



B.C.A. – IIIrd Year

SEM – V & VI

Previous Year

Question Papers

Academic Year

(2022-23)





B.C.A. – IIIrd Year

SEM – V

Previous Year

Question Papers

Academic Year

(2022-23)



BCA - III
Sem. - V

QP Code: 548QP

Total No. of Pages: 3

Seat No. BCA-III, S.-V

January - February (Winter) Examination - 2023

Subject Name: Bachelor of Computer Application_88658_Java Programming_03.01.2023_02.30 PM to 05.30 PM

Subject Code: 88232

Day and Date: Tuesday, 03-01-2023

Time: 02:30 pm to 05:30 pm

Total Marks: 80

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

1) Q.1 and Q. 6 are compulsory and attempt any three Questions from Q.2 to Q. 5.





Q.1. A. Multiple Choice Questions (10)

[20]

1. Which of the following is a valid declaration of an object of class, say Box?

- a. `Box obj = new Box;`
- b. `Box obj = new Box();`
- c. `obj = new Box();`
- d. `new Box obj;`

2. Which statement is true about Java?

- a. Java is a sequence-dependent programming language
- b. Java is a code dependent programming language
- c. Java is a platform-dependent programming language
- d. Java is a platform-independent programming language



3. What is not the use of "this" keyword in Java?

- a. Referring to the instance variable when a local variable has the same name
- b. Passing itself to the method of the same class
- c. Passing itself to another method
- d. Calling another constructor in constructor chaining

4. Which of the following is not a correct statement?

- a. It is always necessary to use new operator to initialize an array.
- b. Array can be initialized using comma separated expressions surrounded by curly braces.
- c. Array can be declared and memory can be allotted in one statement.
- d. An array can be declared in one statement and memory can be allocated in other statement.

5. Which of these statements is incorrect about Thread?

- a. `start()` method is used to begin execution of the thread
- b. `run()` method is used to begin execution of a thread before `start()` method in special cases
- c. A thread can be formed by implementing `Runnable` interface only
- d. A thread can be formed by a class that extends `Thread` class

6. Which is a component in AWT that can contain another components like buttons, textfields, labels etc.?

- a. Window
- b. Container
- c. Panel
- d. Frame

7. Which package provides many event classes and Listener interfaces for event handling?

- a. `java.awt`
- b. `java.awt.Graphics`
- c. `java.awt.event`
- d. None of the above

8. Which of these access-specifiers can be used for an interface?

- a. `public`
- b. `private`
- c. `protected`
- d. All of above

9. For which purpose packages are used in Java?

- a. Categorizes data
- b. Organizing java classes into namespaces
- c. For faster compilation
- d. None

10. Which of these keywords are used for generating an exception manually?

- a. `try`
- b. `catch`
- c. `throw`
- d. `check`

B. Short answer question (Any two out of three)

- 1. Explain different features of Java in details?
- 2. What is a Constructor? Explain types of Constructors in Java?
- 3. Explain Exception handling mechanism in Java with suitable example.

- Q.2. **What is an Operator? Explain different types of operators in Java with example.** [10]
- Q.3. **What is Inheritance? Explain different types of inheritance with syntax and example.** [10]
- Q.4. **What is Multithreading? Explain with example What are the ways to create multiple threads in java.** [10]
- Q.5. **Differentiate between AWT and Swing. List and explain any Five Swing components with their syntax and example.** [10]
- Q.6. **Write notes on (any Four)** [20]
a) data types in Java
b) Method Overriding and Method Overloading
c) synchronization
d) create and access user defined package in Java
e) this and super Keywords
f) Looping statements







Seat No	
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Code NO.	88241
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BCA -III (Semester-V) Practical Examination Oct 2022

Subject:-Lab Course-IX Based on CC501

(Java Programming)

**Day and Date:
Time: 2 Hours**

Friday - 20/11/2023
Time - 10.00am to 1.00 pm

Total Marks: 50

**Instructions: 1) Attempt any two questions.
2) Each question carries 15 marks, 10 Marks for journal and 10
Marks are for Oral examination.**

Q.1 Write a java program to display following pattern

```
1
1 2
1 2 3
1 2 3 4
```

Q.2 Write a Java program that prints numbers from 1 to 500 using multiple threads.

Q.3 Write a menu driven java program to calculate
1. factorial of a number
2. Fibonacci series





Seat No. B.A -III sem-V

QP Code: 3748QP
Total No. of Pages: 3

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_88232_Java Programming_25.05.2023_02.30 PM To 05.30 PM
Subject Code: 88232

Day and Date: Thursday, 25-05-2023
Time: 02:30 pm to 05:30 pm

Total
Mark
s: 70

Instructions.:

1) All questions are compulsory

Special Instruction.:

1) Q.1 and Q. 6 are compulsory and attempt any three Questions from Q.2 to Q. 5.

-
- Q.1. A. Multiple Choice Questions (1*10) [20]
- 1 In swing, Buttons are subclasses of which class?
- AbstractButton
 - JButton
 - Button
 - JRadioButton
2. ___ compiles parts of the byte code that have similar functionality at the same time
- Native Method Stack
 - Program Counter Register
 - Just-In-Time (JIT) compiler
 - Interpreter
3. Which of the following is a mutable class in java?
- java.lang.String
 - java.lang.Byte
 - java.lang.Short
 - java.lang.StringBuilder
4. Which of these have highest precedence?
- ()
 - ++
 - *
 - >>
5. A constructor that have no parameter is known as ___ constructor.
- Default
 - Parameterised
 - Argument
 - One
6. _____ is a collection of abstract methods.
- Class
 - Interface
 - Packages
 - Inheritance



7. Which of these access specifiers can be used for a class so that its members

can be accessed by a different class in the different package?

- a. Public
- b. Protected
- c. Private
- d. Friendly

8. _____ method is used to change the name of a thread.

- a. public void setName(String name)
- b. public void getName()
- c. public String setName(String name)
- d. public String getName()



9. Which of this statement is incorrect?

- a) switch statement is more efficient than a set of nested ifs
- b) two case constants in the same switch can have identical values
- c) switch statement can only test for equality, whereas if statement can evaluate any type of boolean expression
- d) it is possible to create a nested switch statements

10. An _____ is an incomplete class that requires further specification.

- a. abstract class
- b. final class
- c. static class
- d. super class

B. Give Reasons or short answer Questions (Solve Any Two) 10

1. Explain any five features of java programming.

2. Explain different relational operators in Java with example.

3. What is package? State how to create and access user defined package in Java.

Q.2. Explain each of the primitive datatypes present in java? Discuss in detail [10]
with suitable example.

Q.3. Explain different types of Inheritance in java with suitable example. [10]

Q.4. Explain the various ways of creation of thread with an example. [10]

Q.5. Discuss in detail about types of Layout management? [10]

Q.6. Write notes on (Any Four out of Six) [20]

- a) Looping statements in Java
- b) Thread Life Cycle
- c) Static and Dynamic Binding
- d) Event-Delegation Model
- e) Synchronization
- f) Access modifiers in Java



Seat No	
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Code NO.	88242
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BCA –III (Semester-V) Practical Examination Oct 2022

Subject:-Lab Course-X Based on DSE504 Paper No- CCL507

(Python Programming)

Day and Date: Friday - 20/01/2023

Total Marks: 50

Time: 2 Hours 2.00 to 5.00pm

Instructions: 1) Attempt any two questions.

2) Each question carries 15 marks 10 marks for journal and 10 marks are for Oral Examination.

Q-1) Write a PYTHON Program to display maximum number and minimum number from given list of 20 numbers .

Q-2) Write a PYTHON program to print the following patterns.

```
1
2 3
4 5 6
7 8 9 10
.....
```

Q-3) Write a PYTHON program to compute the number of characters, words and lines in a file.

Seat No. **January - February (Winter) Examination - 2023**

Subject Name: B.C.A. (CBCS)_88235_88661_Python Programming_06.01.2023_02.30 PM to 05.30 PM

Subject Code: 88235

Day and Date: Friday, 06-01-2023

Time: 02:30 pm to 05:30 pm

Total
Mark
s: 80**Instructions.:**

1) Figures to the right indicate full marks

Special Instruction.:

Que.1 and Que. 6 are compulsory Attempt any three Questions from Que. No.2 to Que. No. 5.

Q.1. A. Multiple Choice Questions(10) [20]

1. Which of these about a set is not true?

- a) Mutable data type
- b) Allows duplicate values
- c) Data type with unordered values
- d) Immutable data type

2. Which of the following character is used to give single-line comments in Python?

- a) //
- b) #
- c) !
- d) /*

3. Which keyword is used for function in Python language?

- a) Function
- b) Def
- c) Fun
- d) Define

4. Which of the following is used to define a block of code in Python language?

- a) Indentation
- b) Key
- c) Brackets
- d) All of the mentioned

5. In tuples values are enclosed in _____

- a. Square brackets
- b. Curly brackets
- c. Parenthesis
- d. None of the above

6. Which of the following options can be used to read the first line of a text file data.txt?

- a. `f = open('data.txt'); f.read()`
- b. `f = open('data.txt','r'); f.read(n)`
- c. `myfile = open('data.txt'); f.readline()`
- d. `f = open('data.txt'); f.readlines()`



7. Which of the following is not the correct syntax for creating a set?

- a) `set([[1,2],[3,4]])`
- b) `set([1,2,2,3,4])`
- c) `set((1,2,3,4))`
- d) `{1,2,3,4}`

8. What is the order of precedence in python?

- a) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- d) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

9. To add a new element to a list we use which Python command?

- a) `list1.addEnd(5)`
- b) `list1.addLast(5)`
- c) `list1.append(5)`
- d) `list1.add(5)`

10. Which of the following is not an advantage of using modules?

- a) Provides a means of reuse of program code
- b) Provides a means of dividing up tasks
- c) Provides a means of reducing the size of the program
- d) Provides a means of testing individual parts of the program

B. short answer Questions (Any Two) (10)

1. Write a python function using with parameter and return type?

2. Define a dictionary. What are the advantages of using dictionary over lists.

3. What are modules in Python? Explain.

Q.2. Explain about the input and output statements with example. Write a Python program to calculate factorial of entered number. [10]

Q.3. What type of conditional structures are present in python? Explain each with example. [10]

Q.4. What are the basic list operations that can be performed in Python? Explain each operation with its syntax and suitable example. [10]

Q.5. Explain reading and writing files in python with example. [10]

Q.6. Write notes on (any Four) [20]

- a) difference between break, continue and pass.**
- b) types of operators in python with appropriate example**
- c) types of import statement in Python**
- d) GUI in Python**
- e) python features**
- f) Nested loop with example.**





QP Code: 3887QP
Total No. of Pages: 3

Seat No. **BCA-III, Sem.- V**

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_88235_Python Programming_29.05.2023_02.30 PM To 05.30 PM
Subject Code: 88235

Day and Date: Monday, 29-05-2023
Time: 02:30 pm to 05:30 pm

Total
Mark
s: 70

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

Que.1 and Que. 6 are compulsory . Attempt any three Questions from Que. No.2 to Que. No. 5.

Q.1. A Multiple Choice Questions (10 Marks) [20]

1 Who founded Python?

- a) Alexander G. Bell
- b) Vincent van Gogh
- c) Leonardo da Vinci
- d) Guido van Rossum

2 What is the maximum possible length of an identifier?

- a) 16
- b) 32
- c) 64
- d) None of these above

3 Which one of the following has the highest precedence in the expression?

- a) Division
- b) Subtraction
- c) Parentheses
- d) Power

4 Study the following function:

`round(4.576)`

4 What will be the output of this function?

- a) 4
- b) 5
- c) 576
- d) 4576

5 What is the output of the below program in python:

`print(0.2+0.4==0.6)`

- a) True
- b) False
- c) Error
- d) Depends on machine



6 What is the name of the operator `**` in Python?

- a) Exponentiation
- b) Modulus
- c) Floor division
- d) None of the these

7 What is the output of following program?

```
r = lambda q: q * 2
s = lambda q: q * 3
x = 2
x = r(x)
x = s(x)
x = r(x)
print (x)
```

- a) 4
- b) 12
- c) 24
- d) None of Above

8 What is output of below python code?

```
dict= {1:'1', 2:'2', 3:'3'}
del dict[1]
dict[1] = '10'
del dict[2]
print (len(dict))
```

- a) 1
- b) 2
- c) 3
- d) 0

9 What is the value of this expression?

```
print(2**2**3**1)
```

- a) 12
- b) 64
- c) 128
- d) 256

10 What is the output from the following code?

```
a = 3
b = (a != 3)
print(b)
```

- a) True
- b) False
- c) 0
- d) 3

B Attempt any two questions.(10 Marks)

- a) Write history of python.
- b) Explain import statement in python.
- c) Explain set operations.



- Q.2. Write program to calculate factorial of given number using user defined function. [10]**
- Q.3. Describe looping statements in Python. [10]**
- Q.4. What is string? Explain any four built in string functions with example. [10]**
- Q.5. What is Dictionary? Explain any four Built-In Dictionary Functions with examples. [10]**
- Q.6. Write notes on (Any Four) [20]**
- 1. Data Types in Python**
 - 2. Chained Conditional statement**
 - 3. Sets**
 - 4. GUI In Python**
 - 5. Calendar module**
 - 6. Tuples**





QP Code: 224QP
Total No. of Pages: 2

Seat No. _____

January - February (Winter) Examination - 2023

Subject Name: B.C.A. (CBCS)_88234_88660_IT Security_05.01.2023_02.30 PM to 05.30 PM

Subject Code: 88234

Day and Date: Thursday, 05-01-2023
Time: 02:30 pm to 05:30 pm

Total Marks: 80

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

1. Q. 1 and 6 are compulsory 2. Attempt any three from Q. 2 to Q. 5

- Q.1. A) Select the correct alternative [20]
- Compromising confidential information comes under _____.
a) Bug b) Threat c) Vulnerability d) Attack
 - Phishing is a form of _____.
a) Impersonation b) Spamming c) Identify Theft d) Scanning
 - Which of these is an antivirus program type?
a) Kaspersky b) Quick heal c) Mcafee d) All of the mentioned
 - Using the cipher algorithm, which of these types of text would be transformed?
a) Plain text b) Scalar text
c) Complex text d) Transformed text
 - Which of the following is considered as the unsolicited commercial email?
a) Virus b) Malware c) Spam d) All of these
 - What are the major components of the intrusion detection system?
a) Analysis Engine b) Event provider
c) Alert Database d) All of the mentioned
 - The Digital Signature Certificate under the IT Act, 2000 is issued by the _____.
a) Controller b) Certifying Authority
c) Appellate Tribunal d) Cyber Authority
 - Which of the following is true about firewall?
a) Firewalls are network-based security measures that control the flow of incoming and outgoing traffic
b) A firewall is a program that encrypts all the programs that access the Internet.
c) A firewall is a program that keeps other programs from using the network.
d) Firewalls are interrupts that automatically disconnect from the internet when a threat appears
 - Firewall is a type of _____.
a) Virus b) Security threat c) Worm d) None of these
 - Under which section of IT Act of 2000, updated in 2008, stealing any digital asset or information is considered as cyber crime?
a) 65 b) 66 c) 67 d) 68

B) Write a short answer of the following (Any 2)

- Explain the term DoS attack.
- What is Cryptography? Explain its types.
- Discuss Cyber security standards in brief.



- Q.2. **Define the terms threat and attack. List out the categories of security attacks.** [10]
- Q.3. **Define Information System Security and explain the Significance and Challenges of IT Security** [10]
- Q.4. **Discuss the various Control Measures used in IT Security.** [10]
- Q.5. **What is an IT Act 2000? Explain its features.** [10]
- Q.6. **Write a short note on (Any 4)** [20]
1. **Physical and Logical assets**
 2. **Cyber Crime**
 3. **Malicious Code**
 4. **Hacker**
 5. **Digital signature and certificate**
 6. **IS Audit**







QP Code: 3844QP

Total No. of Pages: 2

Seat No. **BcA-III Sem.-IV**

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS) 88234 IT Security 27.05.2023_02.30 PM To 05.30 PM

Subject Code: 88234

Day and Date: Saturday, 27-05-2023

Time: 02:30 pm to 05:30 pm

Total Marks: 70

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

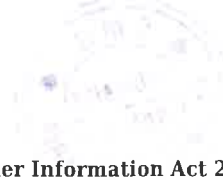
Q1. and Q.6 are compulsory ,Attempt any 3 from Q.2 to Q.5.

Q.1.	A) Select correct alternative among the alternatives given below.		10	[20]
	1)	Who is the father of computer security?		
		a) August Kerckhoffs	b) Bob Thomas	
		c) Robert	d) Charles	
	2)	When plain text is converted to unreadable format, it is termed as _____		
		a) rotten text	b) raw text	
		c) cipher-text	d) ciphen-text	
	3)	Which of the following is defined as an attempt to harm, damage or cause threat to a system or network?		
		a) Digital crime	b) Threats	
		c) System hijacking	d) Cyber Attack	
	4)	There is an excessive amount of data flow, which the system cannot handle, _____ attack takes place.		
		a) Database crash attack	b) DoS (Denial of Service) attack	
		c) Data overflow Attack	d) Buffer Overflow attack.	
	5)	Which of them is not a wireless attack?		
		a) Eavesdropping	b) MAC Spoofing	
		c) Wireless Hijacking	d) Phishing	
	6)	What are the features of cyber security?		
		a) Compliance	b) Defense against internal threats	
		c) Threat Prevention	d) All of the above	
	7)	Firewalls can be of _____ kinds.		
		a) 1	b) 2	
		c) 3	d) 4	
	8)	What is the name of the IT law that India is having in the Indian legislature?		
		a) India's Technology (IT) Act, 2000	b) India's Digital Information Technology (DIT) Act, 2000	
		c) India's Information Technology (IT) Act, 2000	d) The Technology Act, 2008	
	9)	What does cyber security protect?		
		a) Cyber security protects criminals	b) Cyber security protects internet-connected systems	
		c) Cyber security protects hackers	d) None of the mentioned	
	10)	Which of the following information security technology is used for avoiding browser-based hacking?		
		a) Anti-malware in browsers	b) Remote browser access	
		c) Adware remover in browsers	d) Incognito mode in a browser	
	B)	Write answers of following questions in brief. (Any two out of three)	10	
	1	What do you mean by Physical IT Assets? Explain physical assets in brief		
	2	Describe information security dimensions.		
	3	State any five features of IT Act 2000.		

"Pagebreak"

Q.2. State and explain different security threats in Information Technology. [10]

Q.3. Define Information system security.Explain Information Security need and challenges. [10]



- Q.4. Explain various cyber crimes under Information Act 2000. [10]
- Q.5. Explain various control measures for Information Security. [10]
- Q.6. Write short note on following questions (any Four out of six) [20]
- 1) IT Assets.
 - 2) Types of Cryptography.
 - 3) Malicious code.
 - 4) Digital Signiture.
 - 5) IS audit.
 - 6) Cyber security standards.

Seat No. **January - February (Winter) Examination - 2023**

Subject Name: B.C.A. (CBCS)_88233_88659_Data Warehousing and Data Mining_04.01.2023_02.30 PM to 05.30 PM

Subject Code: 88233

Day and Date: Wednesday, 04-01-2023

Time: 02:30 pm to 03:30 pm

Total
Mark
s: 80

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

Que.1 and Que. 6 are compulsory and attempt any three Questions from Que. No.2 to Que. No. 5.

Q.1. Q. 1. A) Choose the correct options

[20]

10

1. Which is Characteristics of Data warehouse

- A. Subject-oriented
- B. Non-volatile
- C. Integrated
- D. All of above



2.is defined as the heterogeneous data from multiple sources combined into a common source.

- A. Data extraction
- B. Data cleaning
- C. Data Integration
- D. None of above

3. KDD stands for

- A. Knowledge discovery and data
- B. Knowledge discovery from data
- C. Knowledge did from data
- D. None of above

4. Identify the type of relationship between fact and dimension table in a star schema.

- A. One to one
- B. Many to many
- C. One to many
- D. Many to one

5.is defined as the process of transforming data into the appropriate required form required by the mining procedure.

- A. Selection
- B. Extraction
- C. Transformation
- D. None of above

6. Which of the following also used as the first step in the knowledge discovery process?

- A. Data selection
- B. Data cleaning
- C. Data transformation
- D. Data integration



7. What are the functions of Data Mining?

- A. Association and correctional analysis classification
- B. Prediction and characterization
- C. Cluster analysis and Evolution analysis
- D. All of the above

8. Datais defined as the process where data relevant to the analysis is decided and retrieved from the data warehouse.

- A. Selection
- B. Extraction
- C. Transformation
- D. None of above

9. Why is the snowflake schema applied?

- A. Transformation
- B. Aggregation
- C. Normalization
- D. Generalization

10. DSS in data warehouse stands for _____.

- A. Decision single system
- B. Decision support system
- C. Data support system
- D. Data storable system

Q. 1 B Write short answers (Any two)

10

1. Discuss data mining tasks.
2. Explain Components of data warehousing.
3. Discuss rule based classification.

Q.2. What is data warehousing? Differentiate between database system and data warehouse. [10]

Q.3. What is data pre-processing? Explain data integration and transformation. [10]

Q.4. Define data mining? Explain KDD process in detail. [10]

Q.5. Explain in detail partitioning methods like K-mean and K-medoids. [10]

Q.6. Write short note on (Any four)

[20]

- 1. Clean and transform data in data warehouse**
- 2. Online analytical processing**
- 3. Functionalities issues in data mining**
- 4. Apriori algorithm**
- 5. 3 tier data warehouse architecture**
- 6. Tree mining**







QP Code: 3781QP

Total No. of Pages: 3

Seat No. BCA-III Sem-V

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_00233_Data Warehousing and Data Mining_26.05.2023_02.30 PM To 05.30 PM

Subject Code: 88233

Day and Date: Friday, 26-05-2023

Time: 02:30 pm to 05:30 pm

Total

Mark

s: 70

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

Que.1 and Que. 6 are compulsory and attempt any three Questions from Que. No.2 to Que. No. 5.

Q.1. Q. 1. A) Choose the correct options [20]

10

1. Where is data warehousing used?

- A. Transaction system
- B. Logical system
- C. Decision support system
- D. None of above

2.is defined as the removal of noisy and irrelevant data from the collection.

- A. Data extraction
- B. Data cleaning
- C. Data Modeling
- D. None of above

3.refers to the overall process of discovering useful knowledge from data.

- A. KCC
- B. KLL
- C. KDD
- D. None of above

4. On what is data warehouse based?

- A. 1D model
- B. 2D model
- C. 3D model
- D. Multidimensional model

5. From where are classification rules extracted?

- A. Branches
- B. Decision tree
- C. Siblings
- D. Root node

6. Which one of the following can be considered as the final output of the hierarchal type of clustering?

- A. A tree which displays how the close thing are to each other
- B. Assignment of each point to clusters
- C. Finalize estimation of cluster centroids
- D. None of the above

7. Why is the snowflake schema applied?

- A. Transformation
- B. Aggregation
- C. Normalization
- D. Generalization

8. DSS in data warehouse stands for _____.

- A. Decision single system
- B. Decision support system
- C. Data support system
- D. Data storable system

9. Which one of the following statements about the K-means clustering is incorrect?

- A. The goal of the k-means clustering is to partition (n) observation into (k) clusters
- B. K-means clustering can be defined as the method of quantization
- C. The nearest neighbor is the same as the K-means
- D. All of the above

10. Which one of the following can be considered as the correct application of the data mining?

- A. Fraud detection
- B. Corporate Analysis & Risk management
- C. Management and market analysis
- D. All of the above

Q. 1 B Write short answers (Any two)

10

1. Discuss KDD process.

2. Explain 3 tier data warehouse architecture.

3. Explain accuracy and error measures.

Q.2. What is multi-dimensional data model? Explain snowflakes and star model in detail. [10]

Q.3. What is data mining? Discuss different applications of data mining. [10]

Q.4. What is graph sampling? Explain frequent sub graph mining and tree mining. [10]

Q.5. Discuss different clustering methods in detail. [10]



Q.6. Write short note on (Any four)

[20]

- 1. Components of data warehousing**
- 2. Data mining tasks**
- 3. Tree algorithm**
- 4. Rule based classification**
- 5. Apriori algorithm**
- 6. K means Cluster.**





QP Code: 455QP

Total No. of Pages: 2

Seat No.

January - February (Winter) Examination - 2023

Subject Name: B.C.A. (CBCS)_88238_88664_Digital Marketing_07.01.2023_02.30 PM to 05.30 PM

Subject Code: 88238

Day and Date: Saturday, 07-01-2023

Time: 02:30 pm to 05:30 pm

Total

Mark

s: 80

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

1. Q. 1 and 6 are compulsory 2. Attempt any three from Q. 2 to Q. 5

Q.1. A) Select the correct alternative (10 Marks) [20]

1. What is a search engine?

- a) It is a program for search engines on the internet
- b) It is a website that searches for anything
- c) It is a hardware component
- d) It is a machinery engine that searches for data

2. Which of the following is not an e-marketing tool?

- a) mobile phone
- b) cinema
- c) i- radio
- d) i-kiosks

3. Which of the following comes under the keywords research tools?

- a) SEMRUSH
- b) Google
- c) Search Engine
- d) Portal

4. How to choose the best keywords?

- a) Use long-tail keywords
- b) Perform latent semantic indexing
- c) Use location-based keywords
- d) All of the above

5. Which of the following is an important step to analyze a competitor's website?

- a) Find out your SEO competitors
- b) Visit competitors' site
- c) Check competitors' backlinks
- d) All of the above

6. here is no better social media platform for ___ marketing than LinkedIn.

- a) B2C b) B2G c) B2B d) B2B2C

7. which is an online platform operated by a third party and is open to buyers or sellers in a particular industry.

- a) vertical and horizontal e-marketplace b) supplier-oriented marketplace
c) buyer-oriented marketplace d) B2B independent e-marketplace

8. ___ are the hallmarks of Google AdWords.

- a) Auctions b) Bids c) Both A and B d) None of the above

9. Affiliate Marketing is derived from the concept of ___.

- a) Donner b) Revenue sharing
c) Viral Marketing d) Email Marketing

10. The performance-based affiliate marketing model of paying for leads or sales is usually charged in which way?

- a) Cost Per Acquisition (CPA) b) Pay Per Click (PPC)
c) Affiliate Marketing d) All of these

B) Write a short answer of the following (Any 2) 10 Marks

1. Define Digital Marketing and explain its scope.
2. What is a search marketing? Explain types of search marketing.
3. Explain the concept of Google Adwords.

Q.2. State and explain the advantages of Digital Marketing over other medium. [10]

Q.3. Differentiate between SEO and SEM. [10]

Q.4. Explain the Social Media Marketing in detail. [10]

Q.5. Explain the concept of POEM framework in digital marketing? [10]

Q.6. Write a short note on (Any 4) [20]

1. Digital consumer behaviour
2. Keywords research and analysis
3. Mobile Marketing
4. Display Marketing
5. Practical Applications of Digital Marketing
6. Types of Affiliate Marketing





Smt. Mathubai Garware Kanya Mahavidyalaya, Sangli

Seat Number

Students Sign.

PRN. No.

Jr. Supervisor Name & Sign.

Examiner Name & Sign.

B.C.A. III (Sem. V)

Sub. - Compulsory Civic Course - Constitution of India

Day and Date: 09/01/2023

Total Marks:

/50

Time: 1 hours (10.30 to 11.30)

- Instructions:-
1. Solve 25 MCQ questions. Each question carries 2 marks.
 2. Select correct option and write in the bracket without any mistake.
 3. Do not write more than one option. It should not consider as well.

1. ----- was the president of the constituent assembly.
a) M. Gandhi b) B. N. Rao
c) Rajendra Prasad d) None of these
2. ----- constitution of India came into force on this day.
a) 26 Jan. 1950 b) 26 March 1951
c) 26 May 1951 d) None
3. According to the Indian Constitution section ----- amendment can be carried out.
a) 52nd b) 102nd c) 5th d) 368th
4. Nehru report was done in ----- .
a) 1920 b) 1922 c) 1925 d) 1928
5. The concept of guiding principal is derived from the ----- constitution.
a) Shri Lanka b) Bramhadesh c) Kenya d) Ireland
6. Fundamental rights included in ----- part of constitution.
a) 2nd b) 3rd c) 4th d) None of these
7. ----- as per the article Gram Panchayat has been established.
a) 20th b) 40th c) Shri Lanka d) None of above
8. ----- as per the article The Election Commission has been established.
a) 324th b) 325th c) 340th d) None of these
9. ----- observance of un touch ability is a crime under Article V.
a) 5th b) 10th c) 17th d) None of these



10. Financial emergencies related clauses is.....
- a) 352 b) 356 c) 360 d) 368
11. According to ----- clause Equality has been accepted by Law.
- a) 12th b) 14th c) 16th d) 18th
12. Appointment of Governors of constituent states done by -----
- a) Prime Minister b) President c) MLA d) None of Above
13. The constitution granted Indians ----- citizenship.
- a) Singular b) double c) thrice d) None of Above
14. There are ----- houses of Parliament.
- a) 2 b) 3 c) 4 d) None of above
15. ----- is the chairman of cabinet.
- a) M.P. b) Prime Minister c) President d) None of above
16. Tenure of Lok Sabha is generally ----- years.
- a) 1 b) 2 c) 3 d) 5
17. High court of Maharashtra is at -----
- a) Pune b) Rajguru nagar c) Mumbai d) Latur
18. In ----- year Indian National Assembly established.
- a) 1880 b) 1882 c) 1885 d) 1895
19. The British Parliament passed ----- year Morle Mento Amendment act.
- a) 1900 b) 1902 c) 1905 d) 1909
20. India adopted ----- system of governance.
- a) Parliamentary b) Presidential c) Mixed d) None of above
21. Indian Independence Act Passed on ----- year.
- a) 1941 b) 1942 c) 1945 d) 1947
22. A citizen who has completed ----- years of age can vote according to the constitution.
- a) 15 b) 16 c) 17 d) 18
23. ----- are two sides of the same coin.
- a) Rights & duties b) Equality & Liberty
- c) Justice & Authority d) None of above
24. In Rajya Sabha Senior house ----- members are there.
- a) 250 b) 320 c) 350 d) 400
25. ----- is the President of India in 2022.
- a) Manmohan Singh b) Narendra Modi
- c) Amit Shah d) Draupadi Murmu



B.C.A. – IIIrd Year

SEM – VI

Previous Year

Question Papers

Academic Year

(2022-23)





QP Code: 148QP
Total No. of Pages: 1

Seat No.

January - February (Winter) Examination - 2023

Subject Name: Bachelor of Computer Application_66423_Data Mining and Data Warehousing_04.01.2023_10.30 AM to 01.30 PM

Subject Code: 66423

Day and Date: Wednesday, 04-01-2023

Total Marks: 128

Time: 10:30 am to 01:30 pm

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

Attempt any 4 questions from Q.No.1 to Q.No. 7 and Q.No.8 is compulsory

-
- Q.1. What is Data mining? Explain KDD Process. [16]
- Q.2. Describe architecture of Data warehouse and explain data cube and its types. [16]
- Q.3. Explain Naive Bayes classifier and Bayesians theorem. [16]
- Q.4. What do you mean by decision tree? Explain it with suitable example [16]
- Q.5. What is Clustering? Explain its types with example. [16]
- Q.6. What are the different packages in R? Explain various features of R. [16]
- Q.7. What is regression? Explain Linear and Non Linear regression with example [16]
- Q.8. Write Short note on (Any TWO) [16]
1. Data Mining Tasks
 2. SVM classifier
 3. WEKA





QP Code: 3771QP

Total No. of Pages: 1

Seat No. | BCA-III sem-VI

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_66423_Data Mining and Data Warehousing_26.05.2023_10.30 AM To 01.30 PM

Subject Code: 66423

Day and Date: Friday, 26-05-2023

Time: 10:30 am to 01:30 pm

Total Marks: 80

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

1) Solve any four Questions from Que 1 to Que 7. 2) Question no. 8 is compulsory

-
- Q.1. What do you mean by clustering? Explain Hierarchical & Carrolton clustering [16]
- Q.2. What is Data Warehouse? Explain architecture of data warehouse. [16]
- Q.3. Explain Bayesians theorem and Naïve Bayes classifier. [16]
- Q.4. Define Regression. Explain Linear and Non linear regression with example [16]
- Q.5. What is Data Mining? Describe data mining issues and data mining metrics [16]
- Q.6. Explain different packages and features of R. [16]
- Q.7. What is Decision tree ? Explain decision tree with example and issues in decision tree. [16]
- Q.8. Write notes on (Any TWO) [16]
1. WEKA
 2. KDD Process.
 3. OLAP





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Total No. of Pages : 2

Seat No.	
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B.C.A.(Part - III) (Semester - VI) (Faculty of Commerce)

Examination, January - 2023

JAVA PROGRAMMING

Sub. Code : 66425

Day and Date : Friday, 06 - 01- 2023

Total Marks : 80

Time : 10.30 a.m. to 01.30 p.m.

Instructions : 1) Attempt any four questions from Q. No. 1 to Q. No.7.

2) Question No. 8 is compulsory.

3) Figures to the right indicate full marks.

Q1) a) Explain History of Java in detail. [8]

b) Explain different operators in Java with suitable example. [8]

Q2) a) Explain Environment of Java in detail. [8]

b) Write a Java program to find factorial of given number using class and object. [8]

Q3) a) Explain different branching statements in Java with suitable example. [8]

b) Explain Garbage collection with suitable example. [8]

Q4) a) Differentiate between C++ and Java. [8]

b) How to add applet code in HTML file? Give suitable example. [8]

Q5) a) Explain hierarchical inheritance in Java with suitable example. [8]

b) Explain different classes of abstract window toolkit in Java. [8]

P.T.O.



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- Q6)** a) Differentiate between function overloading and function overriding. [8]
b) Write a Java program to find area of square and circle using function overriding. [8]
- Q7)** a) Explain different built-in packages in Java. [8]
b) How to create user defined exceptions in Java? Explain with suitable example. [8]
- Q8)** Write Short Note: (Any two) [16]
a) Features of Java.
b) Applet Life Cycle.
c) Thread Life Cycle.
d) Constructor overloading.





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Total No. of Pages : 2

Seat No.	
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B.C.A. (Part-III) (Semester - VI) (Revised)

Examination, March - 2023

COMMERCE

Java Programming

Sub. Code : 66425

Day and Date : Monday, 29-05-2023

Total Marks : 80

Time : 10.30 a.m. to 1.30 p.m.

- Instructions :**
- 1) Solve any four from Q.1 to Q.7.
 - 2) Q. 8 is compulsory.
 - 3) Figures to the right indicate full marks.

- Q1) a)** What is constructor? Explain Default Constructor with suitable example. [8]
b) What is Loops in JAVA? Explain for loop with suitable example. [8]
- Q2) a)** What is Exception? Explain with suitable example. [8]
b) Explain features of JAVA programming. [8]
- Q3) a)** What is Method Overloading? Differentiate Method Overloading verses Method Overriding. [8]
b) Define Class and Object. Explain with suitable example. [8]
- Q4) a)** What is Multithreading? Explain thread life cycle with suitable example. [8]
b) Write a JAVA program to implement multilevel inheritance. [8]
- Q5) a)** What is Abstract Class? Explain with suitable example. [8]
b) Write a JAVA Program to implement interface and override in child class. [8]

P.T.O.



SH - 278

- Q6) a)** What do you mean by Packages? Explain different built in packages available in JAVA. [8]
- b) Explain different data types supported by JAVA. [8]
- Q7)** What do you mean by applet? Explain life cycle of Applet with suitable diagram and example. [16]
- Q8)** Write short notes on. (Any four) [16]
- a) Garbage collection
 - b) JVM
 - c) Access Specifies
 - d) AWT
 - e) Encapsulation
 - f) 'Final' keyword





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Total No. of Pages : 2

Seat No.	
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**B.C.A. (Part - III) (Semester - VI) Examination,
January - 2023**

LINUX OPERATING SYSTEM

Sub. Code : 66424

Day and Date : Thursday, 05 - 01 - 2023

Total Marks : 80

Time : 10.30 a.m. to 01.30 p.m.

- Instructions :**
- 1) Questions No. 8 is compulsory.
 - 2) Solve any four questions from Q. No. 1 to Q. No.7.
 - 3) All questions carry equal marks.

- Q1) a)** What is an operating system? Explain different types of operating system. [8]
- b) What is Vi editor? Explain different features of Vi editor. [8]
- Q2) a)** Define General purpose utilities. Explain different GPUs with suitable example. [8]
- b) What is shell script? How to run shell script? [8]
- Q3) a)** What is shell? Explain different types of shell. [8]
- b) Explain the command mode of Vi editor. [8]
- Q4) a)** Define filters. Explain any four filters using suitable example. [8]
- b) Explain the concept of command line arguments with suitable example. [8]
- Q5) a)** What is Linux? Explain different features of Linux operating system. [8]
- b) How to link different commands using pipe (|) operator? [8]

P.T.O.



SI - 550

- Q6)** a) Explain the for loop with its different syntax and suitable examples. [8]
b) What is directory? Explain the concept of home directory. [8]
- Q7)** a) What is kernel? Explain the concept of shell - kernel relationship. [8]
b) Write a shell script to get any integer and display the count of even digits in that integer. [8]
- Q8)** Write a Short Note on (Any four) : [16]
- a) The ex mode.
 - b) Basic file attributes.
 - c) Test statement.
 - d) Is command.
 - e) Expr statement.





SH-277

Total No. of Pages : 2

Seat No.	
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B.C.A. (Faculty of Commerce) (Part - III)
(Semester - VI) (Revised) Examination, March - 2023
LINUX OPERATING SYSTEM (Paper-603)
Sub. Code : 66424

Day and Date : Saturday, 27 - 05 - 2023

Total Marks : 80

Time : 10.30 a.m. to 1.30 p.m.

- Instructions : 1) Attempt any 4 questions from Q.1 to Q.6.
2) Q.7 is compulsory.

- Q1)** a) Explain architecture of Linux in detail. [8]
b) What is Operating System? Explain functions of Operating System in detail. [8]
- Q2)** a) What is conditional control statements? Explain if ____ else ____ if statement in Linux with example. [8]
b) Explain pipe operator in Linux with appropriate example. [8]
- Q3)** a) Write a shell script to input list of 10 numbers and print all the odd numbers in the list. [8]
b) Explain cat, cp, mv and rm commands in Linux. [8]
- Q4)** a) What is VI Editor? Explain features of VI editor in Linux. [8]
b) Write a shell script program to find whether the entered number is palindrome or not. [8]
- Q5)** a) What is looping? Explain while loop with its syntax and example. [8]
b) Write a shell script to find largest number between three given numbers. [8]

P.T.O.



SH-277

- Q6)** a) Write a shell script program to find factorial of given number. [8]
b) Explain basic attributes of files. [8]

Q7) Write short notes on. (Any two) [16]

- a) Modes of VI editor
- b) Kernel shell relationship
- c) Login and Logout in Linux
- d) Grep Command



BCA-III
Sem.-VI



QP Code: 84QP

Total No. of Pages: 1

Seat No. **BCA-III, S:VI**

January - February (Winter) Examination - 2023

Subject Name: Bachelor of Computer Application_66422_Strategic Management_03.01.2023_10.30 AM to 01.30 PM

Subject Code: 66422

Day and Date: Tuesday, 03-01-2023

Time: 10:14 am to 01:30 pm

Total Marks: 128

Instructions.:

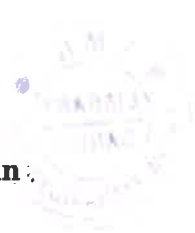
Special Instruction.: **3) Figures to the right indicate full marks**

Paper is confirmed

*1) Q.No. 8 is compulsory
2) solve any four from Q.1 to 7.*

-
- Q.1. What do you mean by Strategic Management? Explain its need. [16]
- Q.2. What are the tactics of Business Strategies? [16]
- Q.3. Explain organizational goals and objectives. [16]
- Q.4. Discuss to steps involved in Strategic Management Process. [16]
- Q.5. How to develop Vision and Mission statements? [16]
- Q.6. Explain the challenges faced during strategy formulation. [16]
- Q.7. Explain the inter-relationship of Strategy formulation and implementation. [16]
- Q.8. Write short notes (any four) [16]
- a) Role of CEO.
 - b) Good vision.
 - c) Expansion Strategy
 - d) Differentiation.
 - e) SWOT Analysis.
 - f) SBU Matrix





- Q.2. Define BPR. Explain BPR phases in detail [10]**
- Q.3. Explain ERP implementation life cycle. [10]**
- Q.4. Explain SAP ERP Package with their features and subsystems. [10]**
- Q.5. Explain different ERP implementation strategies [10]**
- Q.6. Write Short notes on (Any Four out of Six) [20]**
- 1) Evolution of ERP**
 - 2) Market overview of an ERP**
 - 3) Gap Analysis**
 - 4) Role of Consultant in ERP implementation**
 - 5) Finance Module**
 - 6) Inventory Module**



QP Code: 3760QP
Total No. of Pages: 2

Seat No. BCA-III sem-VI

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_88296_R Programming_26.05.2023_10.30 AM To 01.30 PM

Subject Code: 88296

Day and Date: Friday, 26-05-2023
Time: 10:30 am to 01:30 pm

Total Marks: 70

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

1. Q. 1 and Q. 6 is compulsory 2. Solve any 3 from Q. 2 to Q. 5.

Q.1. A Multiple Choice Questions.(10 Marks) [20]

1 R was created by?

A. Ross Ihaka B. Robert Gentleman C. Both A and B D. Ross Gentleman

2 How many atomic vector types does R have?

A. 3 B. 4 C. 5 D. 6

3 _____ function returns a vector of the same size as x with the elements arranged in increasing order.

A. sort() B. orderasc() C. orderby() D. sequence()

4 What is the length of b?

b <- 2:7

a) 4 b) 5 c) 6 d) 0

5 R files has an extension _____

a) .R b) .S c) .Rp d) .c

6 Dataframes can be converted into a matrix by calling the following function data _____

a) matr() b) matrix() c) matrixf() d) matrixfunc()

7 R is mostly used in _____

a) Problem solving b) Statistics c) Probability d) All of the mentioned

8 What will be the output of the following R code?

```
m = matrix(nrow = 2, ncol = 3)
```

```
print(dim(m))
```

a) 3 2 b) 2 3 c) 2 2 d) 4 5

9 Which of the following function gives information about top level data?

a) head b) tail c) summary d) none of the mentioned

10 _____ function returns a vector of the same size as x with the elements arranged in increasing order.

a) sort() b) orderasc() c) orderby() d) sequence()

B Attempt any two questions.(10 Marks)

a) Write steps to installation of R & RStudio.

b) Explain formal and actual arguments of functions.

c) Describe calculations across array elements.

Q.2. Explain scatter plot and bar plot with example. [10]

Q.3. What is Matrix? Explain accessing elements of a Matrix and operations on Matrices. [10]

Q.4. Write program to accept ten numbers and create Vector. Display maximum and minimum value from created vector. [10]

Q.5. Explain conditional statements in R with appropriate examples. [10]

Q.6. Write notes on (Any Four) [20]

- a) Variables and Constants in R.
- b) paste() function
- c) Data Frame
- d) Pie chart / 3D pie chart.
- e) Working with missing data
- f) Histogram





QP Code: 3806QP

Total No. of Pages: 3

Seat No. **BCA-III, Sem-VI**

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_88293_Cloud Computing_25.05.2023_10.30 AM To 01.30 PM

Subject Code: 88293

Day and Date: Thursday, 25-05-2023

Time: 10:30 am to 01:30 pm

Total
Mark
s: 70

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

1. Que. no. 1 and 6 are compulsory. Attempt any Three Questions from Que. no. 2 to 5.

Q.1. Solve the following questions.

[20]

A] Multiple choice questions.

10

1. Which one of the following cloud concepts is related to sharing and pooling the resources?

- a. Polymorphism
- b. Virtualization
- c. Abstraction
- d. None of Above

2. What is Cloud Computing?

- a. Cloud Computing means providing services like storage, servers, database, networking, etc
- b. Cloud Computing means storing data in a database
- c. Cloud Computing is a tool used to create an application
- d. None of the above

3. Which one of the following is Cloud Platform by Amazon?

- a. Azure
- b. AWS
- c. Cloudera
- d. All of Above


4. Which of the following is not a type of cloud server?

- a. Public Cloud Servers
- b. Private Cloud Servers
- c. Dedicated Cloud Servers
- d. Merged Cloud Servers

5. Which of the following is a type of cloud computing service?

- a. Service-as-a-Software (SaaS)
- b. Software-and-a-Server (SaaS)
- c. Software-as-a-Service (SaaS)
- d. Software-as-a-Server (SaaS)



- 
6. Which of the following is the application of cloud computing?
a. Adobe
b. Paypal
c. Google G Suite
d. All of the above
7. Which of the following is an example of a PaaS cloud service?
a. Heroku
b. AWS Elastic Beanstalk
c. Windows Azure
d. All of the above
8. Which of the following is the correct statement?
a. Cloud computing presents new opportunities to users and developers
b. Service Level Agreements (SLAs) is small aspect of cloud computing
c. Cloud computing does not have impact on software licensing
d. All of the mentioned
9. Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?
a. cloud
b. real
c. virtual
d. none of the above
10. Which of the following is an example of a SaaS cloud service?
a. Google Workspace
b. Dropbox
c. Salesforce
d. All of the above

B] Write short answers (any two)

10

- a) What is virtualization?
b) Discuss Paypal in detail.
c) Explain different types of cloud.
- Q.2. Explain architecture of cloud computing? [10]
- Q.3. Explain two types of virtualization structure. [10]
- Q.4. Explain salesforce in detail. [10]
- Q.5. Explain Infra structure as a service. [10]



Q.6. Write short note on (any Four)

[20]

- a) Platform as a service**
- b) Virtualization of memory**
- c) Virtual cluster.**
- d) Challenges in cloud**
- e) Mailchimp**
- f) Specialized cloud services**







Seat No.-

PRN. No.

Student Sign.

Supervisor Sign.

Supervisor Name-

Examiner Sign.

Total Marks

/50

Examiner Name-

Shivaji University, Kolhapur
Centre - Smt. Mathubai Garware Kanya Mahavidyalaya, Sangli
B.C.A. III Sem. VI (CBCS) March 2023
Skill Development Courses (SDC)
Sub- Interview & Personal Presentation Skill

सूचना:-

१. प्रश्नपत्रिकेतील २५ प्रश्न सोडविणे आवश्यक आहे.

२. प्रत्येक प्रश्न २ गुणांचा आहे.

३. a, b, c, d पर्याया पैकी बरोबर पर्याय प्रश्नांसमोरील चौकोनामध्ये न खाडाखोड करता लिहिणे.

Date- 27/05/2023

Time- 1.30 to 2.30 pm

1. Which expression will you use if you don't know the answer-----
a) I am afraid b) I haven't come across that piece of information sir
c) Sorry sir, I don't know it d) all of these
2. While entering into the interview room, one should ask-----
a) What is my salary ? b) May I come in ?
c) What is your name ? d) Where shall I sit ?
3. Language has ----- mediums of communication.
a) One b) Two c) Three d) Four
4. ----- is permanent.
a) Writing b) Reading c) Speaking d) Listening
5. ----- Presentation requires writing and spoken skills.
a) PPT b) Oral c) Non-Verbal d) None of these
6. Facial expression should be -----
a) artificial b) unnatural c) natural d) none of these
7. The tone of the speaker should be -----
a) unclear b) vague c) murky d) clear
8. The number and bullets are used as -----
a) stamp b) markers c) contrary d) none of these
9. To make your presentation more effective you need to take control of -----
a) the material b) the audience
c) your behavior d) all of the above

10. A presentation is a form of oral communication in which a person shares factual information with an ----- audience
a) large b) mixed c) specific d) small

11. In which of these, more than one candidate is interviewed?
a) The behavioral interview b) The stress interview
c) The group interview d) The audition

12. What are the successful strategies for interview.
a) Personal support b) Good eye contact
c) clear idea of the key point d) all of the above

13. Using your whole body to communicate is called what?
a) gesture b) body language c) sign language d) body position

14. Fundamental quality to face an interview is
a) personality b) alertness
c) smartness d) all of the above

15. While facing an interview, one should avoid -
a) patience b) grasping the question
c) boasting and showing ill manners d) confidence

16. When answering interview questions, it is important to -
a) be precise b) be general
c) stretch the facts d) explain too much

17. What is the best way to make a good impression during an interview ?
a) Be aggressive b) Shake hands with your interviewers before and after the interview
c) make negative comments d) exaggerate your answer

18. The required document at the time of interview is _____
a) Resume b) degree Certificates
c) mark lists d) all of these

19. _____ generates self-esteem and self - respect at the time of interview..
a) self-confidence b) self-aggressive style
c) self-nervousness d) self-gloomy nature

20. While facing an interview, one should be _____
a) Sad b) cheerful
c) unhappy d) gloomy

21. A person who appears for interview is known as -----
a) interview b) panel
c) interviewer d) interviewee

22. To make the presentation effective and impressive you should use -----
a) a simple and active form of sentences b) passive sentences
c) complex sentences d) jargon

23. Waving is a ----- type of communication.
a) verbal b) gesture c) inflexible d) none of these

24. ----- body language is included in communication.
a) 50% b) 55% c) 65% d) 60%

25. Comparing is commonly ----- in events.
a) used b) unused c) misused d) unwanted

