Padasalai’s Telegram Groups!

- Padasalai's NEWS - Group
  https://t.me/joinchat/NIfCqVRBNj9hhV4wu6_NqA

- Padasalai's Channel - Group
  https://t.me/padasalaichannel

- Lesson Plan - Group
  https://t.me/joinchat/NIfCqVWwo5iL-21gpzrXLw

- 12th Standard - Group
  https://t.me/Padasalai_12th

- 11th Standard - Group
  https://t.me/Padasalai_11th

- 10th Standard - Group
  https://t.me/Padasalai_10th

- 9th Standard - Group
  https://t.me/Padasalai_9th

- 6th to 8th Standard - Group
  https://t.me/Padasalai_6to8

- 1st to 5th Standard - Group
  https://t.me/Padasalai_1to5

- TET - Group
  https://t.me/Padasalai_TET

- PGTRB - Group
  https://t.me/Padasalai_PGTRB

- TNPSC - Group
  https://t.me/Padasalai_TNPSC
2/3 Mark questions
1. Define Multimedia and their features.
2. List out Multimedia Components.
3. Classify the TEXT component in multimedia.
4. Classify the IMAGE component in multimedia.
5. Define Animation and their features.
7. List out audio file formats.
8. List out video file formats.
10. List out Multimedia Production team members.
12. Describe the features and techniques of animation.
13. Write roles and responsibilities of Production team members.
14. Describe the various file formats in multimedia.
15. Explain animation industry and their scope.
16. What is multimedia?
17. Write a short note on Raster or Bitmap Images.
18. Write a short note on Vector Images.
19. What is Animation and its types?
20. Write a short note on Image formats.
21. Expand TIFF, BMP, DIB, GIF, JPEG.
22. What is sound?
23. Write a short note on Digital audio and MIDI.
24. Write a short note on Text formats.
25. Write a short note on Analog video.

5 Mark Questions
2. Explain in detail Techniques of Animation.
3. Explore the opportunities Animation filed movie industry.
4. Explain in detail about production team Roles and Responsibilities.
5. Explain about different file formats in multimedia files.
6. Explain about components of multimedia.
7. Explain about File formats for multimedia.
8. Explain the steps involved in the multimedia production.
11. Explain the Image Formats in multimedia.
12. Explain about the applications of multimedia.

LESSON 2

2/3 Mark Questions
1. What is desktop publishing?
2. Give some examples of DTP software.
3. Write the steps to open PageMaker.
4. How do you create a new document in PageMaker?
5. What is a Pasteboard in PageMaker?
6. Write about the Menu bar of PageMaker.
7. Differentiate Ellipse tool from Ellipse frame tool.
8. What is text editing?
9. What is text block?
10. What is threading text blocks?
11. What is threading text?
12. How do you insert a page in PageMaker?
14. Mention three tools in PageMaker and write their keyboard shortcuts.
15. Write the use of any three tools in PageMaker along with symbols.
16. How do you rejoin split blocks?
17. How do you link frames containing text?
18. What is the use of Master Page?
19. How to you insert page numbers in Master pages?
20. What is DTP?
21. What is Adobe PageMaker?
23. How will you show / hide the rulers in PageMaker?
24. How will you select the text in PageMaker?
25. How will you delete the text in the PageMaker?
26. Difference between copying & moving text.
27. What is text block? How will you create a text block?
28. How will you resizing a text block?
29. How will you split the text block into two?
30. Write a short note on importing text.
32. How will you unthread a block in PageMaker?
33. How will you converting text in a text block to a frame?
34. How will you separate text from the frame?
35. List the Keyboard movement keys in PageMaker.
36. Write the shortcut key for Zoom in and Zoom out.
37. How will you show the Control Palette in PageMaker?
38. How will you fill the colors to the shapes?
39. How will you navigate to specific page in Pagemaker?
40. How will you insert and remove the pages in Pagemaker?
41. What is Master page?
42. How will you insert the page number in Master page?
43. How will you hide the Master items?
44. How will you show the Master page palette?
45. How will you create a new Master page?

5 Mark Questions
1. Explain the tools in PageMaker toolbox.
2. Write the steps to place the text in a frame.
3. How can you convert text in a text block to a frame?
4. Write the steps to draw a star using polygon tool?
5. How will you print a document in Pagemaker?
6. Explain Drawing tools in Pagemaker.

LESSON-3

2 /3 Mark Questions
1. Define Data Model and list the types of data model used.
2. List few disadvantages of file processing system.
4. List any two DDL and DML commands with its Syntax.
5. What are the ACID properties?
6. Which command is used to make permanent changes done by a transaction?
7. What is view in SQL?
8. Write the difference between SQL and MySQL.
9. What is Relationship and List its types.
10. State few advantages of Relational databases.
11. Explain on Evolution of DBMS.
12. What is relationship in databases? List its types.
13. Discuss on Cardinality in DBMS.
14. List any 5 privileges available in MySQL for the User.
15. Write few commands used by DBA to control the entire database.
16. What type of data is stored in a database?
17. What is DMBS?
18. Write a short note on feature of RDBMS?
19. List the three things to make up a database
20. What is primary key?
21. What is foreign key?
22. What is super key?
23. What is composite key?
24. Draw the notation that are used in ER model
25. List the commercial database software
26. List the three major parts that form a database
27. What is SQL?
28. List the type of SQL commands
29. What is where clause?
30. What are the operators used in SQL Query?
31. Write a short note on storing records
32. How will you modify the records?
33. Write a short note on having clause
34. Write a short note on joining tables

5 Mark Questions
1. Discuss on various database models available in DBMS.
2. List the basic concepts of ER Model with suitable example.
3. Discuss in detail on various types of attributes in DBMS.
4. Write a note on open source software tools available in MySQL Administration.
5. Explain in detail on Sub Queries with suitable examples.
6. List the MySQL administration open source software tools
7. Explain about the types of entity
8. Explain about the basic commands of SQL
9. Explain about administrative MySQL commands

LESSON 4

2/3 Mark Questions:
1. What are the common usages of PHP?
2. What is Webserver?
3. What are the types scripting language?
4. Difference between Client and Server?
5. Give few examples of Web Browser?
6. What is URL?
7. Is PHP a case sensitive language?
8. How to declare variables in PHP?
9 Define Client Server Architecture.
10. Define Webserver.
11. Write the features of server side scripting language.
12. Write is the purpose of Web servers?
14. In how many ways you can embed PHP code in an HTML page?
15. Write short notes on PHP operator.
16. What is PHP, How PHP script work?
17. Write the PHP syntax
18. What is variable in PHP?
19. List the basic rules for variable declaration
5 Mark Question
1. Explain client side and server side scripting language.
2. Discuss in detail about Website development activities.
3. Explain the process of Web server installation.
4. Discuss in detail about PHP data types.
5. Explain operators in PHP with example.

LESSON 5

2/3 Mark Questions
1. Define Function in PHP.
2. Define User define Function.
3. What is parameterized Function.
4. List out System defined Functions.
5. Write Syntax of the Function in PHP.
6. Define Array in PHP.
7. Usage of Array in PHP.
8. List out the types of array in PHP.
10. Write array Syntax in PHP
11. Write the features System define Functions.
12. Write the purpose of parameterized Function.
13. Differentiate user define and system define Functions.
14. Write Short notes on Array.
15. Differentiate Associate array and Multidimensional array.
16. What is function and its types?
17. Write the syntax for function calling?

5 Mark Questions
1. Explain Function concepts in PHP.
2. Discuss in detail about User define Functions.
3. Explain the Multidimensional Array.
4. Explain Array concepts and their types.
5. Explain Indexed array and Associate array in PHP.

Lesson -6

2/3 Mark Question
1. Define Conditional Statements in PHP
2. Define if statement in PHP.
4. List out Conditional Statements in PHP.
5. Write Syntax of the If else statement in PHP.
6. Define if... elseif....else Statement in PHP.
7. Usage of Switch Statement in PHP.
8. Write Syntax of Switch statement.
9. Write the features Conditional Statements in PHP.
10. Write is the purpose of if else if else statement.
11. Differentiate Switch and if else statement.
12. Write Short notes on Switch statement.
13. Differentiate if statement and if else if else statement.

5 Mark Question
1. Explain Function Conditional Statements in PHP.
2. Discuss in detail about Switch statement with an example.
3. Explain the process Conditional Statements in PHP?
4. Explain concepts of if else if else statement.

Lesson - 7

2/3 Mark Question
1. Define Looping Structure in PHP.
2. Define for loop in PHP.
3. What is For each loop in PHP?
4. List out Looping Structure in PHP.
5. Write Syntax of For loop in PHP.
6. Write Syntax of For each loop in PHP.
7. Write Syntax of while loop in PHP.
8. Write Syntax of Do while loop in PHP.
9. Compare For loop and for each loop.
10. Write the features Looping Structure.
11. Write the purpose of Looping Structure in PHP
12. Differentiate For each and While loop.
13. Write short notes on Do while Loop.
14. Differentiate While and Do while loops.

5 Mark Questions
1. Explain Looping Structure in PHP.
2. Discuss in detail about For each loop.
3. Explain the process Do while loop.
4. Explain concepts of for loop with example.
5. Explain array concepts in Looping Structure.

LESSON 8

2/3 Mark Questions
1. Define HTML form controls.
2. Define for Form Handling method in PHP.
3. What is Form Validation in PHP?
4. List out HTML control to support PHP language.
5. Write Syntax of Text box in HTML.
6. Define File handling in PHP.
7. Define Browse button in HTML.
8. Write Syntax of Browse button in HTML.
10. Write the features Form Handling.
11. Write the purpose Get method and Post method.
13. Write short notes on File handling.
14. Write short notes on File handling functions.
15. List out the html form controls
16. Write the syntax of PHP fopen()
17. Write the syntax of PHP fread()
18. Write the syntax of PHP fclose()
19. Write the syntax of PHP fwrite()
20. Write a short note on PHP appending a file
21. Write a short note on PHP appending a file parameters
22. Write a short note on AJAX

5 Mark Questions
1. Explain Form Handling methods.
2. Discuss in detail about HTML form controls.
3. Explain the process File handling.
4. Explain concepts of HTTP uploading process.
5. Explain in detail of File handling functions.

Lesson - 9

2/3 Mark Questions
1. What are the mysqli function available PHP?
2. What is mysqli function?
3. What are the types mysqli function available PHP?
4. Difference between Connection and Close function?
5. Give few examples of mysqli Queries.
6. What is Connection string?
7. What is web Database?
8. What is mysqli_fetch_assoc() Function?
10. Define mysqli_affected_rows() Function.
11. Write the Syntax for mysqli Queries.
12. Write is the purpose of mysqli function available.
14. Write MySQL Connection Syntax with example.
15. Write a note PHP MySQL database connection.
5 Mark Questions
1. Discuss in detail about MySQL functions with example.
2. Explain the Database error handling and management process in PHP.
3. Explain in details types of MySQL connection method in PHP.
4. Explain MySQLi Queries with examples.

Lesson -10

2/3 Mark Questions
1. Define Computer Network.
2. Define Internet.
3. What are the common uses of computer network?
4. List out some features of mobile network.
5. Difference between wired and wireless networks
6. Define ARPANET.
7. What is the usage of cloud storage and cloud computing?
8. What is meant by artificial Intelligence?
10. How computer networks saves the money saving?
11. List out the disadvantages of internet.
12. What is mobile network?

5 Mark Questions
1. Define computer networking and Internet.
2. Explain different developments on computer network and Internet.
3. Explain the growth of the computer networking.
4. Mention some uses of network at business, home, mobile, social application.

Lesson -11

2/3 Mark Question
1. Define Intranet
2. What is the uses of mobile networks?
3. List out the benefits of WiFi
4. How many types of RFID system available and what are they?
5. Compare Internet, Intranet and Extranet
6. List out the components of a RFID enabled system.
7. Write short notes on HTTP, HTTPS, FTP.
8. What are the layers available in TCP/IP Reference Model?
9. Expand ARP, ICMP, SMTP and DNS.
10. What is internet protocol?
11. What is TCP/IP?
12. Write about the broad types of network protocols.
13. List out the network applications. (Internet/Intranet/Extranet)
15. Expand OSI, WIFI, TCP/IP, ARPANET, RFID, HTTP
16. Expand HTTPS, SMTP, UDP, DNS, ICMP, IGMP, ARP, SSL, FTP.
5 Mark Questions
1. Explain about Internet, Intranet and Extranet.
2. Discuss about OSI model with its layers.
3. Difference between TCP/IP and OSI Reference Model.
4. Explain about the development, merits and demerits in Mobile networks.
5. Explain about TCP/IP layer.
6. Explain about ICMP & IGMP.

Lesson -12

2/3 Mark Questions
1. List any four domain names.
2. What is an IP address?
3. What are the types of IP address?
4. What is an URL?
5. List out four URLs you know.
6. What are the types of URL?
7. What is a domain?
8. What is a zone?
10. What are the categories available in domain name space?
11. Write any four generic Top Level Domain
12. Write a note on DNS.
14. Differentiate Domain name and URL
15. What are the differences between Absolute URL and Relative URL?
16. Write a note on domain name.
17. Differentiate web address and URL
18. List the types of Name Space.
19. What is Domain Name?
20. Write the basic rules of Domain Name.
21. List the generic Domain Name with meaning.
22. Write a short note on types of Name Server.
23. What is IANA?
24. What is web server?

5 Mark Questions
1. Explain briefly the components of DNS.
2. Classify and Explain the IP address.
3. Explain about the name server?
4. What is domain name space?
5. Explain how the DNS is working.
Lesson -13

2/3 Mark Questions
1. Write a note on twisted pair cable.
2. What are the uses of USB cables?
3. Write a note on the types of RJ45 connector.
4. What is an Ethernet port?
5. What is the use of Crimping tool?
6. What are the types of twisted pair cables?
7. Write a note on crossover cables
8. Write a short note on RJ45 connector.
9. What are the differences between serial and parallel ports?
10. What is meant by null modem cable?
11. What are the components involved in Ethernet cabling?
12. What are the types of Fibre optic cables?
13. What is Ethernet card and port?
14. What is crimping tool?

5 Mark Questions
1. What is meant by Registered Jack? Explain briefly the types of Jacks.
2. Explain wiring techniques used in Ethernet cabling.
3. Explain about RJ45 connector.
4. Explain the components used in Ethernet cabling.
5. Explain the types of network cables
6. Explain about crimping tool and process of crimping the ethernet cables.

Lesson -14

2/3 Mark Questions
1. Explain the History of open source software
2. What is meant by network simulator?
3. What is trace file?
4. Write short notes on NS2.
5. Explain NRFOSS.
6. What are the uses of Open source Network Software?
7. Explain Free software.
8. List out the Popular open source software.
9. Write note on open source hardware.

5 Mark Questions
1. Differentiate Proprietary and open source software.
2. List out the Benefits of Open Source Software
3. Explain various Open Source License.
4. Write the difference between open-source software and Free software.
5. What are the community included in Open-source software.
Lesson -15
2/3 Mark Questions
1. Define E-Commerce.
2. Distinguish between E-Business and E-Commerce
3. Differentiate tangible goods and electronic goods with example of your own.
4. What is dotcom bubble and dotcom burst?
5. Describe how E-Commerce is related to socio-technological changes.
6. Write a short note on the third wave of E-Commerce.
8. Write a note on name-your-price websites.
9. Write a note on physical product dispute of E-Commerce.

5 Mark Questions
1. Write about the development and growth of Electronic Commerce.
2. List all the E-Commerce business models and explain any four briefly.
3. Explain any five E-Commerce revenue models.
4. How would you differentiate a traditional commerce and E-Commerce?
5. What are the advantages and disadvantages of E-Commerce to a consumer?
6. Explain about the benefits of E-Commerce to a business organizations.
7. Explain about the limitations of E-Commerce.

Lesson -16
2/3 Mark Questions
1. Define electronic payment system
2. Distinguish micro electronic payment and macro electronic payment
3. List the types of micro electronic payments based on its algorithm
4. Explain the concept of e-wallet
5. Define micro electronic payment and its role in E-Commerce.
6. Compare and contrast the credit card and debit card.
7. Explain briefly Anatomy of a credit card.
8. Briefly explain the stored value card and its types.
9. Write a note on mining in cryptocurrency
10. Write the advantages of credit card.
11. What are the different ways of processing debit card transaction ?
12. What is bit coin ?
13. What is alt coin ?
14. Write the advantages of UPI.
15. What is BHIM ?
16. What is COD ?

5 Mark Questions
1. What is credit card? Explain the key players of a credit card payment system and bring out the merits of it.
2. Briefly explain Electronic Account transfer and its types.
3. Write a note on a. Internet banking b. Mobile banking
4. What is cryptocurrency? Explain the same.
5. Explain in detail: Unified payments interface
6. Explain about card based payment system.
7. Explain about classifications of electronic payment methods.
8. Explain about Electronic Account transfer.
9. Explain about Electronic cash payment system.

Lesson - 17

2/3 Mark Questions
1. Write about information leakage in E-Commerce.
2. Write a short note on typopiracy.
3. Define non-repudiation.
4. List the different types of security technologies in E-Commerce
5. Write about digital signature.
6. Write a note on certification authorities (CA)
7. List some E-Commerce Security Threats?
8. Differentiate asymmetric and symmetric algorithms.
9. Write a note on PGP.

5 Mark Questions
1. Write about dimensions of E-Commerce Security.
2. Explain encryption technology.
3. Differentiate digital signatures and digital certificates.
4. Define Secure Electronic Transaction (SET) and its features.
5. Briefly explain SSL.
6. What is E-Commerce security?
7. What is Digital certificates?

Lesson - 18

2/3 Mark Questions
1. Define EDI.
2. List few types of business documents that are transmitted through EDI.
3. What are the 4 major components of EDI?
4. What is meant by directories in EDIFACT?
5. Write a short note on EDI.
6. List the various layers of EDI.
7. Write a note on UN/EDIFACT.
8. Write a note on EDIFACT message.
9. Write about EDIFACT separators

5 Mark Questions
1. Briefly explain various types of EDI.
2. What are the advantages of EDI?
3. Write about structure of EDIFACT.