

Computer Science

Class -12th

Previous Year Question(2017-2024)

Chapter-1:-Network Operating System

True /False(Each Question Contain 1 Mark)

- 1 The law of governing the cyber space is known as cyber law. (2017)
- 2 JP of TCP/IP is a connectionless protocol. (2017)
- 3 Which command list all users currently on system. (2018)
- 4 Netstat command displays network status. (2019)
- 5 Vi stands for visual editor. (2020)
- 6 rmdir command is used for renaming a directly. (2017,2021)
- 7 When data is processed, it becomes information. (2022)

MCQ's (Each Question Contain 1 Mark)

- 1 Linux is a _____ operating system. (2021)
a) Open source software b) Multitasking c) Both a and b d) None of the above.
- 2 _____ is the core of Linux operating system. (2021)
a) User b) Command c) Kernel d) Pattern
- 3 Echo () statement is used to _____ the data. (2024)
a) Enter b) Delete c) Print d) None of the above.
- 4 _____ command list all user currently on system. (2024)
a) who b) whoami c) ls d) cal

(Each Question Contain 3 Marks)

- 1 What do you mean by cyber law? Explain. (2018)
- 2 what do you mean by input /output redirections ?Explain. (2018)
- 3 What do you mean by pipe? Explain. (2018)
- 4 Write a short note on IP routing? (2019)
- 5 Explain the following commands :- 1 cat 2. Chmod 3 . Ls. 4. date (2017,2019)
- 6 Explain the following commands 1 mkdir 2 ls (2020)

- 7 What do you mean by cyber law? Explain. (2017,2020)
- 8 What is IP addressing? Explain. (2020)
- 9 Explain the following shall commands any three: 1 PWD 2 CD 3 mkdir 4 LS. (2021)
- 10 What are the components of Linux? Explain. (2024)
- 11 Explain the following Linux commands a) date b) rmdir c) cd (2024)
- 12 What do you mean by TCP and UDP ? (2024)

(Each Question Contain 5 Marks)

- 1 What do you mean by computer networks? What are the advantage of computer networks. (2019)

(Each Question Contain 5 Marks)

- 1 Explain the following:- a) I/O redirection b) Cyber law. (2021)

Chapter-2:-Network Operating System Administration

True /False(Each Question Contain 1 Mark)

- 1 Lvm stands for Logical Volume Management. (2018,2019,2021)
- 2 Windows NT is a network operating system. (2020)
- 3 Windows NT is an open source software. (2021)

MCQ's (Each Question Contain 1 Mark)

- 1 which command is used to copy files? (2021)
a) copy b) mv c) cp d) cdp
- 2 GUI stands for graphical_____ interface. (2021)
a)unlimited b) utility c) unit d) user
- 3 The_____ of a directory structure is the top most directory on the disk . (2021)
a) Program b) User c) Root d) Naming.
- 4 NOS stands for _____ (2021)
a) Network Operating System b) Network Operational System
c) Network Original System d) Nice Operating System.
- 5 _____ is used in Linux when physical memory is full . (2024)
a)chmod b) swap space c) logical memory d) Mount point.
- 6 Windows NT is a _____ operating system. (2024)
a) Open Source b) Network c) Both a and b d) None of these .

(Each Question Contain 2 Marks)

- 1What is Mount Point in Linux? (2017,2021,2024)
- 2 What do you mean by LVM? Explain. (2019,2024)

(Each Question Contain 3 Marks)

- 1What do you mean by network operating system? Explain. (2017,2018,2024)
- 2 what is Windows NT ? What are its advantages and disadvantages? Explain .(2018,2020)
- 3 What do you mean by shell scripting? Explain. (2018,2021)
- 4 What do you mean by Red hat Linux? Explain. (2018,2019)

- 5 What is a swap space? Describe. (2017,2018)
- 6 Write the difference between Linux and Windows operating system? (2019)
- 7 Explain various file systems in Linux. (2019)
- 8 Explain advantages and disadvantages of Windows NT . (2019)
- 9 What is Linux Firewall ? Explain. (2017,2020)
- 10 What are the responsibilities of Network Security Specialist? (2017,2024)

(Each Question Contain 4 Marks)

- 1 What do you mean by Windows NT? Explain its advantages. (2024)
- 2 What is Linux Firewall? Explain its types. (2017,2024)

Chapter-3:-Desktop Publishing (Advanced)

True /False(Each Question Contain 1 Mark)

- 1 Bitmap images are made up of geometric objects. (2018)
- 2 Duplicate objects cannot be created in Corel Draw. (2019)
- 3 PDF stands for portable document file. (2020)
- 4 The zoom tool is used for shaping the objects (2021)
- 5 Corel draw is an application software. (2021)

MCQ's (Each Question Contain 1 Mark)

- 1 Corel Draw is based on _____ graphics. (2021)
a) vector b) CUI c) None of these d) Both a and b
- 2 Pick tool is used to _____ the object. (2024)
a) Rotate b) Resize c) Select d) All of the above

(Each Question Contain 3 Marks)

- 1 What is the difference between bitmap graphics and vector images ? Explain. (2017,2018,2024)
- 2 How can you enter text in Corel draw? Explain . (2018,2019)
- 3 What is the importance of toolbox in Corel Draw? Explain. (2020)
- 4 How page is set up in Corel Draw? (2020)
- 5 Write short note on the following: (2020)
a) Pixel b) Vector graphics (images).
- 6 Explain the components of Corel Draw. (2021)
- 7 Write the steps in starting Corel Draw. (2021,2024)
- 8 How you can create a drawing in Corel Draw? (2017,2024)
- 9 How can you lock /unlock object in Corel Draw? (2024)

(Each Question Contain 4 Marks)

- 1 What is the difference between Photoshop and Corel Draw. (2019)

- 2 Write short notes on the following:- (2020)
- a) Bitmap graphics b) PPI .
- 3) What is Corel Draw? Explain the different tools used in Corel draw. (2017,2021)

Chapter-4:-Elementary Server Side Scripting Through PHP

True /False(Each Question Contain 1 Mark)

- 1 PHP is different from JavaScript in terms of Syntax. (2017)
- 2 PHP is an open source Software. (2017)
- 3 HTML stands for Hypertext Markup Language. (2018)
- 4 JavaScript is a compiled language. (2017,2018)
- 5 A PHP script can be placed anywhere in the document. (2018)
- 6 XHTML stands for Extensible Hypertext Markup Language. (2018)
- 7 PHP is a server side scripting language. (2019,2020)
- 8 Data is one of the data types used in JavaScript. (2019)
- 9 < Form> tag is used for creating form . (2019)
- 10 PHP scripts are executed on client side. (2019)
- 11 WAMP server is used to execute PHP script. (2019)
- 12 PHP stands for Post Processor Hypertext. (2019)
- 13 Variable name starts with alphabets. (2019)
- 14 IF statement is a conditioner statement. (2023)

MCQ's (Each Question Contain 1 Mark)

- 1 PHP stands for _____ (2021)
- a) Personal Home Page b) Hypertext Preprocessor
c) Pretext Hypertext Processor d) Preprocessor Home Page.
- 2 In PHP variable starts with _____ sign . (2021)
- a) + b) - c) \$ d) *.
- 3 PHP files have a default file extension _____. (2021)
- a) .html b) .xml c).php d).ph
- 4 PHP is a _____scripting language. (2024)
- a) client side b) single side c) server side d) none of these

(Each Question Contain 2 Marks)

- 1 What are the advantages of using PHP. (2017)
- 2 What do you understand by CSS? Explain its main features. (2017)

- 3 Why JavaScript is known as client side language? (2017)
- 4 Write a program in JavaScript to show the use of Switch statement. (2017)
- 5 Write a short note on PHP. (2021)

(Each Question Contain 3 Marks)

- 1 What do you mean by JavaScript? What are the various data types in JavaScript? Explain. (2018)
- 2 What are JavaScript events ? Why are they useful ? Describe. (2018)
- 3 What is variable? How to declare a variable in PHP? (2021)
- 4 What is PHP? What are its characteristics? (2024)
- 5 What is variable? What do you mean by scope of variable? (2024)

(Each Question Contain 4 Marks)

- 1 Write a program in JavaScript to find the sum of first 10 odd numbers using do while loop. (2018)
- 2 What do you mean by data types what are the various data types in PHP? Explain. (2018)
- 3 What do you mean by WAMP server ?Explain. (2018)
- 4 Write a program in PHP to check whether a person is adult or not. (2018)
- 5 Write the difference between Client Side Scripting and Server Side Scripting. (2019)
- 4 Explain the differences and similarities between Procedures and Functions. (2019)
- 5 What is loop? Explain for loop in PHP. (2021)
- 6 Explain the operator in PHP. (2021)
- 7 Write a program in PHP to check whether a person is eligible for vote or not. (2021)
- 8 Explain while loop and for loop with example in PHP. (2024)
- 9 Explain if else statement. Write a program in PHP to check whether number is even or odd? (2024)

(Each Question Contain 5 Marks)

- 1 Explain GET and POST Method in PHP. (2019,2024)
- 1 Write a program in PHP for the use of for loop with example. (2021)
- 2 Write a program in PHP to find the area of rectangle. (2021)
- 3 What is PHP ?Explain. (2021)
- 4 What is operator explain various types of operators in PHP. (2021)
- 5 Differentiate between HTML and XHTML. (2021)

Chapter-5:-RDBMS Concepts and MySQL

True /False(Each Question Contain 1 Mark)

- 1 DBMS is a computer software that manages databases. (2018)
- 2 A null value is the same as zero or blank. (2018)
- 3 A view is a subset of database. (2019)
- 4 A traditional database stores just data with no procedure (2019)
- 5 Duplication of data is the disadvantages of DBMS. (2020)
- 6 DDL stands for Data Definition Language. (2020)
- 7 Alter table command is used to modify structure of table. (2022)
- 8 The row in a table is called record. (2022)
- 9 Data redundancy means repetition of the data. (2023)
- 10 Alter table command is used to create the table. (2023)
- 11 DBMS is a computer software that manage databases. (2023)

MCQ's (Each Question Contain 1 Mark)

- 1 The term _____ refers to a row in a table. (2022,2023)
a) Tuple b) Field c) Attribute d) None of these .
- 2 Which of the following MySQL command is used to retrieve data from table? (2022,2024)
a) Delete b) Insert c) Select d) None of these.
- 3 What does DML stands for ? (2022)
a) Data Model Language b) Data Manipulation Language c) Data Manipulation Level d) None of these.
- 4 Which one of the following is not a MySQL aggregate function ? (2022)
a) SUM b) ADD c) MAX d) None of these
- 5 _____ command is used to undo the changes . (2023)
a) Role back b) Commit c) Save d) None of these.
- 5 Overall design of the database is called as _____ (2023)
a) Table b) View c) Schema d) Database .
- 6 _____ is a DDL statement . (2023)
a) Create b) Drop c) Alter d) All of these.

7 ____command deals with transactions within database in SQL . (2024)

a) DDL b) DML c) DCL d)TCL

(Each Question Contain 2 Marks)

1 Explain the following functions: a)Max () b Min() c) Avg () d)Count (). (2022)

2 What do you mean by DBMS? Explain its advantages. (2023)

(Each Question Contain 3 Marks)

1 Differentiate DDL and DML. (2020)

2 What is database? Write names of Databases commonly used. (2022)

3 What is a table? How will you create a new table in MySQL? (2022)

4 Explain three tier structure of DBMS. (2023)

6 How do you insert row in a table explain with examples. (2023)

7 Differentiate between DDL and DML. (2024)

(Each Question Contain 4 Marks)

1 What do you mean by database and database management system? Describe. (2017,2018)

2 What are the advantages of using stored procedure? Explain. (2018)

3 What are the advantages and disadvantages of database system. (2019)

4 What is MySQL? Write classification of MySQL. (2020)

5 What is data type? Explain various data types used in MySQL? (2022)

6 What do you mean by DDL and DML statements? Explain. (2023)

(Each Question Contain 5 Marks)

1 What do you understand by My SQL? Also explain its features . (2019)

2 Explain following command in My SQL: a) Order By b) Drop c)Alter d) Grant (2023)

3 What do you mean by constraints what are the different kind of constraints explain (2024)

4 Explain MySQL? What are the various features of MySQL? (2024)

5 What is the difference between traditional file system and database system? (2024)

Chapter-6:-PL/SQL

True /False(Each Question Contain 1 Mark)

1 A cursor can display information from a single table only.

- 2 Cookies contain information that may lead a possible attacker to the respective Computer. (2017)
- 3 A cursor can display information from a single table only. (2017)
- 4 Triggers can not take parameters. (2017)
- 5 Cookies are data, stored in small text files on the computer. (2018)
- 6 BEGIN SECTION in PL/SQL is optional. (2019)
- 7 A Trigger is a handle or pointer to the Context Area. (2019)
- 8 Oracle does not support PL/SQL. (2020)
- 9 Trigger is a handle or pointer to the context area. (2020)
- 10 PL/SQL statements are case sensitive. (2022)
- 11 PL/SQL is a block structured language. (2022)
- 12 In PL/SQL 'FOR LOOP' ends with 'ENDIF' statement. (2022)
- 13 An error in PL/SQL is called exception (2023)
- 14 PL/SQL is not a Procedural Language. (2023)

MCQ's (Each Question Contain 1 Mark)

- 1 Which of the following is not a 'SCALAR' data type? (2022)
a) LOB b) NUMBER c) CHAR d) DATE
- 2 In PL/SQL ,.....and are essential sections. (2022)
a) Declare, Exception b) Begin, End c) Both (a) and (b) d) None of these
- 3..... function is used for finding the Average. (2023)
a) LCASE() b) AVG() c) MID () d) UCASE()
- 4 In PL/SQL..... is an essential section. (2023)
a) Declare b) Exception c) Both (a) and (b) d) None of these
- 5 An error in PL/SQL is called..... (2023)
a) Mistake b) BUG c) Exception d) None of these.
- 6 is a type of Trigger. (2023)
a) Row Trigger b) Instead of Trigger c) Statement Trigger d) All of these.

7 There are types of triggers. (2024)

a) 2 b) 3 c) 4 d) 6

(Each Question Contain 2 Marks)

1 What do you know about PL/SQL? (2022)

(Each Question Contain 3 Marks)

1 Write PL/SQL code to print series:2 4 6.....20. (2022)

2 Explain the Following Cursor attributes: (2023)

a)%FOUND b) IS OPEN C) ROW COUNT

(Each Question Contain 4 Marks)

1 Explain IF-THEN-ELSE control structure used in PL/SQL. (2017)

2 Why the Named procedures are called stored procedures? Write advantages (2017)

3 What is Trigger? What are the advantages of Trigger? (2019)

4 Explain PL/SQL Block Structure. (2019,2020,2022)

5 Explain various Data types in PL/SQL (2022)

6 What do you know about 'FOR LOOP ' used in PL/SQL? (2022)

(Each Question Contain 5 Marks)

1 What is Trigger and Cursor ? Differentiate between them. (2017,2018)

2 What is Trigger? Explain its types. (2018,2023)

3 Write a PL/SQL Code, which will accept three(3) numbers and print the largest among them. (2018)

4 Write a Program for PL/SQL Code to find the area of rectangle. (2019,2023)

5 Write a PL/SQL program to print the following series 1,4,7,10.....40. (2020)

6 Write a PL/SQL code to print to natural numbers using While Loop. (2023)

7 What do you mean by PL/SQL ? What are its benefits? (2024)

8Write a PL/SQL code to display following series:100,98,96.....4,2. (2024)

Chapter-7:-Internet Business Applications

True /False(Each Question Contain 1 Mark)

- 1 Cookies are data,stored in small text files on the computer. (2018)
- 2 Credit Card and Debit Card are same. (2020)
- 3 ATM can be used for Electronic Fund Transfer. (2020)
- 4Doing Business on internet is known as e-commerce (2022,2023)
- 5 WhatsApp is a Social Networking Platform. (2022)
- 6 'C2B' stands for Business to Consumer. (2022)
- 7 You can't send Vedio on Social Networking sites. (2022)
- 8 'C2C' stands for Customer to Customer. (2023)
- 9 Online and Offline are the same terms. (2023)
- 10 As compare to Traditional Commerce, e-commerce cover Small area for Business. (2023)

MCQ's (Each Question Contain 1 Mark)

- 1 Which of the following is not a Social Networking site? (2022)
a) Twitter b) Facebook c)Instagram d) Google
- 2 'Amazon' is a (2022)
a) Search Engine b) Social Site c) Shopping App d) None of these
- 3 Performing Banking through mobile is an example of..... (2022)
a) Internet Banking b) Net Banking c) Both (a) and (b) d) None of these.
- 4 Which is not the advantages of Online reservation? (2022)
a) Quicker and Easier b) Large choice c) Bargaining d) None of these.
- 5 is an example of Online Shopping Site/App. (2023)
a) Amazon b) Flipkart c)Myntra d) All of these
- 6 Quikr is an E-commerce of type..... (2023)
a)B2B b) B2C c) C2C d) C2B.
- 7 Which of the following describes the definition of Electronic commerce? (2024)
a) Doing Business b) Sales and Purchase of Goods c) Doing business electronically d) All of these.
- 8 B2C is a type of..... (2024)

a) Online Reservation b) E- commerce c) Net Banking d) None of these.

9..... is an example of Social Networking Site. (2024)

a) Facebook b) Twitter c) Both (a) and (b) d) None of these

(Each Question Contain 2 Marks)

1 Explain any two Social Networking Sites.Give examples. (2022,2023)

2 What do you mean by Online Customer Support Services? (2023)

3 Explain Online Shopping. (2023)

(Each Question Contain 3 Marks)

1 Write some advantages of Online services. (2022)

(Each Question Contain 4 Marks)

1 Explain the following protocols: (2019)

a)HTTP b)PPP c) FTP d) TELNET

2 What are online services? What are its advantages? (2020)

3 What is Net Banking ? Explain. (2020,2023,2024)

4 What are the advantages and disadvantages of online shopping? (2020)

5 What are various modes of online payment? (2020)

6 Differentiate between Traditional commerce and e-commerce . (2023)

7 What do you mean by Online Reservation? Explain its advantages. (2023)

(Each Question Contain 5 Marks)

1 Explain Online Shopping. What are its pros and cons? (2024)

2 What do you mean by Social Networking Sites? Explain various Social Networking sites. (2024)

