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G.T.N. ARTS COLLEGE (AUTONOMOUS)

DINDIGUL – 624 005

(Affiliated to Madurai Kamaraj University)(Accredited by NAAC with 'B' Grade)

END SEMESTER EXAMINATION – NOVEMBER 2021

Programme :BBA & Aviation Management **Date : 04.02.2022**
Course Code: 17CBCA51/19CBCA51 **Time: 10 am. to 1 pm.**
Course Title : Web Design Using HTML **Max Marks :75**

SECTION – A **[5 X 2 = 10]**

Answer ALL the Questions.

1. What is planning a website?
2. What is WWW ?
3. What is HTML ?
4. Write the syntax of frame tag.
5. Write about web audience.

SECTION – B **[5 X 7 = 35]**

Answer ALL the Questions.

6. a) Explain planning process of web design

[OR]

b) Discuss about designing a navigation bar in detail

7. a) Discuss about basic principles involved in creating website

[OR]

b) Explain the concept of web standard in detail.

8. a) Explain about home page layout in detail.

[OR]

b) Explain about types of list in HTML with example.

9. a) Write about heading tag with example.

[OR]

b) How do you work with paragraph. Explain with example.

10. a) Explain the basic structure of HTML document.

[OR]

b) Create simple web page for your department using basic HTML tags.

SECTION – C **[3 X 10 = 30]**

Answer Any THREE Questions.

11. Explain about five golden rules of web designing.
12. Write about internet and WWW indetail.
13. Create web pages using tables and images.
14. Explain about any four form input elements with example
15. Discuss about HTML text formatting elements indetail.

19. Describe about Cohen-Sutherland and Liang-Barsky line clipping algorithm.

20. How will you work with animations and videos in flash? Explain

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END SEMESTER EXAMINATION - NOVEMBER 2021

Programme : B.C.A. **Date : 15.02.2022**

Course Code: 17UCAC32 **Time : 10 am. - 1 pm.**

Course Title : Computer Graphics & Multimedia **Max Marks: 75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions.

Choose the Best Answer.

1. The basic _____ structures are referred to as output primitives.

   [a] data [b] geometric

   [c] design [d] display

2. In circle if (x,y) is outside the circle boundary means the value of fc(x,y) is _____.

   [a] = 0 [b] < 0

   [c] >= 0 [d] > 0

3. A _____ is applied to an object by repositioning it along a straight line path from one coordinate location to another.

   [a] scaling [b] rotation

   [c] translation [d] reflection

4. _____ is a rigid body transformation that moves objects without deformation.

[a] Shear [b] Translation

[c] Scaling [d] Reflection

5. In the following which one is a not edges of the clip window?

[a] yw_{min} [b] xw_{min}

[c] xw_{max} [d] yw_{max}

3. The clipping region used in MLM algorithm is _____.

[a] 4 [b] 2

[c] 3 [d] 1

4. _____ tool allows you to select the foreground or background color of an image.

[a] selection [b] Hand

[c] Eyedropper [d] Move

5. _____ images are resolution dependent.

[a] Bitmap [b] Bit

[c] Gray [d] Vector

6. The region against which an object is to be clipped is called a _____.

[a] drawing window [b] clip window

[c] clip area [d] drawing area

6. Resolution allows you to specify the number of pixels per _____ in the final printed image.

[a] centimeter [b] line

[c] feet [d] inch

SECTION – B **[5 X 7 = 35]**

Answer ALL the Questions.

11. a) Write a note on Computer Aided Design.

[OR]

b) Write the steps in Midpoint Ellipse algorithm.

12. a) Give an account of reflection transformation.

[OR]

b) Explain matrix representations and homogenous coordinates

13. a) Explain in detail about Window-to-Viewport Coordinate transformation.

[OR]

b) Write an algorithm for Sutherland-Hodgeman polygon clipping.

14.a) Explain about Photoshop Interface.

[OR]

b) Write about Layers panel.

15. a) Discuss the various drawing tools used in flash.

[OR]

b) With example, explain shape tweening..

SECTION – C **[3 X 10 = 30]**

Answer Any THREE Questions.

16. Explain in detail about Bresenham's Line Drawing Algorithm.

17. Explain basic 2D transformations with diagram..

18. Explain Sutherland line clipping algorithm with an example.

18. Briefly explain about deadlock avoidance with Dijkstra's Banker's algorithm.

19. Elucidate about SPTF and SATF scheduling.

20. Explain commands for changing file ownership in detail.

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END SEMESTER EXAMINATION - NOVEMBER 2021

Programme : BCA. **Date : 16.02.2022**
Course Code : 17UCAC33 **Time: 10 am. to 1 pm.**
Course Title : Operating System **Max Marks : 75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions.
Choose the Best Answer.

1. Process is _____.

[a] program in high level language [b] contents of main memory

[c] a program in execution [d] a job in secondary memory

2. Kernel is _____.

[a] software which contains core components of operating system

[b] software and hardware packages of operating system

[c] software which monitors the operating system

[d] hardware configurations

3. A semaphore:_____

[a] is a binary mutex

[b] must be accessed from only one process

[c] can be accessed from multiple processes

[d] all the above

4. The wait operation of the Semaphore basically works on the basic _____ system call.

[a] Stop () [b] Block ()

[c] Hold () [d] Wait ()

5. Which one of the following is the deadlock avoidance algorithm?

[a] Banker's algorithm [b] Elevator algorithm

[c] Round-robin algorithm [d] Karn's algorithm

6. Time quantum is defined in_____

[a] Shortest job scheduling algorithm

[b] Round robin Scheduling algorithm

[c] Priority scheduling algorithm

[d] None of the mentioned

7. A swap space can reside in _____.

[a] separate disk partition [b] RAM

[c] Cache [d] ROM

8. The time taken to move the disk arm to the desired cylinder is called the_____

[a] Positing time [b] Random access time

[c] Seek time [d] Rotational latency

9. The first process launched by the linux kernel is_____

[a] Init process [b] Zombie process

[c] batch process [d] boot process

10. Android is licensed under which open source licensing license?

[a] Gnu's GPL [b] Apache/MIT

[c] OSS [d] Sourceforge

SECTION – B **[5 X 7 = 35]**

Answer ALL the Questions.

11. a) Explain networked and distributed operating system.

[OR]

b) Describe about interprocess communication.

12. a) Elaborate the mutual exclusion problem of two threads with its solution in detail

[OR]

b) Explain the Dekker's algorithm for enforcing mutual exculusion between two threads.

13. a) Explain about four necessary conditions for deadlock.

[OR]

b) Discuss about scheduling priorities.

14. a) Discuss FSCAN and N-step SCAN disk scheduling.

[OR]

b) Illustrate LOOK and C-LOOK disk scheduling.

15. a) What is incode block in Linux? and Explain content of incode block.

[OR]

b) Discuss the Three Ownerships of Linux file in detail.

SECTION – C **[3 X 10 = 30]**

Answer Any THREE Questions.

16. Briefly explain about OS Architecture.
17. Write a short note on hardware solutions to the mutual exclusion problem.
    a. Disabling Interrupts b. Test Set Instruction

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END SEMESTER EXAMINATION - NOVEMBER 2021

Programme : B.C.A. **Date : 17.02.2022**
Course Code : 17UCAC34 **Time : 10 am. to 1 pm.**
Course Title : Software Engineering **Max Marks :75**

Section – A **[10 X 1 = 10]**

Answer ALL the Questions.

Choose the Correct Answer.

1. A qualitative assessment of freedom from error is called _____.

[a] Correctness [b] Accuracy

[c] Portability [d] Reliability

2. The effort given for software maintenance is _____ percent

[a] 40% [b] 20%

[c] 60% [d] 10%

3. The most widely used cost estimation technique is _____.

[a] expert judgement [b] delphi method

[c] work break down structure [d] COCOMO

4. COCOMO was proposed by _____.

[a] Brooks [b] Albrenet

[c] Boehm [d] Norden

5. Which of the following property does not correspond to a good software requirement specification.

[a] Verifiable [b] Ambiguous

[c] Complete [d] Traceable

6. _____specification is a formal description of valid behaviors of a system.

[a] Gist [b] PSL

[c] SADT [d] SSA

7. In Data flow diagrams, _____ represent processing elements.

[a] nodes [b] arcs

[c] trees [d] graph

8. Which tools used to design a software _____

[a] Cocomo [b] structured chart

[c] system definition [d] state orientation table

9. ”Are we building the product right?”- This term refers to _____.

[a] verification [b] validation

[c] assurance [d] testing

10. _____ test demonstrates the implemented system satisfies its requirements.

[a] Smoke [b] Acceptance

[c] Regression [d] Beta

Section – B **[5 X 7 = 35]**

Answer ALL the Questions.

11. a) Define software engineering. What are its goals?

[OR]

b) How do you plan a software project?

12. a) Explain COCOMO cost model.

[OR]

b) Briefly explain the product complexity of software cost factors.

13. a) Give an account on relational notations.

[OR]

b) Explain about state oriented notations.

14. a) Write the types of coupling and cohesion.

[OR]

b) Illustrate Jackson Structured Programming.

15. a) Write short notes on Equality Assurance.

[OR]

b) Explain the managerial aspects of software maintenance

Section – C **[3 X 10 = 30]**

Answer any THREE Questions.

16. How will you plan an organizational structure? Explain.

17. Explain the factors that influence the cost of a software product..

18. What are the notations used to specify the formal specification techniques of software?

19. Write a detailed study on fundamental design concepts.

20. Illustrate on managerial aspects of software maintenance.

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END SEMESTER EXAMINATION – NOVEMBER 2021

Programme : B.C.A. **Date : 05.02.2022**
Course Code: 17UCAC51 **Time : 10 am. to 1 pm**
Course Title: Dot Net Programming **Max. Marks :75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions.

Choose the Correct Answer.

1. C# treats the multiple catch statements like cases in a _____ statement.

[a] If [b] Switch

[c] For [d] While

2. Which of the following is/are not types of arrays in C#?

[a] Single Dimensional [b] Multidimensional

[c] Jazzed Array [d] Jagged Array

3. A variable declared inside a method is called a _____variable.

[a] static [b] private

[c] local [d] serial

4. A method _____ an exception when that method detects that a problem has occured.

[a] trys [b] catches

[c] throws [d] (a) and (b)

5. _____ is not an access modifier.

[a] Public [b] Private

[c] Protect [d] Internal

6. Input can be read from the user using _____ method.

[a] read [b] text

[c] get [d] getdata

7. Which of the following is the root of the .NET type hierarchy?

[a] System.Object [b] System.Base

[c] System.Root [d] System.Parent

8. In Microsoft Visual Studio, _____ technology and a programming language such as C# is used to create a web based application.

[a] JAVA [b] J#

[c] VB.NET [d] ASP.NET

9. The _____ are the Graphical User Interface (GUI) components created for web based interactions.

[a] Web Forms [b] Window Forms

[c] Application Forms [d] Status Forms

10. Which of the following is the same as the code window?

[a] Procedure [b] Debug

[c] Object [d] Form

SECTION – B **[5 X 7 = 35]**

Answer ALL the Questions.

11. a) Write short notes on Namespace in C# with example.

[OR]

b) How Splitter control is added in C# form? Give an example.

12. a) Brief about the data types in C#. Give examples.

[OR]

b) Brief on struct in C#. Give its importance.

13. a) Explain graphics class in C#. Illustrate with an example.

[OR]

b) Write short note on MDI in C#. Give an example.

14. a) Write short note on command object of ADO.NET with its methods.

[OR]

b) Create a database program using C# and MS-Access for bank DB.

15. a) Explain the session object in ASP.NET. Give an example.

[OR]

b) What is IsPostBack in ASP.NET? Give an example.

SECTION – C **[3 X 10 = 30]**

Answer Any THREE Questions.

16. Write in detail on Check and Combo Box in C#. Give examples.
17. Discuss on Do and For Loop with example.
18. How to handle Exceptions in C#? Give examples.
19. Explain about the Data adapter Object in ADO.NET.
20. Write in detail about ADO .NET Objects with example.

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END SEMESTER EXAMINATION – NOVEMBER 2021

Programme: B.C.A. **Date: 07.02.2022**
Course Code: 17UCAC52 **Time: 10 am. to 1 pm.**
Course Title : PHP and Javascript **Max. Marks :75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions.

Choose the Correct Answer.

1. Which of the following is the correct way of defining a variable in PHP?

[a] $variable name = value; [b] $variable_name = value;

[c] $variable_name = value [d] $variable name as value;

2. Which of the below symbols is a newline character?

[a] \r [b] \n

[c] /n [d] /r

3. PHP's numerically indexed array begin with position _____.

[a] 1 [b] 2

[c] 0 [d] -1

4. The numeric type in PHP is integer and _____.

[a] strings [b] single-precisions

[c] unsigned short integer [d] double

5. When a session is active, PHP provides a special constant called _____.

[a] SID [b] CID

[c] DID [d] FID

6. If the directive session.cookielifetime is set to 3600, the cookie will live until _____.

[a] 3600 sec [b] 3600 min

[c] the browser is restarted [d] 3600 Hrs

7. The URL property belongs to which of the following object?

[a] Document [b] Element

[c] Location [d] Event

8. What is mean by "this" keyword in JavaScript?

[a] It refers to current object [b] It refers to variables

[c] It refers to previous object [d] It refers to constants

9. Which of the following is the correct statement for comment in JavaScript?

[a] /*This is a comment*/ [b] $This is a comment$

[c] //This is a comment [d] \\This is a comment

10. Which tag is used to write the JavaScript code?

[a] <script> [b] <sp>

[c] <javascript> [d] <java>

SECTION – B [5 X 7 = 35]

Answer ALL the Questions.

11. a) Summarize the unique features of PHP.

[OR]

b) Classify the data types in PHP.

12. a) Summarize the conditional statements in PHP.

[OR]

b) Discuss about working with dates and times in PHP.

13. a) Explain about user-defined function in PHP.

[OR]

b) Illustrate the working with cookies in PHP.

14. a) Describe about Object Structures.

[OR]

b) List down any seven properties of the Document Object.

15. a) Write a note one resizeBy() and resizeTo() methods.

[OR]

b) Distinguish between String Object and String literal.

SECTION – C [3 X 10 = 30]

Answer Any THREE Questions.

16. Discuss about storing data in variables.
17. Write a PHP program to find the prime numbers from the series of numbers.
18. Summarize the advanced OOP concepts in PHP.
19. Explain in detail about predefined JavaScript objects.
20. Illustrate the methods of the window object.

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END SEMESTER EXAMINATION – NOVEMBER 2021

Programme : B.C.A. **Date : 08.02.2022**
Course Code: 17UCAE51 **Time: 10 am. to 1 pm.**
Course Title : Data Mining **Max. Marks :75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions.

Choose the Correct Answer.

1. Customers have lifetime value, not just the value of a single _____.

[a] sale [b] deed

[c] point [d] purchase

2. In apriori algorithm, if n is the length of the longest itemset, then _____ scans are required.

[a] n-1 [b] n

[c] n+1 [d] n^2

3. Expand ODS.

[a] Operational Data Storage [b] Optical Data Store

[c] Operational Data Store [d] Optical Data Storage

4. Data warehousing is a process of assembling and managing _____ from various sources.

[a] information [b] data

[c] details [d] records

5. Classification is the ordering of objects into _____.

[a] labels [b] mart

[c] packs [d] classes

6. Decision tree results in a _____ like tree structure.

[a] flow-chart [b] graph

[c] topology [d] network

7. AutoClass is a _____Bayesian classification system.

[a] unsupervised [b] supervised

[c] distance-based [d] grid-based

8. In cluster analysis no _____ data is available.

[a] training [b] test

[c] sample [d] bulk

9. There are _____ principles to design and structure the content of a web site.

[a] two [b] three

[c] four [d] five

10. Logical data analysis has been investigated using _____ rules.

[a] decision [b] class`

[c] association [d] cluster

SECTION – B **[5 X 7 = 35]**

Answer ALL the Questions.

11. a) Outline the FP tree generation algorithm.

[OR]

b) Explore the techniques of data mining.

12. a) Highlight the characteristics of OLAP systems.

[OR]

b) Describe the design of data warehouse.

13. a) Design a decision tree and perform overfitting and pruning.

[OR]

b) How do you improve the accuracy of classification methods?

14. a) Write a note on the types of data.

[OR]

b) Give a brief account on various cluster methods.

15. a) Categorize the types of web mining.

[OR]

b) Discuss the components of web.

SECTION – C **[3 X 10 = 30]**

Answer Any THREE Questions.

16. Explain the different data mining softwares.
17. Discuss in detail about operational data stores.
18. Illustrate the Naïve Bayes method.
19. Elucidate the hierarchical methods.
20. Explicate web structure mining

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END SEMESTER EXAMINATION – NOVEMBER 2021

Programme : B.C.A. **Date : 08.02.2022**
Course Code: 17UCAE52 **Time: 10 am. to 1 pm.**
Course Title : Digital Image Processing **Max. Marks :75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions.

Choose the Correct Answer.

1. _____ is used to denote the elements of digital image.

[a] elements [b] pixels

[c] monitor [d] output

2. The image acquisition stage involves pre processing called_____.

[a] scaling [b] processing

[c] transferring [d] rotating

3. The front of the iris contains the _____ pigment of the eye.

[a] black [b] blind

[c]white [d] visible

4. Digitizing the coordinate values is called _____.

[a] scaling [b] processing

[c] transferring [d] sampling

5. The gray level in an image as random variables in the intervals_____.

[a] 1,2 [b] 0,1

[c] 1,0 [d] 2,1

6. The _____ is the method used to generate a processed image that has a specified histogram.

[a] Histogram Matching [b] Histograms Specification

[c] Histograms Analysis [d] Histograms Sampling

7. In the factors affecting the resulting image in CCD camera_____.

[a] Sensor [b] Light

[c] Luminance [d] Wave length

8. Rayleigh density can be used to skewed the _____

[a] colors [b] histograms

[c] gamma [d] impulse

9. _____ is the total amount of energy that flows from the light source.

[a] Transience [b] Radiance

[c] Rotation [d] Transformation

10. _____ image processing consists of assigning colors to gray values.

[a] Pseudo code [b] Pseudo Method

[c] Pseudocolor [d] Plain Color

SECTION – B [5 X 7 = 35]

Answer ALL the Questions.

11. a) Illustrate the use of image processing in the microwave band.

[OR]

b) Write note on the origins of digital image processing.

12. a) How an image formation occurred in the eye.

[OR]

b) How the zooming and shrinking process can be done in digital images.

13. a) Evaluate histogram equalization.

[OR]

b) Write the procedure for histogram matching.

14. a) Explain the importance of noise probability density function.

[OR]

b) Explain the exponential noise.

15. a) Write short notes on color fundamentals.

[OR]

b) Explain CMYK color model.

SECTION – C [3 X 10 = 30]

Answer Any THREE Questions.

16. Demonstrate about fundamental steps in digital image processing.

17. Explain about image sensing and acquisition.

18. Explain any two gray level transformations in DIP.

19. Demonstrate the following.

i) Rayleigh

ii) Gamma

20. Discuss about the gray level to color transformation.

15. a) Write short notes on search engines.

[OR]

b) Explain about web multimedia.

SECTION – C **[3 X 10 = 30]**

Answer Any THREE Questions

16. Explain about Information Technology in various fields.
17. Discuss about the anatomy of a computer
18. Discuss the applications of Information Technology in Science and Engineering.
19. Discuss about interfaces and OS
20. How will you browse and locate information on the web?

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END SEMESTER EXAMINATIONS - NOVEMBER 2021

Programme : I B.Com (CA) **Date : 22.02.2022**
Course Code: 17UCAN11 **Time : 10 am. to 1 pm.**
Course Title : Introduction to IT **Max Marks: 75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions

Choose the Best Answer

1. Software guides _____ in the performance of its duties.

[a] Data [b] GPS

[c] Hardware [d] CPU

2. Information technology can _____.

[a] process raw data

[b] recycle processed information and use it as data in another processing step

[c] package information so it is easier to understand more attractive or more useful

[d] All the above

3. The smallest computer (in size) is most likely called a _____.

[a] Mainframe computer [b] Server

[c] Notebook computer [d] Handhold ,palm-top

4. Terminals have only a screen and a _____ and the electronics that allow them to communicate with the computer.

[a] Keyboard [b] Motherboard

[c] Processor [d] CPU

5. On the keyboard, the key you press to finalize a command or entry is _____

[a] enter [b] control

[c] escape [d] all the above

6. _____ are used for weather forecasting, automotive design, and movie special effects.

[a] Mini Computer [b] Super Computer

[c] Main Frame Computer [d] Micro Computer

7. _____ uses icons, buttons and pull down menus to execute commands.

[a] GUI [b] CUI

[c] DOS [d] LINUX

8. _____ means the computer can run more than one program at the same time.

[a] Multitasking [b] Multiuser

[c] Multithreading [d] Multiprocessor

9. The language used for formatting a web page is called _____.

[a] HTML [b] HTTP

[c] XML [d] CSS

10. The index of a word in a search engine is compiled by a software program called a _____.

[a] Spider [b] File

[c] Document [d] Keyword

SECTION – B **[5 X 7 = 35]**

Answer ALL the Questions

11. a) Write short notes on Information System.

[OR]

b) Describe about computers in hiding.

12. a) Discuss about the types of computers.

[OR]

b) Discuss about RAM.

13. a) List out the pointing devices in detail.

[OR]

b) Explain about Laser printers

14. a) Describe about user interfaces.

[OR]

b) What are the major software issues?

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END SEMESTER EXAMINATION – NOVEMBER 2021

Programme : B.Com (C.A.) **Date : 22.02.2022**
Course Code: 17UCAN21 **Time : 2 pm. to 5 pm.**
Course Title : Introduction to HTML **Max Marks :75**

SECTION – A **[10 X 1 = 10]**

Answer ALL the Questions.
Choose the Correct Answer.

1. The information in World Wide Web is identified by _____.

   [a] URL [b] Hyperlink

   [c] IP Address [d] Address

2. _____ is a malicious software program.

   [a] Operating System [b] Software

   [c] Timed [d] Virus

3. To highlight the text using _____ tag.

   [a] <u> [b] <i>

   [c] <b> [d] <p>

4. How can you make an e-mail link?

   [a] <mail href+"xxx@y.com"> [b] <a href="xxx@y.com">

   [c] <a href="mail to: xxx@y.com"> [d] Both (b) and (c)

5. <img> tags is used for _____ images.

[a] linking [b] deleting

[c] Updating [d] adding

6. alt in <img> tag is used for -_____ image.

[a] alternate [b] although

[c] altimate [d] alter

7. To make a graphic into a hyperlink enclose it in _____ tag.

[a] <link> [b] <a>

[c] <img src> [d] <image>

8. _____ tag is used to enter data to the table.

[a] <tr> [b] <th>

[c] <td> [d] <tl>

9. A frame is identified using the _____ attribute of the <frame> tag.

[a] name [b] id

[c] src [d] cls

10. To add extra element in the video tag use_____.

[a] embed [b] autoplay

[c] src [d] controls

SECTION – B **[5 X 7 = 35]**

Answer ALL the Questions.

11. a) Describe briefly about meta search engines.

[OR]

b) Discuss about FTP.

12. a) Explain the structure of HTML.

[OR]

b) Illustrate with how to set background in the webpage

13. a) Illustrate with <img> tag.

[OR]

b) How to control an image size in HTML?

14. a) How to include alternate text to a picture?

[OR]

b) Write short notes on text-based navigation bar.

15. a) How to get input to the user forms?

[OR]

b) How to incorporate audio in the web site?

SECTION – C **[3 X 10 = 30]**

Answer any THREE Questions.

16. Briefly explain about web writing styles.

17. Eluciadate how lists are used in HTML?

18. How to add graphics in your webpage?

19. Write a html program illustrating to create a simple table.

20. Illustrate with <FRAME> tag.

b) Write a note on socio-political awareness.

ஆ) சமூக – அரசியல் விழிப்புணர்வு குறித்து ஒரு குறிப்பு எழுதுக.

14. a) Explain the term 'Honesty'.

அ)'நேர்மை' என்ற வார்த்தையை விளக்குக.

[OR]

b) Why should we respect others? Explain.

ஆ) நாம் ஏன் மற்றவர்களை மதிக்க வேண்டும்? விளக்குக.

15. a) Explain the important values created by family.

அ) குடும்பத்தால் உருவாக்கப்பட்ட முக்கியமான மதிப்புகளை விளக்குக.

[OR]

b) Explain the role of mass media in value formation.

ஆ) மதிப்பு உருவாக்கத்தில் ஊடகங்களின் பங்கை பற்றி விளக்குக.

SECTION – C [3 X 10 = 30]

Answer Any THREE Questions.

16. Explain the need for value education in detail.

மதிப்புக்கல்வியின் அவசியத்தைப் பற்றி விரிவாக விளக்குக.

17. Discuss about moral values of Hinduism and Karma yoga.

இந்து மதம் மற்றும் கர்ம யோகத்தின் தார்மீக மதிப்புகளை பற்றி விவாதிக்கவும்.

18. Write about Secularism and Socialism.

மதசார்பின்மை மற்றும் பொது உடைமை பற்றி எழுதுக.

19. Discuss the various aspects of team spirit and competence development

கூட்டு முயற்சி மற்றும் திறன் வளர்ச்சியின் பல்வேறு அம்சங்களைப் பற்றி விவாதிக்கவும்.

20. Describe how values can be promoted through educational institutions.

கல்வி நிறுவனங்கள் மூலம் மதிப்புகளை எவ்வாறு மேம்படுத்தலாம் என்பதை விவரிக்கவும்.

Reg. No: | | | | | | | | | |

G.T.N. ARTS COLLEGE (AUTONOMOUS)

DINDIGUL – 624 005

(Affiliated to Madurai Kamaraj University)

(Accredited by NAAC with 'B' Grade)

END SEMESTER EXAMINATIONS – NOVEMBER 2021

Programme: All Final Year Students **Date: 04.03.2022**

Course Code: 17UVEV61 **Time: 2 pm – 5 pm**

Course Title : Value Education **Max. Marks: 75**

SECTION – A [10 X 1 = 10]

Answer ALL the Questions.

Choose the Correct Answer.

1. Taking care of personal possessions and public property for proper use is called ___ values.

[a] Physical [b] Mental

[c] Social [d] Material

முறையான பயன்பாட்டிற்காக தனிப்பட்ட உடைமைகள் மற்றும் பொது சொத்துக்களை கவனித்துக் கொள்வது ------- மதிப்புகள் என்று அழைக்கப்படுகிறது.

[அ] உடல் [ஆ] மன

[இ] சமூக [ஈ] பொருள்

2. ____ means feeling of pity for the suffering of others.

[a] Compassion [b] Forgiveness

[c] Honesty [d] Courage

-------- என்பது மற்றவர்களின் துன்பங்களுக்காக பரிதாபப்படுவதாகும்.

[அ] இரக்கம் [ஆ] மன்னிப்பு

[இ] நேர்மை [ஈ] தைரியம்

3. ____ is the householder's stage in the life of a Hindu.

[a] Brahmacharya [b] Grihastha

[c] Vanaprastha [d] Sanyasa

--------- என்பது ஒரு இந்துவின் வாழ்க்கையில் வீட்டு உரிமையாளரின் நிலையாகும்.

[அ] பிரம்மச்சாரியா [ஆ] கிரிஹஸ்தா

[இ] வனப்பிரஸ்தா [ஈ] சன்யாசா

4. Who is the founder of Buddhism?

[a] Muhammad [b] Jesus Christ

[c] Gandhiji [d] Siddhartha

புத்த மதத்தை நிறுவியர் யார்?

[அ] முகம்மது [ஆ] இயேசு கிறிஸ்து

[இ] காந்திஜி [ஈ] சித்தார்த்தா

5. ____ is a government of the people, by the people and for the people.

[a] Secularism [b] Socialism

[c] Democracy [d] Gender Justice

------- என்பது மக்களால், மக்களுக்காக அமைக்கப்பட்ட அரசாங்கமாகும்.

[அ] மதச்சார்பின்மை [ஆ] பொது உடைமை

[இ] ஜனநாயகம் [ஈ] பாலின நீதி

6. There are ___ fundamental rights in our constitutions.

[a] five [b] six

[c] seven [d] eight

நம் அரசியலமைப்புகளில் ------- அடிப்படை உரிமைகள் உள்ளன.

[அ] ஐந்து [ஆ] ஆறு

[இ] ஏழு [ஈ] எட்டு

7. The term commitment implies _____.

[a] Dependability [b] Caring

[c] Loyalty [d] All the above

அர்ப்பணிப்பு என்ற சொல் --------- ஐ குறிக்கிறது.

[அ] சார்புநிலை [ஆ] கவனித்தல்

[இ] விசுவாசம் [ஈ] மேலே உள்ள அனைத்தும்

8. ____ is described as an account-giving relationship between individuals.

[a] Accountability [b] Team spirit

[c] Competence [d] Transparency

-------- என்பது தனிநபர்களுக்கிடையே கணக்கு கொடுக்கும் உறவாக விவரிக்கப்படுகிறது.

[அ] பொறுப்புணர்ச்சி [ஆ] கூட்டு முயற்சி

[இ] திறமை [ஈ] வெளிப்படைத்தன்மை

9. Which of the following is the traditional Indian family type?

[a] Nuclear family [b] Extended family

[c] Large Joint family [d] All of the above

பின்வருவனவற்றில் பாரம்பரிய இந்திய குடும்ப வகை எது?

[அ] தனிக்குடும்பம் [ஆ] நீட்டிக்கப்பட்ட குடும்பம்

[இ] பெரிய கூட்டுக்குடும்பம் [ஈ] அனைத்தும்

10. ____ helps us to know the current affairs.

[a] Peer groups [b] Media

[c] Family [d] Society

நடப்பு விவகாரங்களை அறிய --------- நமக்கு உதவுகிறது.

[அ] நட்பு வட்டங்கள் [ஆ] ஊடகங்கள்

[இ] குடும்பம் [ஈ] சமூகம்

SECTION – B [5 X 7 = 35]

Answer ALL the Questions.

11. a) What are the classification of values?

அ) மதிப்புகளின் வகைபாடுகள் யாவை?

[OR]

b) What is self discipline? Explain.

ஆ) சுய ஒழுக்கம் என்றால் என்ன? விளக்குக.

12. a) Explain the noble eight fold path in Buddhism.

அ) புத்த மதத்தில் உன்னதமான எட்டு மடங்கு பாதையை விளக்குக.

[OR]

b) What are the main values of Sikhism?

ஆ) சீக்கிய மதத்தின் முக்கிய மதிப்புகள் யாவை?

13. a) Explain about democracy.

அ) ஜனநாயகம் பற்றி விளக்குக.

[OR]

Reg. No.: | | | | | | | | | |

G.T.N. ARTS COLLEGE SELF FINANCE (AUTONOMOUS)

(Affiliated to Madurai Kamaraj University || Accredited with 'B' Grade by NAAC)

END SEMESTER EXAMINATION - NOVEMBER - 2021

(UNDER OUTCOME BASED EDUCATION (OBE) PATTERN)

Programme : B.C.A. **Date : 18.02.2022**

Course Code : 20UCAC11 **Time : 10:00 AM - 1:00 PM**

Course Title : Computer Fundamentals and Programming in C **Max. Marks : 60**

Q. No.	SECTION - A (10 * 1 = 10 Marks) Answer ALL Questions	CO(s)	K - Level
1.	Chief component of first generation computer was _____. 1.Transistors 2.Vacuum Tubes and Valves 3.Integrated Circuits 4.File Translation	CO1	K1
2.	The chart that contains only function flow and no code is called as_____. 1.Flow chart 2.Structure chart 3.Function chart 4.Method chart	CO1	K1

3.	_____will be the output of the following C code.
	#include<stdio.h>
	int main()
	{
	printf("Hello World! %d\n", x);
	return 0;
	}
	1.Hello World! X 2.Hellow World! Followed by a junk value
	3.Compile time error 4.Hello World!
		CO2	K1

4.	The result of len variable after execution of the following statements is _____ int len; char str1[] = {"39 march road"}; 1.len = strlen(str1); 1.11 2.12 3.13 4.14	CO2	K1
5.	Array elements are stored in_____. 1.Scattered memory locations 2.Sequential memory locations 3.Direct memory locations 4.Number Memory locations	CO3	K1
6.	Maximum number of arguments that can be passed to a function are _____. 1.2 2.3 3.4 4.No limit	CO3	K1
7.	When accessing a structure member, the identifier to the left of the dot operator is _____.	CO4	K1

1.A structure member
2.The structure tag
3.A structure variable
4.The keyword struct

8. _____ is the output of this C code. CO4 K1

```
#include <stdio.h>
void main()
{
struct student
{
int no;
char name[20];
};
struct student s;
no = 8;
printf("%d", no);
}
```

1.Compile time error
2.Nothing
3.Junk
4.8

9. The operator used to get value at address stored in a pointer variable is _____. CO5 K1

1.||
2.&
3.*
4.&&

10. FILE reserved word is _____. CO5 K1

1.A structure tag declared in stdio.h
2.One of the basic datatypes in c
3.Pointer to the structure defined in stdio.h
4.Type name defined in stdio.h

Q. No.	SECTION - B (5 * 4 = 20 Marks) Answer ALL Questions	CO(s)	K - Level
11. (a)	State the purpose of Algorithms with example program.	CO1	K1
	[OR]		
(b)	Describe the following: 1.Binary to Octal (10010110_2) – 2 mark 2.Decimal to Hexadecimal (451_{10}) – 2 mark	CO1	K1
12. (a)	Explain relational operator with example.	CO2	K2
	[OR]		
(b)	Compute a program to perform swapping of two numbers without using temporary variable.	CO2	K2
13. (a)	Explain what is a function? Classify the types of functions.	CO3	K2
	[OR]		
(b)	Express a C program to find the largest element given in an array of elements.	CO3	K2
14. (a)	Explain Union and how to represent a union?	CO4	K2
	[OR]		
(b)	How data elements are stored under unions, explain with example.	CO4	K2
15. (a)	Explain pointer and its declaration also.	CO5	K2
	[OR]		
(b)	Classify different file operations.	CO5	K2

Q. No.	SECTION - C (3 * 10 = 30 Marks) Answer any of 3	CO(s)	K - Level
16.	Draw a flowchart to find the sum of series 1+2+3+…….+N.	CO1	K1
17.	Compute a C program to display the following pattern. ***** **** *** ** *	CO2	K2
18.	Sketch the following string handling functions with example: a. strcpy() b. strcmp() c. strcat() d. strlen() e. strncat()	CO3	K3
19.	Express how data elements are stored under unions with example.	CO4	K3
20.	(a) Illustrate the syntax for opening a file with various modes and closing a file. (b) Demonstrate the following file handling functions: a. fseek() b. ftell() c. rewind() d. feof()	CO5	K3

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G.T.N. ARTS COLLEGE SELF FINANCE (AUTONOMOUS)

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END SEMESTER EXAMINATION - NOVEMBER - 2021

(UNDER OUTCOME BASED EDUCATION (OBE) PATTERN)

Programme : B.C.A. **Date : 07.02.2022**

Course Code : 20UCAC31 **Time : 10:00 AM - 1:00 PM**

Course Title : Computer Algorithm with C++ **Max. Marks : 60**

Q. No.	SECTION - A (10 * 1 = 10 Marks) Answer ALL Questions	CO(s)	K - Level
1.	_____ is more effective while calling the functions. 1.Call by value 2.Call by reference 3.Call by pointer 4.Call by object	CO1	K1
2.	Wrapping data and its related functionality into a single entity is known as _____. 1.Abstraction 2.Encapsulation 3.Polymorphism 4.Modularity	CO1	K1
3.	---------- specifier makes all the data members and functions of base class inaccessible by the derived class. 1.Protected 2.Private 3.Public 4.Both private and protected	CO2	K1
4.	_____ operator cannot be used to overload when that function is declared as friend function. 1.-= 2.|| 3.== 4.[]	CO2	K1
5.	State the meaning of the given declaration. Int(*ptr[5])(); 1.Ptr is pointer to function 2.ptr is array of pointer to function 3.ptr is pointer to such function which return type is array 4.Ptr is pointer to array of function	CO3	K1
6.	By default, all the files in C++ are opened in _____ mode. 1.Binary 2.Text 3.ISCII 4.VTC	CO3	K1
7.	Two main measures for the efficiency of an algorithm are----------and ----------. 1.Process and memory 2.Time and space 3.Complexity and capacity 4.Data and space	CO4	K1
8.		CO4	K1

Find the pivot element from the given input using median-of-three partitioning method.
8, 1, 4, 9, 6, 3, 5, 2, 7, 0.

1.8 2.7

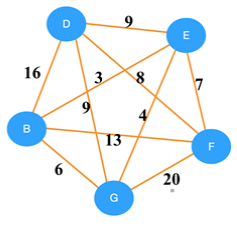
3.9 4.6

9. Dijkstra's Algorithm is the prime example for _____. CO5 K1

1.Greedy method 2.Branch and bound

3.Back tracking 4.Dynamic programming

10. Consider the following graph. Using Kruskal's algorithm, which edge will be selected first. CO5 K1



1.GF 2.DE

3.BE 4.BG

Q. No.	SECTION - B (5 * 4 = 20 Marks) Answer ALL Questions	CO(s)	K - Level
11. (a)	Describe about Function Overloading with suitable example program.	CO1	K1
	[OR]		
(b)	Write a Program to show class with constructors.	CO1	K1
12. (a)	Write a C++ program to interpret overloading Binary Operators.	CO2	K2
	[OR]		
(b)	Extrapolate the functions ofMultiple Inheritance.	CO2	K2
13. (a)	Summarize the representation of "this POINTER".	CO3	K2
	[OR]		
(b)	Explain about Error Handling during File operations.	CO3	K2
14. (a)	Articulate aboutspace complexity with simple algorithm.	CO4	K3
	[OR]		
(b)	Sketch an Algorithm to show the working of Mergesort.	CO4	K3
15. (a)	Describe about Binary merge tree representing a merge pattern.	CO5	K2
	[OR]		
(b)	Discuss about Greedy algorithm to generate single source shortest paths.	CO5	K2

Q. No.	SECTION - C (3 * 10 = 30 Marks) Answer any of 3	CO(s)	K - Level
16.	Generalize about Nesting of member function.	CO1	K2
17.	Classify about Overloading Binary operators with example program.	CO2	K2
18.	Show the implementation of reading and writing Class objects from files.	CO3	K3
19.	Examine the time complexity of Matrix Additon Algorithm.	CO4	K4
20.	Solve Optimal Merge Pattern with suitable example and Write Algorithm.	CO5	K3

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Reg. No.: | | | | | | | | | |

G.T.N. ARTS COLLEGE SELF FINANCE (AUTONOMOUS)

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END SEMESTER EXAMINATION - NOVEMBER - 2021

(UNDER OUTCOME BASED EDUCATION (OBE) PATTERN)

Programme : B.C.A. **Date : 08.02.2022**

Course Code : 20UCAC32 **Time : 10:00 AM - 1:00 PM**

Course Title : Object Oriented Programming with Java **Max. Marks : 60**

Q. No.	SECTION - A (10 * 1 = 10 Marks) Answer ALL Questions	CO(s)	K - Level
1.	The boolean variable can contain_____ values. 1.True & False 2.0 & 1 3.Any integer value 4.true	CO1	K1
2.	A collection of similar type data is inferred as an_____. 1.Array 2.Index 3.Value 4.Dimension	CO1	K1
3.	A valid declaration of an object of class Box is_____. 1.new obj Box(); 2.Box obj = new Box; 3.obj = new Box(); 4.Box obj = new Box();	CO2	K1
4.	_____is the correct way of importing an entire package 'pkg' in the Java code. 1.import pkg. 2.Import pkg; 3.import pkg.*; 4.Import pkg.*;	CO2	K1
5.	_____keyword is used to manually throw an exception. 1.finally 2.catch 3.try 4.throw	CO3	K1
6.	The operator _____is used to generate an instance of an exception than can be thrown by throw. 1.new 2.malloc 3.calloc 4.size	CO3	K1
7.	_____ package is used for input & output operations of a program. 1.java.util 2.java.lang 3.java.io 4.all of the mentioned	CO4	K1
8.	_____ class is implemented by FilterInputStream class. 1.InputStream 2.InputOutputStream 3.BufferedInputStream 4.SequenceInputStream	CO4	K1
9.	The special type of program that is embedded in the webpage to generate the dynamic content is stated as_____.	CO5	K1

	1.Package 2.Applet 3.Browser 4.AWT		
10.	When applet is dead, it automatically invokes the_____ before quitting the browser. 1.paint() 2.stop() 3.destroy() 4.final()	CO5	K1

Q. No.	SECTION - B (5 * 4 = 20 Marks) Answer ALL Questions	CO(s)	K - Level
11. (a)	Write a simple java program along with compilation and execution commands.	CO1	K1
	[OR]		
(b)	List the selection statements with illustrations.	CO1	K1
12. (a)	Write a java code to calculate volume of a triangle using class and methods.	CO2	K1
	[OR]		
(b)	Explain how to pass an object as parameter.	CO2	K1
13. (a)	Interrupt the usage of throws in Exception handling.	CO3	K2
	[OR]		
(b)	How deadlock are handled in multithreading?	CO3	K2
14. (a)	Discuss on writing consoleoutput.	CO4	K2
	[OR]		
(b)	Cite a detailed note on character extraction function with an example.	CO4	K2
15. (a)	Show the Lifecycle of an applet with an appropriate diagram.	CO5	K3
	[OR]		
(b)	Prepare a detailed note on component and panel in AWT.	CO5	K3

Q. No.	SECTION - C (3 * 10 = 30 Marks) Answer any of 3	CO(s)	K - Level
16.	Cite a note on Iteration statements with illustrations.	CO1	K2
17.	Explain method overloading with an example program.	CO2	K2
18.	Develop a program to show the creation of user-defined Exceptions in Java.	CO3	K3
19.	Construct a program that illustrates ByteStream methods.	CO4	K3
20.	Distinguish various Events in a frame window.	CO5	K4

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Reg. No.: | | | | | | | | | |

G.T.N. ARTS COLLEGE SELF FINANCE (AUTONOMOUS)

(Affiliated to Madurai Kamaraj University || Accredited with 'B' Grade by NAAC)

END SEMESTER EXAMINATION - NOVEMBER - 2021

(UNDER OUTCOME BASED EDUCATION (OBE) PATTERN)

Programme : B.C.A. **Date : 09.02.2022**

Course Code : 20UCAC33 **Time : 10:00 AM - 1:00 PM**

Course Title : Computer System Architecture **Max. Marks : 60**

Q. No.	SECTION - A (10 * 1 = 10 Marks) Answer ALL Questions	CO(s)	K - Level
1.	Binary information represented in digital computers by physical quantities is called _____.	CO1	K1
	1.States 2.Signal		
	3.Gates 4.Logic gates		
2.	Synchronization is achieved by a timing device called_____.	CO1	K1
	1.Clock pulse generator 2.Sequential circuit		
	3.Combinational circuit 4.Flip flop		
3.	ROM is a memory unit that performs the _____operation only.	CO2	K1
	1.Control 2.Read - write		
	3.Write 4.Read		
4.	The _____representation of a negative number consists of the magnitude and a negative sign.	CO2	K1
	1.Signed 1's complement 2.Signed 2's complement		
	3.Signed-magnitude 4.Unsigned		
5.	The symbolic notation used to describe the microoperation transfers among registers is called a _____ language.	CO3	K1
	1.Register symbol 2.Register notation		
	3.Register transfer 4.Symbolic		
6.	The number of storage registers connected to a common operational unit to perform microoperations called _____.	CO3	K1
	1.Storage unit 2.Memory unit		
	3.Control unit 4.ALU		
7.	The procedure for branching to a subroutine and returning to the main program is referred to as a subroutine _____.	CO4	K1
	1.Interrupt 2.Linkage		
	3.Call 4.Return		

8.	_____is the mnemonic for typical shift instruction Rotate left.	CO4	K1
	1.ROL 2.ROR 3.RORC 4.ROLC		
9.	_____ are used for routing data and arranging the printed text into a prescribed format.	CO5	K1
	1.Information separators 2.Communication characters 3.Control characters 4.Format Effectors		
10.	In _____the interface transfers data into and out of the memory unit through the memory bus.	CO5	K1
	1.DMA 2.Interrupt 3.Priority 4.IOP		

Q. No.	SECTION - B (5 * 4 = 20 Marks) Answer ALL Questions	CO(s)	K - Level
11. (a)	Can you relate AND and OR gates with its truth table?	CO1	K1
	[OR]		
(b)	Describe half adder with an example.	CO1	K1
12. (a)	Can you interpret the working of binary counter with parallel load?	CO2	K2
	[OR]		
(b)	Compare parity generator and parity checker.	CO2	K2
13. (a)	Give an outline on registers.	CO3	K2
	[OR]		
(b)	How the operations are performed in circular shift ?	CO3	K2
14. (a)	Demonstrate table look up procedure with example.	CO4	K3
	[OR]		
(b)	Examine the data transfer instructions between memory and processor registers.	CO4	K3
15. (a)	Demonstrate the working of handshaking principle.	CO5	K3
	[OR]		
(b)	Construct and explain full duplex transmission.	CO5	K3

Q. No.	SECTION - C (3 * 10 = 30 Marks) Answer any of 3	CO(s)	K - Level
16.	Summarize the steps for the simplifying the product of sum.	CO1	K2
17.	Sketch the usage of Binary counter.	CO2	K3
18.	How do you relate the three types of shift micro operations?	CO3	K3
19.	Categorize the types of data manipulation instructions.	CO4	K4
20.	Compare synchronous and asynchronous transmission.	CO5	K4

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Reg. No.: | | | | | | | | | |

G.T.N. ARTS COLLEGE SELF FINANCE (AUTONOMOUS)

(Affiliated to Madurai Kamaraj University || Accredited with 'B' Grade by NAAC)

END SEMESTER EXAMINATION - NOVEMBER - 2021

(UNDER OUTCOME BASED EDUCATION (OBE) PATTERN)

Programme : B.A. Tamil **Date : 17.02.2022**

Course Code : 20UCAN11 **Time : 10:00 AM - 12:00 PM**

Course Title : Basics of Computer **Max. Marks : 30**

Q. No.	SECTION - A (5 * 3 = 15 Marks) Answer ALL Questions	CO(s)	K - Level
1. (a)	List all the Advantages & Disadvantages of First Generation Computers.	CO1	K1
	[OR]		
(b)	Enumerate the Features of Second Generation Computers.	CO1	K1
2. (a)	Describe all the functions of input and output unit in CPU.	CO2	K2
	[OR]		
(b)	Discuss the functions of cache memory management in computer architecture.	CO2	K2
3. (a)	Demonstrate the usage of pointing and drawing device.	CO3	K3
	[OR]		
(b)	Predict the operations of Card reader.	CO3	K3
4. (a)	Indicate the functions of Utility Software.	CO4	K2
	[OR]		
(b)	Summarize all the categories of application software.	CO4	K2
5. (a)	Illustrate the characteristics and good quality of algorithms.	CO5	K3
	[OR]		
(b)	Illustrate the differences between top tested loop and bottom tested loop.	CO5	K3

Q. No.	SECTION - B (3 * 5 = 15 Marks) Answer any of 3	CO(s)	K - Level
6.	Discuss the several types of computers.	CO1	K2
7.	Discuss about cache memory and its functions.	CO2	K2
8.	Determine the functions of the following: a) Keyboard b) Point and draw c) Data scanning	CO3	K3
9.	Infer the logic system architecture.	CO4	K2
10.	Discover the differences of Flow charts and Pseudo code.	CO5	K3

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Reg. No.: | | | | | | | | | |

G.T.N. ARTS COLLEGE (AUTONOMOUS)

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END SEMESTER EXAMINATION - APRIL - 2021

(UNDER OUTCOME BASED EDUCATION (OBE) PATTERN)

Programme : ALL UG | **Date : 24.06.2021**

Course Code : 20UCAN21 | **Time : 10:00 AM - 1:00 PM**

Course Title : Basics of Internet | **Max. Marks : 100**

Q. No.	SECTION - A (20 * 1 = 20 Marks) Answer ALL Questions	CO(s)	K - Level
1.	A_____is created on the internet Host server . 1.physical domain 2.sub directory 3.directory 4.sub-unique	CO1	K1
2.	The _____ are used to setup proper communications between a client and server. 1.protocols 2.applications 3.server 4.hosts	CO1	K1
3.	All Virtual Domains Names must be registered with _____ 1.Inter NIC 2.web servers 3.Internet server 4.Internet clients	CO1	K1
4.	ISP pipeline bandwidths of_____are quite common. 1.2GB to 8GB 2.2GB to 10GB 3.3GB to 6GB 4.3GB to 8GB	CO1	K1
5.	HTML supports _____different level of headings. 1.5 2.6 3.7 4.4	CO2	K2
6.	_____ is used as paragraph tag. 1.<P> 2. 3.<H> 4.<HR>	CO2	K2
7.	A _____ supports multiple protocols. 1.Server 2.Web page 3.Web server 4.Browser	CO2	K1
8.	_____is used to let computers establish a link between a webserver and web browser over the internet. 1.FTP 2.TCP/IP 3.HDD 4.HTTP	CO2	K1
9.	_____changes the numbering sequence in the middle of an ordered list. 1.FILLROUND 2.START 3.BORDER 4.VALUE	CO3	K2

10.	_____attributes are used to control the size of the image on the web page.	CO3	K2
	1.WIDTH & HEIGHT 2.BORDER & WIDTH		
	3.HEIGHT & HSPACE 4.VSPACE & HSPACE		
11.	Definition lists consists of_____parts.	CO3	K1
	1.3 2.2		
	3.5 4.4		
12.	_____values appear within tags<DL> and </DL>.	CO3	K1
	1.Definition Term 2.Unordered lists		
	3.Ordered list 4.Definition list		
13.	Linked regions of an image map are called _____.	CO4	K2
	1.Image map 2.Usemap		
	3.Hot regions 4.Header		
14.	ALIGN=_____ will place the caption immediately above the table.	CO4	K2
	1.LEFT 2.RIGHT		
	3.TOP 4.MIDDLE		
15.	A table is a two dimensional matrix consisting of _____	CO4	K1
	1.Rows 2.Columns		
	3.Rows & columns 4.Width		
16.	Individual data cells placed in the horizontal plane creates a _____.	CO4	K1
	1.Header row 2.Data row		
	3.Data cell 4.Single data cell		
17.	The symbol _____ indicates the remaining space.	CO5	K2
	1.& 2.#		
	3.* 4.%		
18.	_____gives a description about the product-Barbed Wires.	CO5	K2
	1.BWire.htm 2.BTape.htm		
	3.AniFenc.htm 4.Frames.htm		
19.	The_____attribute of the <FRAME> tag disables the user's ability to resize the frame.	CO5	K1
	1.SCROLL 2.NORESIZE		
	3.NAME 4.SRC		
20.	The_____attribute of the <FRAME>tag contains the URL of the document to be loaded into the frame.	CO5	K1
	1.SCROLL 2.SIZE		
	3.NAME 4.SRC		

Q. No.	SECTION - B (5 * 6 = 30 Marks) Answer ALL Questions	CO(s)	K - Level
21. (a)	Describe about Internet Service Identities.	CO1	K1

	[OR]		
(b)	Define FTP as an application and service	CO1	K1
22. (a)	Interpret the usage of Header and Footer with example.	CO2	K2
	[OR]		
(b)	Infer the different heading styles with example.	CO2	K2
23. (a)	Differentiate Definition list with ordered list	CO3	K2
	[OR]		
(b)	Compare width and height attribute used in list.	CO3	K2
24. (a)	Associate the use of width and border attribute with tables.	CO4	K2
	[OR]		
(b)	Express the way to use bgcolor attributes in tables.	CO4	K2
25. (a)	Construct a html program using Frames.	CO5	K3
	[OR]		
(b)	Show the various attributes of frames	CO5	K3

Q. No.	**SECTION - C (5 * 10 = 50 Marks)** **Answer ALL Questions**	**CO(s)**	**K - Level**
26. (a)	Explain the structure of IP address.	CO1	K1
	[OR]		
(b)	Recall the steps for resolving domain names.	CO1	K1
27. (a)	Classify the various tags used in HTML.	CO2	K2
	[OR]		
(b)	Discuss about web client and browser.	CO2	K2
28. (a)	Compare Ordered list with Unordered list.	CO3	K2
	[OR]		
(b)	Discuss the properties of align attribute and alt attribute.	CO3	K2
29. (a)	Classify the types of list in html program.	CO4	K2
	[OR]		
(b)	Discuss the ways to add graphics to html document.	CO4	K2
30. (a)	Demonstrate the use of frameset tags in html program.	CO5	K3
	[OR]		
(b)	Sketch the usage of Inline frame with example.	CO5	K3

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G.T.N.ARTS COLLEGE (Autonomous)
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(Accredited by NAAC with 'B' Grade)
ODD SEMESTER [2021-2022]
INTERNAL ASSESSMENT TEST – I

Class : III CS, BCA, IT (A& B) Date:24-09-2021
Paper Code : 17UCSS51, 17UCAS51, 17UITS51 Time:10am- 11am
Title of the Paper : Quantitative Aptitude Max Marks: 30

Section A [6 x 1 = 6]

[Answer **ALL** the questions]

1. The HCF of 108, 288 & 360 is _____.
   [a] 72 [b] 36 [c] 9 [d] 18
2. The Vulgar fraction of 0.75 is _____.
   [a] $\frac{3}{4}$ [b] $\frac{2}{3}$ [c] $\frac{6}{7}$ [d] $\frac{4}{3}$
3. The average of first 40 natural numbers is _____.
   [a] 19.5 [b] 20 [c] 21.5 [d] 20.5
4. A number is as much greater than 36 as is less than 86. Find the number.
   [a] 71 [b] 91 [c] 61 [d] 63
5. The value of $\frac{(6+6+6+6)\div 6}{(4+4+4+4)\div 4}$
   [a] 0 [b] 1 [c] 2 [d] 0.5
6. Which of the following fractions is the smallest
   [a] $\frac{13}{16}$ [b] $\frac{15}{19}$ [c] $\frac{17}{21}$ [d] $\frac{7}{8}$

Section B [2 x 7 = 14]

[Answer **ALL** the questions]

7. a) (i)Express as vulgar fractions : (i) $0.\overline{37}$ (ii) $0.\overline{053}$
   (ii) Simplify : $\frac{0.05X0.05X0.05+0.04X0.04X0.04}{0.05X0.05-0.05X0.04+0.04X0.04}$

[OR]

b) (i) Arrange the fractions $\frac{3}{5}, \frac{4}{7}, \frac{8}{9}, \frac{9}{11}$ in their descending order.
(ii) Find the quotient: (I) $0.63 \div 9$ (II) $3.1603 \div 13$

8. a) (i) Find the square root of 1471369

   (ii) If $\sqrt{1+\frac{x}{144}} = \frac{13}{12}$, Find the value of x?

[OR]

b) Find the value of $\sqrt{3}$ up to three places of decimal.

Section C [1x10=10]

[Answer **ANY ONE** question]

9. (i) Find the HCF of 513, 1134, 1215.

   (ii) Find the LCM of 16, 24, 36 and 54.

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10. (i) Find the smallest number that must be added to 1780 to make it a perfect square.

    (ii) Find the least number which when divided by 6, 7, 8, 9 & 12 leaves the same remainder in each case.