6. | Sid Digambar Shahaji | 35 | Sid |
| 7. | Gaikwad Ruturaj Ananda | 38 | Rutoja |

Subject Teacher.

( Mr. N.A.Patil)

H.O.D.
Head
Department of BCA
Dr Babasaheb Ambedkar College,
Peth Vadgaon-416 112.

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

Barrister Tatyasaheb Mane Vidyanagar, Pethvadgaon.

## List of Advance Learner .

**Class: BCA - I**     **YEAR : 2023-24**     **Semester: I**

**Subject:   Object Oriented Programming Using C++**

**Name of the Teacher:  Miss S.J.Garade**

| Sr.No. | Name of the student | Marks: Out of: 50 | Signature of the Students |
|--------|---------------------|-------------------|---------------------------|
| 1. | Chavan Akshata Baburao | 45 | |
| 2. | Danane Saniya Shivaji | 46 | S.S.D |
| 3. | Karade Ashwajeet Shailesh | 45 | Korade |
| 4. | Patil Sakshi Sukumar | 44 | S.S.P |
| 5. | Sangar Anshika Kiran | 48 | |
| 6. | Shete Jyoti Namdev | 46 | J.N.s |
| 7. | Chavan Akshata Baburao | 46 | |

Subject  Teacher.

( Miss S.J.Garade)

H.O.D.
**Head**
Department of BCA
Dr. Babasaheb Ambedkar College,
Peth Vadgaon-416 112.

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

Barrister Tatyasaheb Mane Vidyanagar, Pethvadgaon.
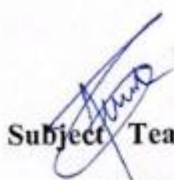
## List of Advance Learner.

Class: BCA - III                YEAR:  2023-24                Semester: V

### Subject:   Ethical Hacking

Name of the Teacher:  Mr. N.A.Patil.

| Sr.No. | Name of the student | Marks: Out of: 50 | Signature of the Students |
|--------|---------------------|-------------------|---------------------------|
| 1. | Bhise Priyanka Bhimrao | 45 | Bhise |
| 2. | Jadhav Aniruddha Pravin | 44 | Anidhav |
| 3. | Kumbhar Suyog Sanjay | 45 | SKumbhar |
| 4. | Mithari Someshwar Rajesh | 44 | Smithori |
| 5. | Salunkhe Priyanka Baburao | 48 | Falunkhe |

Subject  Teacher.

( Mr. N.A.Patil)

H.O.D.
Head
Department of BCA
Dr. Babasaheb Ambedkar College.
Peth Vadgaon-416 112.

Jayprakash Education Society's

# Dr.Babasaheb Ambedkar Mahavidyalaya.

Barrister Tatyasaheb Mane Vidyanagar, Pethvadgaon.

## List of Advance Learner .

**Class: BCA - II**　　　**YEAR: 2023-24**　　　**Semester: III**

### Subject: Data Structure using C

**Name of the Teacher: Mr.N.A.Patil.**

| Sr.No. | Name of the student | Marks: Out of: 50 | Signature of the Students |
|--------|--------------------|--------------------|---------------------------|
| 1. | Apugade Asmita Arun | 45 | Apugade. |
| 2. | Apugade Sanket Mahavir | 46 | |
| 3. | Apugade Pratik Jaysing | 44 | A .P. J . |
| 4. | Apugade Samruddhi Sanjay | 48 | |
| 5. | Kumbhar Radhika Suryakant | 46 | Radhika |

Subject　Teacher.

( Mr.N.A.Patil)

**Head**
Department of BCA
Dr. Babasaheb Amhedkar College,
Peth Vadgaon-　.　.12.