

**BLDE Association's**  
**S.B Arts & K.C.P Science College, Vijayapur**  
**BSC I SEM /Computer Fundamentals and Programming in C**  
**I<sup>st</sup> Internal Test 2022-23**

**Time: 1 Hour**

**Max. Marks :30**

<b>Answer any Five of the following</b>		<b>(2x5=10)</b>
<b>Q1</b>	Define Computer?	
<b>Q2</b>	Define Algorithm and Flowchart?	
<b>Q3</b>	List the Data types in C with its memory size?	
<b>Q4</b>	Define Variable and Keyword in C?	
<b>Q5</b>	Define Character Set in C?	
<b>Q6</b>	Define Looping in C ?	
<b>Answer any Two of the following</b>		<b>(5x2=10)</b>
<b>Q1</b>	Explain Basic Organization of a Digital Computer with neat Diagram ?	
<b>Q2</b>	Explain Different Types of Computers ?	
<b>Q3</b>	Explain Characteristics of Computers ?	
<b>Answer any Two of the following</b>		<b>(5x2=10)</b>
<b>Q1</b>	Distinguish between while and do while loop in C ?	
<b>Q2</b>	Explain Array with an example?	
<b>Q3</b>	Write a Program to print N Natural Number?	

BLDE Association's  
S.B Arts & K.C.P Science College, Vijayapur  
BSC III SEM /:Object Oriented Programming Concepts and Programming in Java  
I<sup>st</sup> Internal Test 2022-23

Date : 19/01/2023  
Max. Marks :30

Time: 1 Hour

<b>Answer any Five of the following</b>		<b>(2x5=10)</b>
Q1	List various features of Java programming language	
Q2	What is an Object? Give Example	
Q3	Define JVM.	
Q4	What is String? Name the method used to find the length of a string.	
Q5	Define Method Overloading	
Q6	Draw the chart for Visibility Control Modifiers.	
<b>Answer any Two of the following</b>		<b>(5x2=10)</b>
Q1	Discuss about various data types associated with java language.	
Q2	What is a Constructor? Write a java program to find the Area of Circle using Constructor.	
Q3	What is an Array? Explain types of arrays in Java with example.	
<b>Answer any Two of the following</b>		<b>(5x2=10)</b>
Q1	Explain History and Evolution of Java?	
Q2	What is an Operator? Explain types of operators in Java with example programs	
Q3	With syntax explain decision making statements in Java	

**B.L.D.E.Association's**  
**S.B.Arts and K.C.P Science College, Vijayapur**  
**Department of Computer Science**  
**First Internal Test for B.Sc V Semester – 2022-23**

**Subject: Computer Networks (Paper I)**

*Date: 18/01/2023*  
**Max Marks 20**

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**Answer any four questions**

**(4x5=20)**

1. Discuss about OSI reference model with neat sketch
2. Explain guided media with neat sketch
3. Explain LAN, MAN, WAN
4. What is Multiplexing? Explain with neat sketch
5. Define Topology? Explain in detail with different types of topology
6. Explain Digital to Analog conversion

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**Subject: : Java Programming (Paper II)**

**Max Marks 20**

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**Answer any Two the following**

**(2 x 2=4)**

1. Define Class and Object ?
2. What is JVM ?
3. What is Static Method in JAVA ?

**Answer any One of the following**

**(6 x 1=6)**

1. Write Difference between Procedural and Object oriented programming?
2. What is Inheritance in JAVA ? Explain with an Example.

**Answer any One of the following**

**(10 x 1=10)**

1. Explain Constructor with Example?
2. Explain Package with Example?

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S.B.Arts and K.C.P Science College, Vijayapur  
Department of Computer Science  
First Internal Test for B.Sc. V Semester – 2022-23**

**Subject: Fundamental of E-Governance (SEC)**

*Date : 23/01/2023*  
**Max Marks-10**

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**Answer any two questions**

**(2x5=10)**

- 1. What are the specific types of services types of E-government?**
- 2. What are the implications of equality of access to government information and services?**
- 3. How do ICTs facilitate is good governance?**

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II<sup>nd</sup> Internal Test 2022-23

Time: 1 Hour

Max. Marks :30

Answer any Five of the following

(2x5=10)

Q1	How we can access elements of one dimensional array ?
Q2	What are the value return by strcmp ( ) function ?
Q3	Define Function in C ?
Q4	What do you mean by NULL in String ?
Q5	Define Pointer in C ?
Q6	How can we declare and initialize a string variable?

Answer any Two of the following

(5x2=10)

Q1	Write a C Program to find the length of a string without using built in function
Q2	What is function? Explain Category of function?
Q3	Write a Short Note on Array and Pointer in C?

Answer any Two of the following

(5x2=10)

Q1	Write a Program to perform addition and subtraction of Matrices ?
Q2	Write C program to implement the following library function in C. (i) Strcpy (ii) streat
Q3	Differentiate between formal parameters and actual parameters in C ?



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**BSC III SEM /Object Oriented Programming Concepts and Programming in Java**  
**II<sup>nd</sup> Internal Test 2022-23**

Time: 1 Hour

Date : 10-02-2023

Max. Marks :30

<b>Answer any Five of the following</b>		<b>(5x2=10)</b>
<b>Q1</b>	What is an Exception? Name any 2 Java Exceptions.	
<b>Q2</b>	Mention the Thread Priority functions.	
<b>Q3</b>	Why do we use final keyword in Java?	
<b>Q4</b>	Define Object Class	
<b>Q5</b>	Define Abstract Class.	
<b>Q6</b>	What is component in AWT? Give Example.	
<b>Answer any Two of the following</b>		<b>(2x5=10)</b>
<b>Q1</b>	What is an Interface? How Interfaces are implemented in Java?	
<b>Q2</b>	Explain creation of Thread by extending a Thread Class.	
<b>Q3</b>	Differentiate between AWT and Swing	
<b>Q4</b>	Explain Applet Life Cycle.	
<b>Q5</b>	Explain Object Casting in Java. Give example.	
<b>Answer any Two of the following</b>		<b>(2x5=10)</b>
<b>Q1</b>	Explain Exception Handling mechanism with Example.	
<b>Q2</b>	Write a java program to implement multilevel inheritance concept.	
<b>Q3</b>	Define AWT. Explain AWT hierarchy in detail.	
<b>Q4</b>	Define JCheckBox and JRadioButton with example	

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Department of Computer Science  
Second Internal Test for B.Sc. V Semester – 2022-23

**Subject: Computer Networks (Paper I)**

**Max Marks: 80**

**SECTION -A**

**Q.I Answer any *Ten* of the following**

**(10X2=20)**

1. Define Computer Network.
2. Define Topology? Mention any two names.
3. Mention two uses of data link layer.
4. What is Protocol?
5. What is LAN?
6. Define Packet.
7. Write abbreviations of WWW & DNS.
8. What is Token?
9. What is Flooding?
10. Define Congestion.
11. Mention two services of Network Layer.
12. What is Electronic Mailing?

**SECTION-B**

**Q.II Answer any *Four* of the following**

**(4X5=20)**

13. Explain TCP/IP model.
14. Explain Twisted-Pair and Co-axial Cables.
15. What is Hamming Code? Elaborate with example.
16. Explain Bluetooth in details
17. Explain Transport Layer and Application Layer Services.
18. Explain Wireless LAN
19. Explain WWW in detail.

**SECTION-C**

**Q.III Answer any *Four* of the following**

**(4X10=40)**

20. Define switching? Explain circuit switching and packet switching.
21. Explain OSI reference model with diagram.
22. Define error detection and error-correction method/Explain CRC method for error detection.
23. Define ALOHA? Explain types of ALOHA.
24. Explain TCP Protocol in detail
25. Explain Elements of Transport protocols



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Department of computer science

Second Internal Test for Bsc V

Object Oriented Programming using Java (Paper II)

**Hours 3hr**

**Max Marks: 80**

**Answer any ten questions:**

**(PART A)**

**(10x2=20)**

1. Define OOPS?
2. What do you mean by a class?
3. What is an object?
4. List down the data types in Java?
5. What is JDK?
6. What are literals?
7. List down the data types in Java?
8. Define Encapsulation?
9. What are the static data members in java?
10. What are abstract classes?
11. What is Thread?
12. Define Method overloading?

**Answer any six questions: (PART B)**

**(6x5=30)**

13. Write about the features of Java?
14. Write a Java program to illustrate the use of constructors?
15. Write short notes on method overloading in Java?
16. Explain about various accesses specifies used in Java.
17. What do you mean by JVM? Explain.
18. Explain about static data members and static methods in Java?
19. Write a note on "this" keyword?
20. Explain about the various built in exception handling classes in java?

**Answer any Three questions: (PART C)**

**(3x10=30)**

21. Explain the control statements with an example in Java?
22. Explain the concept of inheritance in Java with an example?
23. Briefly explain finally keyword in Java with an example?
24. What is a package? Explain it with example?
25. How to achieve multiple inheritances in Java explain with an example?

End

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**Department of Computer Science**  
**Second Internal Test for B.Sc. V Semester – 2022-23**

**Subject: Fundamental of E-Governance (SEC)**  
**Time: 2 Hours**

**Max Marks-40**  
**Date: 14/02/2023**

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**Section A**

**Q I. Answer any five questions** **(5x2=10)**

1. What is E-Governance?
2. Expand SWAN & NeGP.
3. What is Digital Democracy?
4. What are the specific types of services types of E-government?
5. How e-governance can be used in Police Dept.
6. What is E-Filling?

**Section B**

**Q II. Answer any two questions** **(2x5=10)**

7. Explain the Important of E-governance.
8. What are the key issues of E-governance?
9. Illustrate the important of E-governance in Railway.

**Section C**

**Q III. Answer any two questions** **(2x10=20)**

10. Discuss in details about mission mode projects.
11. Describe Limitation of E-governance
12. Explain service provide by E-governance in Utility Services

BLDE Association's  
S.B Arts & K.C.P Science College, Vijayapur  
BSC II SEM First Internal Test 2022-23

Course code:21BSC2C2CS2L

Subject : Data Structures using C

Time: 1 Hour

Max. Marks :30

Part-I		Answer any Five of the following	(2x5=10)
Q1	Define Data Structure ?		
Q2	List any four operations performed on data structure ?		
Q3	Define Recursion ?		
Q4	Write any 4 Applications of Stack ?		
Q5	Compare Queue and Circular queue ?		
Q6	Define Searching and Sorting ?		
Part-II		Answer any Two of the following	(5x2=10)
Q1	Compare Linear and Binary Search ?		
Q2	Write a note on stack ?		
Q3	Convert the following expression to postfix (i) $A+B$ (ii) $(a+b)*(c-d)$ (iii) $a + (b * c) - d$		
Part-III		Answer any Two of the following	(5x2=10)
Q1	Explain Bubble Sort Technique ? with Example.		
Q2	Write a program to find G.C.D of two numbers using recursive function.		
Q3	Evaluate the postfix expression $AC - AB + *$ where $A=10.6$ $B=6.2$ and $C=8.4$		

**BLDE Association's**  
**S.B Arts & K.C.P Science College, Vijayapur**  
**BSC IV SEM \ 1<sup>st</sup> Internal Test 2022-23 \ Database Management System**  
**Time: 1 Hour** **Max. Marks: 30**

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**Q I Answer any Five of the following** **5 X 2=10**

1. What is meant by DBMS?
2. Define Data Model
3. What is meant by Interface?
4. Different between strong entity and weak entity
5. What is meant by Construct?
6. Define Entity & Attribute

**Q II Answer any Two of the following** **2 X 5=10**

7. What are the characteristics of DBMS
8. Draw ER diagram of Company
9. What is ER Model and why we use ER diagram in DBMS

**Q III Answer any Two of the following** **2 X 5=10**

10. Illustrate on Database User
11. List out different types of key attributes & explain them with example
12. What is meant by Database Architecture? Explain their types

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Department of Computer Science  
First Internal Test for B.Sc VI Semester – 2022-23**

**Subject: Web Technology (Paper I)**

**Max Marks 20**

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**Answer any five questions**

**(5x4=20)**

- 1) Explain the structure of an HTML document.
- 2) Describe the difference between block-level and inline elements in HTML..
- 3) Explain the purpose of the <meta> tag in HTML..
- 4) What are the different types of lists in HTML, and how do you create them?
- 5) Explain the concept of callback functions in JavaScript and provide an example of their usage.
- 6) Explain the concept of event handling in JavaScript and provide an example.

BLDE Association's  
S.B Arts & K.C.P Science College, Vijayapur  
First Internal Test 2022-23  
Python Programming (Elective)

Class :BSC VI SEM  
Time : 1 hour

Course Code : CPSDSET6.2A  
Max. Marks:20

**Answer any Two of the following**

**(2x2=4)**

- |    |                                      |
|----|--------------------------------------|
| Q1 | What are identifiers in python?      |
| Q2 | What are local variables?            |
| Q3 | What are lambda functions in Python? |
| Q4 | Define Comment with example          |
| Q5 | Write the syntax of for loop.        |
| Q6 | What is a dictionary in Python?      |

**Answer any One of the following**

**(6x1=6)**

- |    |   |
|----|---|
| Q1 | Define Recursion. Python program to find the factorial of a number using recursion      |
| Q2 | Explain String Repetition Operator, Membership operator and slice operator with example |
| Q3 | Define Tuple. Create a tuple using tuple() constructor.                                 |

**Answer any One of the following**

**(10x1=10)**

- |    |   |
|----|---|
| Q1 | Describe the syntax for the following built-in functions<br>a) Max()   b) pow()   c) len()   d) sqrt( ) |
| Q2 | What is a loop? Explain different looping statement in Python   |
| Q3 | Explain different types of operators in Python in detail  |



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**BSC VI SEM I<sup>st</sup> Internal Test 2022-23**  
**Cyber Laws**

**Time: 1 Hour**

**Max. Marks: 10**

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**Q I Answer any TWO of the following**

**2 X 5=10**

1. What is meant by Cyber Laws? Write their advantage and disadvantage
2. Define E-Commerce. What are the keys related to e-commerce of cyber laws
3. Difference between Cyber space vs Physical space
4. Explain Scope of Cyber Laws

BLDEA's  
S.B. Arts and K.C.P. Science College, Vijayapur  
**First Internal Test for BA –II Semester for the year 2022-23**  
**Skill Enhancement Course – Digital Fluency**

Time : 1 hour

Date:14/7/2023

Max. Marks:25

1. Who is father of Computer?  
a) James Gosling b) Charles Babbage c) Dennis Ritchie d) Bjane Stroustup
2. What is the full form CPU?  
a) Computer Processing Unit b) Computer Principle Unit  
c) Central Processing Unit d) Control Processing Unit
3. Which of the following language does the computer understand  
a) Computer understands only C language b) Computer understands only Assembly language  
c) Computer understands only Binary language d) Computer understands only Basic
4. Which of the following is the brain of the computer?  
a) Central Processing Unit b) Memory c) Arithmetic and Logic Unit d) Control Unit
5. Which of the following is not a part of a Computer System?  
a) Monitor b) Keyboard c) Printer d) Telephone
6. What is an Operating System?  
a) interface between the hardware and application programs  
b) collection of programs that manages hardware resources  
c) system service provider to the application programs  
d) all of the above
7. Which of the following is an input device?  
a) Printer b) Monitor c) Mouse d) Speaker
8. What is the function of a CPU?  
a) To process data b) To store data c) To display data d) To input data
9. Which of the following is a type of storage device for a computer?  
a) Mouse b) Keyboard c) Hard drive d) Monitor
10. Which operating is designed specifically for mobile devices such as smartphones and tablets?  
a) windows b) Android c) MacOS d) Linux
11. Which of the following is the smallest unit of data in a computer?  
a) Byte b) Bit c) Nibble d) Kilobyte
12. Which generation is based on VLSI technology?  
a) First Generation b) Second Generation c) Third Generation d) Fourth Generation
13. Which of the following computer memory is faster?  
a) Register b) ROM c) RAM d) Hard disk
14. Data in \_\_\_\_\_ bytes size is called Big Data.  
a) Tera b) Giga c) Peta d) Meta
15. Google Docs is similar to which of the following application?  
a) Microsoft Outlook b) Microsoft Word c) Text Document d) Microsoft Excel

P.T.O

16. \_\_\_\_\_ is a cloud based storage service which is developed by Google?

- a) Google Docs b) Google Drive c) Google Chrome d) Google Slides

17. Expand "UNIAC"

- a) United Account b) Universal Account  
c) Universal Automatic Computer d) Unique Automated Computer

18. Which of the following is a secondary storage device?

- a) Read only Memory b) Random Access Memory c) Hard disk d) Flash Memory

19. AI stands for

- a) Artificial Intelligence b) Art of Intelligence c) All Intelligence d) Actual Intelligence

20. Applications of AI are \_\_\_\_

- a) Smartphone Face Lock b) Email Spam Detection c) Chatbots d) All

21. Example of AI chatbots \_\_\_\_\_

- a) Alexa b) Siri c) Both a & b d) None

22. Types of Machine Learning methods are

- a) Supervised b) Unsupervised c) Semi-supervised d) All

23. Expand IoT

- a) Industrial of Things b) International of Things c) Insect of Things d) Internet of Things

24. The process of analyzing large amount of data is known as

- a) Large data analytics b) Huge data analytics c) Big Data d) None of the above

25. Examples of Smart Devices

- a) Smart Phone b) Self driving cars c) Smart watch d) All of them

BLDEA's  
S.B. Arts and K.C.P. Science College, Vijayapur  
**First Internal Test for BSc –IV Sem for the year 2022-23**  
**Skill Enhancement Course – Artificial Intelligence**

Time : 1 hour

Max. Marks:20

Date:

1. AI stands for  
a) Artificial Intelligence b) Art of Intelligence c) All Intelligence d) Actual Intelligence
2. What is Artificial Intelligence?  
a) Artificial Intelligence is a field that aims to make humans more intelligent  
b) Artificial Intelligence is a field that aims to improve the security  
c) Artificial Intelligence is a field that aims to develop intelligent machines  
d) Artificial Intelligence is a field that aims to mine the data
3. The capacity of software to interpret the world visually through cameras, videos, and images  
a) Machine Learning  
b) Anomaly detection  
c) Computer Vision  
d) None of the above
4. A traffic monitoring solution to identify the location of different classes of vehicle. Is example of  
a) Object detection b) Image Classification c) Natural Language Processing d) All of them
5. Who is the inventor of Artificial Intelligence?  
a) Geoffrey Hinton b) Andrew Ng c) John McCarthy d) Jurgen Schmidhuber
6. Which of the following is an application of Artificial Intelligence?  
a) It helps to exploit vulnerabilities to secure the firm  
b) Language understanding and problem-solving (Text analytics and NLP)  
c) Easy to create a website  
d) It helps to deploy applications on the cloud
7. In college office daily attendance through Biometric machine is an example of which of the following?  
a) Face Detection b) Image Classification c) Natural Language Processing d) All of them
8. Which of the following technique extracts information from scanned documents such as letters, invoices or forms?  
a) OCR b) OMR c) OTR d) None of them
9. A predictive app provides audio output for visually impaired users. Which principle of Responsible AI is reflected here?  
a) Transparency b) inclusiveness c) Fairness d) Accountability
10. If system is trained by labeling the objects is called  
a) Supervised ML b) Unsupervised ML c) Self-Learning d) None of Them
11. What are the main features and capabilities of Machine Learning?  
a) Pipelines b) Automated machine learning c) Azure machine learning designer d) All



12. AI applications to "see" the world and make sense of it  
a) Computer Vision b) Real time vision c) Machine vision d) None
13. Which of the following is an example of natural language processing (NLP)?  
a) Facial recognition b) Speech recognition c) Image classification d) Sensor data analysis
14. You are designing an AI application that uses images to detect cracks in car windshields and warn drivers when a windshield should be repaired or replaced. What AI workload is described?  
a) Computer Vision b) Anomaly Detection c) NLP d) All of them
15. Which of the following are the 5 big ideas of AI  
a) Perception b) Human – AI Interaction c) Societal impact d) all of them
16. You want to use the Computer Vision service to analyze images. You also want to use the Language service to analyze text. You want developers to require only one key and endpoint to access all of your services. What kind of resource should you create in your Azure subscription?  
a) Computer Vision b) Cognitive Services c) Natural language Processing d) None
17. When might you see NaN returned for a score in Language Detection?  
a) When the score calculated by the service is outside the range of 0 to 1  
b) When the predominant language in the text is mixed with other languages  
c) When the language is ambiguous  
d) When the document is negative
18. You need to build an app that will read recipe instructions aloud to support users who have reduced vision. Which service should you use?  
a) Text Analytics b) Translator Text c) Speech d) Language Understanding
19. Which of the following is a component of Artificial Intelligence?  
a) Learning b) Training c) Designing d) Puzzling
20. Based on which of the following parameter Artificial Intelligence is categorized?  
a) Based on functionality only b) Based on capability only  
c) Based on capabilities and functionality d) It is not categorized

**B. L. D. E. Association's**  
**S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR**  
**DEPARTMENT OF COMPUTER SCIENCE**

**Second Internal Assessment Aug-2023**

<b>Semester: II</b>	<b>Subject: Data Structures using C</b>	<b>Code: 21BSC2C2CS2L</b>
<b>Date: 25/08/2023</b>	<b>Time: 10.00 to 11.00</b>	<b>Max. Marks: 30</b>
<b>Q. No. 1.</b>	<b>Answer any five of the following Questions.</b>	<b>2×5=10</b>
a)	What is the use of sizeof and free functions?	
b)	Define static and dynamic memory allocation in data structure?	
c)	List two advantages of linked list over arrays.	
d)	Explain Physical and Logical View of a Linked List ?	
e)	Differentiate between Terminal and Non-Terminal node with an example	
f)	What is a binary heap?	
<b>Q. No II</b>	<b>Answer any Two of the following Questions.</b>	<b>2×5=10</b>
a)	Write a note on Queue?	
b)	Differentiate between Calloc () and Malloc () function?	
c)	How do you insert a node at the beginning of a singly linked list?	
<b>Q. No III</b>	<b>Answer any Two of the following Questions.</b>	<b>2×5=10</b>
a)	Explain Tree Traversal with Example?	
b)	Given the following array of elements: [12, 7, 15, 3, 9, 14, 18], show how these elements would be inserted into a binary search tree.	
c)	Explain the terms degree, siblings of the tree with an example.	



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**DEPARTMENT OF COMPUTER SCIENCE**  
**Second Internal Assessment Aug-2023**

<b>Semester: IV</b>	<b>Subject: DBMS</b>	<b>Code: 21BSC4C2CS2L</b>
<b>Date: 26/08/2023</b>	<b>Time: 1.30 to 2.30pm</b>	<b>Max. Marks: 30</b>
<b>Q. No. 1.</b>	<b>Answer any FIVE of the following Questions.</b>	<b>2×5=10</b>
a)	What is meant by Normalization?	
b)	What is meant by functional dependencies?	
c)	Define Armstrong axioms for FD's?	
d)	Define First Normal Form?	
e)	What is meant by Join Operation?	
f)	Define trigger?	
<b>Q. No II</b>	<b>Answer any TWO of the following Questions.</b>	<b>2×5=10</b>
a)	What are the conditions are required for a relation to be in 2NF, 3NF and BCNF explain with examples.	
b)	Explain the structure of Relational Model	
c)	Describe the Relational Model Constraints	
<b>Q. No III</b>	<b>Answer any TWO of the following Questions.</b>	<b>2×5=10</b>
a)	List out the various Basic Relational Algebra Operations .Explain Unary Relational Operations	
b)	Explain types of Some common Aggregate Functions with example	
c)	Write different Key features and concepts of PL/SQL	

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**DEPARTMENT OF COMPUTER SCIENCE**

**Second Internal Assessment Aug-2023**

<b>Semester: VI</b>	<b>Subject: : Web Technology – P-I</b>	<b>Code: CPSDSEP6.1</b>
<b>Date: 22/08/2023</b>	<b>Time: 12.00pm to 1.00pm</b>	<b>Max. Marks: 20</b>
<b>Q. No. 1.</b>	<b>Answer any Five of the following Questions.</b>	<b>2×5=10</b>
a)	What is JavaScript?	
b)	How can you comment in Java Script?	
c)	What is the purpose of the return statement in a JavaScript function?	
d)	How do you handle errors in JavaScript?	
e)	How do you find the length of a string in JavaScript?	
f)	What is the DOM in JavaScript?	
<b>Q. No II</b>	<b>Answer any Two of the following Questions.</b>	<b>2×5=10</b>
a)	How do you write a conditional statement in JavaScript? Explain	
b)	How do you find the greatest common divisor (GCD) of two numbers in JavaScript?	
c)	What is the difference between a statement and an expression in JavaScript?	

**B. L. D. E. Association's**  
**S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**Second Internal Assessment Aug-2023**

<b>Semester: VI</b>	<b>Subject: Python Programming (Elective)</b>	<b>Code: CPSDSET6.2A</b>
<b>Date: 25/08/2023</b>	<b>Time: 3.00 to 4.00</b>	<b>Max. Marks: 20</b>
<b>Q. No. 1.</b>	<b>Answer any Two of the following Questions.</b>	<b>2×5=10</b>
a)	Define Class and Object?	
b)	What is an Instance Variable in python?	
c)	Define GUI	
d)	Define Event with syntax	
e)	What do you mean by Metacharacters?	
f)	What are mutable and Immutable Objects?	
<b>Q. No II</b>	<b>Answer any Two of the following Questions.</b>	<b>2×5=10</b>
a)	How do you handle an exception using try except block? Explain with example	
b)	Write a program to demonstrate Regular Expression methods.	
c)	Write a Python Program to create a window with student registration form using different widgets	
d)	What is the need of Tkinter module in python? Explain any two widgets of Python.	

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**Second Internal Assessment Aug-2023**

Semester: VI	Subject: Cyber Laws (SEC)	Code: CPSSECT6.3
Date: 26/08/2023	Time: 3.00 to 4.00pm	Max. Marks: 10
Q. No. 1.	<b>Answer any Two of the following Questions.</b>	<b>2×5=10</b>
a)	Explain Copyright issues in Cyberspace	
b)	List out various key aspects related to e-contract in cyber laws	
c)	Explain briefly about Cyber contravention & Cyber offences	
d)	What are the ideas of cyber hacking to protect the system	

BLDEA's  
S.B. Arts and K.C.P. Science College, Vijayapur  
**Second Internal Test for BA –II Semester for the year 2022-23**  
**Skill Enhancement Course – Digital Fluency**

Time : 1 hour  
Date:26/8/2023

Max. Marks:25

1. Which is the best application of AI in the healthcare sector?  
a) image analysis    b) robotic surgery    c) clinical decision support    d) All
2. AI applications to "see" the world and make sense of it  
a) Computer Vision    b) Real time vision    c) Machine vision    d) None
3. Which of the following is an example of natural language processing (NLP)?  
a) Facial recognition    b) Speech recognition    c) Image classification    d) Sensor data analysis
4. Applications of IoT are  
a) Smart Home    b) Industrial IoT    c) Wearable Devices    d) All of them
5. The characteristics of the computer system capable of thinking, reasoning and learning is known is  
a) Machine Intelligence    b) Human Intelligence    c) Artificial Intelligence    d) Virtual Intelligence
6. Advantages of Big Data are \_\_\_\_\_.  
a) Big data analysis derives innovative solutions.  
b) Big data analysis helps in understanding and targeting customers.  
c) It helps in optimizing business processes.  
d) All of the above
7. Which of them are Google Apps following is an input device?  
a) Google Form    b) Google Doc    c) Google Sheet    d) All of them
8. Expand SWAYAM  
a) Student Webs of Active-Learning for young Aspiring Minds  
b) Study Webs of Active-Learning for Young Aspiring Minds  
c) Study Webs of Active-Learning for Youth Aspiring Minds  
d) Study Webs of Active-Learning for Young Aspiring Mission
9. Which of the following are types of E-Commerce  
a) B2C    b) B2B    c) Both a) & b)    d) B2A
10. Expand EFT  
a) Electrical Fund Transfer    b) Electronic Funds Transfer  
c) Electronic Funds Transaction    d) None of them
11. Cyber Security is essential in the field of  
a) Military    b) Hospitals    c) Large Corporation    d) All
12. Microsoft word is \_\_\_\_ software.  
a) Application    b) Compiler    c) System    d) None
13. Which of the following is an example of page orientation?  
a) Landscape    b) Subscript    c) Superscript    d) A4
14. Formatting is performed on  
a) Text    b) Table    c) Menu    d) Both (a) & (b)

P.T.O.



**15. Which enables us to send the same letter to different people?**

- a) Macros    b) Template    c) Mail Merge    d) None of them

**16. Google Sheet is similar to which of the following application?**

- a) Microsoft Outlook    b) Microsoft Word    c) Text Document    d) Microsoft Excel

**17. How Cells are named in MS Excel?**

- a) Alphabetically    b) Numerically    c) Alphanumerically    d) Special Character

**18. What is the maximum limit of rows in MS Excel 2010?**

- a) 1084567    b) 1048567  
c) 1048576    d) 1084576

**19. Which symbol is used to execute formula in MS Excel**

- a) \$    b) =    c) ==    d) %

**20. How does the single element in a worksheet known as in Excel?**

- a) Cell    b) Column    c) Range    d) Row

**21. Which function is used to add the values in a range?**

- a) Count( )    b) Sum( )    c) ABS( )    d) Sumif( )

**22. Which function in Excel is used to find the biggest value in a range?**

- a) Ceiling    b) DMAX    c) LEN    d) MAX

**23. Companies like Flipkart, Amazon and Myntra belong to which type of Ecommerce (EC) segment**

- a) B2B    b) B2C    c) C2B    d) None

**24. In MS Word which of the following is not a font style?**

- a) Bold    b) Italic    c) Superscript    d) None of them

**25. PowerPoint is best described as?**

- a) A Presentation Software    b) Publishing Software  
c) A Documentation Software    d) None of the above



BLDEA's  
S.B. Arts and K.C.P. Science College, Vijayapur  
**Second Internal Test for BSc –IV Sem for the year 2022-23**  
**Skill Enhancement Course – Artificial Intelligence**

Time : 1 hour

Date:

Max. Marks : 20 Marks

- 
1. **What is meant by seasonal data?**
    - a) Data based on the time or year it was recorded
    - b) How far apart the values are by default for each recorded period.
    - c) Data occurring at t Regular intervals
    - d) Data recorded at the time of ancient
  2. **You can extract information printed on food product labels by using \_\_\_\_\_**
    - a) Image Classification      b) Natural Language processing
    - c) Optical Character Recognition      d) Image Segmentation
  3. **What is Power BI?**
    - a) A business analytics tool      b) A database management system
    - c) A project management software      d) A graphic design tool
  4. **Which of the following is a data visualization feature in Power BI?**
    - a) Charts      b) Word processing      c) Video editing      d) Animation
  5. **Which programming language is used to create custom visuals in Power BI?**
    - a) Python      b) C#      c) Java      d) R
  6. **Which of the following is NOT a data source that can be used in Power BI?**
    - a) Excel spreadsheets      b) JSON files      c) Oracle databases      d) Adobe Photoshop files
  7. **Which of the following is a visualization option in Power BI?**
    - a) Pivot table      b) Histogram      c) Bubble chart      d) All of the above
  8. **Which of the following is a way to filter data in Power BI?**
    - a) Slicer      b) Histogram      c) Scatter plot      d) Line chart
  9. **What is the purpose of Power Query in Power BI?**
    - a) To import, transform, and combine data from various sources
    - b) To create custom visuals for data visualization
    - c) To analyze and visualize data
    - d) To create and manage data models
  10. **What is the purpose of Power Pivot in Power BI?**
    - a) To import and transform data from various sources      b) To create and manage data models
    - c) To analyze and visualize data      d) To share reports and dashboards with other users
  11. **Which of the following is a way to create a new measure in Power BI?**
    - a) Using DAX formula language      b) Using SQL query language
    - c) Using Python programming language      d) Using JavaScript programming language

**12. What is the purpose of the Q&A feature in Power BI?**

- a) To allow users to ask natural language questions and get answers from data
- b) To create and share reports and dashboards
- c) To analyze and visualize data
- d) To create and manage data models

**13. Generating reports to provide a view of an organization's sales and financial data is example of**

- a) Descriptive data analytics
- b) Diagnostic data analytics
- c) Predictive data analytics
- d) Prescriptive data analytics

**14. Which of the following model help answer questions about what will happen in the future?**

- a) Descriptive data analytics
- b) Diagnostic data analytics
- c) Predictive data analytics
- d) Prescriptive data analytics

**15. What is the abbreviation of PaaS?**

- a) Platform as a service
- b) Programming as a Service
- c) Platform as azure service
- d) Programming as azure Service

**16. You can exchange chatbot activities with other services by implementing \_\_\_\_\_.**

- a) cards
- b) Dialog
- c) Channel
- d) turns

**17. Azure services and VMs belong to which cloud computing models?**

- a) PaaS
- b) IaaS
- c) SaaS
- d) All of them

**18. You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?**

- a) Stacked area chart
- b) line chart
- c) donut chart
- d) waterfall chart

**19. How do you visualize a data?**

- a) By bar chart
- b) By line chart
- c) By pie chart
- d) All of the above

**20. What are the types of relationship that you will find in Power BI?**

- a) One-to-Many
- b) Many-to-one
- c) Many-to-Many
- d) All of the above