

ACADEMY FOR INFORMATION TECHNOLOGY AND MANAGEMENT STUDIES
 Final examination for Laptop PC hardware and Wi-Fi Networking
COMPUTER HARDWARE FUNDAMENTALS (Total Marks – 100)
Model Question Paper - I (Time – 2.30 Hrs)


I) Chose the Correct Answer

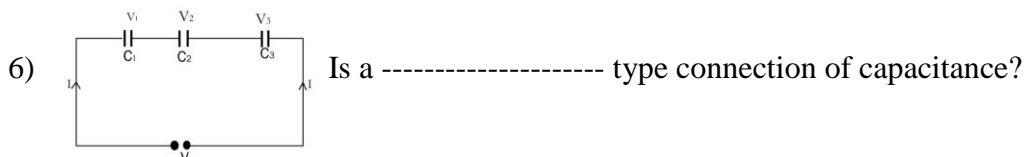
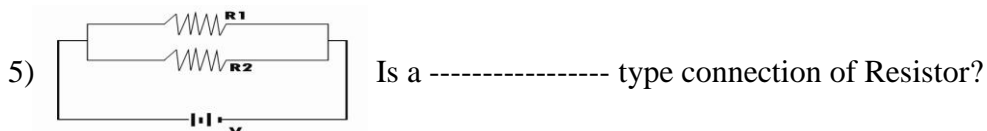
(Marks 10 x 2)

- 1) Electronics is branch of science which deals with the flow of-----?
 (Protons, Neutrons, Electrons)
- 2) Substances which did not allow current flow?
 (Conductors, Semiconductors, Insulators)
- 3) Silicon is a type of -----?
 (Conductor, Insulator, Semiconductor)
- 4) Substances which oppose the flow of current are called -----?
 (Inductors, Transistors, Resistors)
- 5) An Electrical device for storing electrical energy?
 (Transformer, Capacitor, Resistor)
- 6) The Binary of 25 is -----?
 (11001, 11010, 10111)
- 7) A Transformer works on the principal of -----?
 (Electro Magnetic Induction, Capacitance, Resistance)
- 8) Unit of Resistance is -----?
 (Ohms, Fared, Jules)
- 9) According to Ohms law $I =$ -----?
 (V/R , R/V , $V * R$)
- 10) The Unit of Inductance?
 (Webber, Henry, Ferry)

II) Fill in the Blanks

(Marks 10 x 2)

- 1) -----are those substance which allow the flow of electrons?
- 2)  is the symbol of -----?
- 3) -----is the Unit of Current?
- 4) Glass is an -----?



- 7) Base of Decimal is -----?
- 8) Base of Binary is -----?
- 9) The action of releasing the stored electricity in a capacitor is called -----?
- 10) Resistor which provides varying degrees of resistance is called -----?

III) Short Answer

(Marks 6 x 5)

- 1) Define Ohms Law?
- 2) What is Capacitor? Explain with example?
- 3) Convert the Fraction Decimal number to Binary?
0.8125
- 4) Find the Value of Resistance of the following colour coding?
Band 1- Red,
Band 2- Yellow
Band 3- Brown
5. Explain the function of North Bridge in a Mother board?
6. Define Output Devices?
7. Define Input Devices?
8. Explain Binary and Decimal Number system?

IV) Essay (Answer any Two of the following)

(Marks 2 x 15)

- 1) Define the Construction of Transformer with the help of a neat schematic diagram?
- 2) Draw the symbols of AND, OR , NOT, NAND, NOR logic gates and truth tables?
- 3) Explain TFT Display with a neat sketch?

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Final examination for Laptop PC hardware and Wi-Fi Networking
LAPTOP ARCHITECTURE AND NETWORKING (Total Marks – 100)
Model Question Paper - II (Time – 2.30 Hrs)

I) Chose the Correct Answer

(Marks 10 x 2)

- 1) Microsoft Windows XP is an.....software
(Application, Compiler, Operating System)
- 2) The devices that are installed on the computer are listed in.....
(My documents, recent document, device manager)
- 3) MANs Stands for.....
(Metropolitan Area Networks, Metro Access network, none)
- 4) is a Linux operating system
(Ubuntu, DOS, Mac OS)
- 5) windows media player is a software
(System, Application, Device driver)
- 6) CPU manipulates the data processing in a laptop
(True, false, none)
- 7) gives backup power supply to a laptop
(UPS, battery, power adapter)
- 8) is a pointing device
(Touch pad mouse, touch sensor, image sensor)
- 9) gives backup power supply to a laptop
(UPS, battery, power adapter)
- 10) is a system of linked networks that are worldwide
(Server, internet, client)

II) Fill in the Blanks

(Marks 10 x 2)

- 1) Windows media player is a software
- 2) Expansion of USB?
- 3) Windows vista is a software.
- 4) MAN stand for.....
- 5) LAN stand for.....
- 6) Touch pad is device
- 7) Expansion of AGP?
- 8) The device which Control the clock speed of CPU and North Bridge?
- 9) is inserted SODIMM memory module
- 10) Windows vista is a software

III) Define the Following

(Marks 6 x 5)

- 1) Define Protocol?
- 2) Explain how configure LAN IP settings
- 3) Explain laptop and different types of laptop
- 4) State the difference between laptop and desktop computers
- 5) Virtual Memory
- 6) Single tasking and Multi tasking?
- 7) Explain the steps to set a CDROM as first boot device
- 8) Explain system software and application software

IV) Essay (Answer any one of the following) (Marks 2 x 15)

- 1) Explain windows XP installation process
- 2) Define Laptops?
- 3) Explain the disassembling of laptop



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DIPLOMA IN COMPUTER HARDWARE AND NETWORKING

Total Marks: 100

Time: 2.30 hrs

I) choose the Correct Answer

(Marks 10 x 2 = 20)

- 1) MS-Office is asoftware
(Application, Compiler, Operating System, None of these)
- 2) MANs Stands for.....
(Metropolitan Area Networks, Metro Access network, None of these)
- 3) In DOS, 'type' command used to -----?
(View the file, Create a file, Edit a file, None of these)
- 4) Which DOS command used to Create a new file?
(mkdir, type, dir, None of these)
- 5) windows media player is a software
(System, Application, Device driver)
- 6) ----- enables the computer to output sound?
(VGA Adaptor, NIC, Sound Adapter)
- 7) ----- supply power to run the System Unit?
(Transformer, Eliminator, SMPS)
- 8) Windows is an
(Package, Language, Operating System, None of these)
- 9) Which of the following is not an example for Operating System
(Firmware, OS/2, Windows ME, SOLARIS]
- 10) Which of the following is an example for Secondary Storage Device ?
(CD-ROM, RAM, ROM, None of these)]

II) Fill in the Blanks

(Marks 10 x 2 = 20)

- 1) Expansion of USB?
- 2) Expansion of TCP/IP -----?
- 3) Expansion of AGP?
- 4) ----- is a peripheral which produces hard copy of documents stored in electronic form?
- 5) Expansion of DOS?
- 6) is an interface between user & computer?
- 7) 4GB is equal to ----- MB?
- 8) BIOS stands for ?
- 9) The initial windows screen is called ?
- 10) is a non volatile memory?

III) Attend any Six of the following

(Marks 6 x 5 = 30)

- 1) Define Input and Output devices?
- 2) Explain system software and application software
- 3) Define types of printers?
- 4) How to install a device driver?
- 5) Write down Parts used to assemble a Computer.
- 6) Explain BIOS setup configuration
- 7) My Computer

P.T.O

IV) Attend Two questions

(Marks 2 x 15= 30)

- 1) Explain windows XP installation process?
- 2) Explain the Different types of Computers and Different Characteristics of Computers
- 3) Define the following
 - a) Operating System
 - b) Recycle bin
 - c) Desktop
 - d) Folder
 - e) Fonts
 - f) DOS and Windows



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Model examination for DCFA

Total marks – 100

Time - 2.30 Hour

I) Choose the correct answer

20 X 2 = 40

1. The amount invested by the proprietor is called-----
[Capital, Drawings, Assets]
2. Product name is called -----
[Stock group, Stock category, Stock item]
3. Product name is called -----
[Stock group, Stock category, Stock item]
4. Tally follows-----method of accounts
[Cash, single entry, Accrual, None of these]
5. The main window of Tally is called -----
[Accounts info, display, Gateway of Tally]
6. Goodwill is a----- asset
[Tangible, Fixed, Intangible]
7. Capital comes under -----group in Peachtree
[Equity gets closed, current liability, Equity retained earnings]
8. Gross profit is the difference between-----
[Sales and Purchase, Sales and cost of goods sold, Sales and total cost]
9. The person who owe money to us are called -----
[Debtor, Creditor, Owner]
10. Banks under -----group in Tally
[Bank, Cash, Current asset, None of these]
11. _____ is a statement of ledger account balance at a particular instance.
(Balance Sheet / Trial Balance /Trading Account /None of these)
12. The function key to activate calculator is _____.
(Ctrl+F8 /Alt+F8 /Ctrl+N /Alt+N)
13. Owner's draw is called _____.
(Capital /Drawings /Stock /Payment)
14. All outstanding comes under _____ group in Tally.
(Current Asset /Current Liabilities /Fixed Asset /Both a&b)
15. _____ assets used for selling purpose.
(Fixed Asset /Intangible Asset/ Current Asset /None of these)
16. Analysis of recorded data to bring entries of similar nature to one place is called _____.
(Analysis / Summarising /Classifying /Recording)
17. Book keeping is concerned with _____.
(Analysis of transactions/ Recording of transactions / Classification of transactions /None of these)
18. A Bank Reconciliation Statement is prepared by _____.
(Banker /Customer / Debtor / Owner)

19. All non cash transactions are recorded in _____ voucher.
(Contra / Receipt /Journal /Payment)
20. Income received in advance is a _____
(Liability / Asset /Income /Expense)

II) State whether True or False.

10 X 2 = 20

1. Alt + C key is used for creating secondary ledger in Tally
2. Tally is used to create Database
3. Tally follows Cash accounting method.
4. Ctrl + F8 key is used to activate debit note voucher in Tally.
5. Interest on drawings is income
6. Journal voucher is used for adjustment transactions.
7. Cash or valuables owned by a business are a liability.
8. Revenues are amounts earned by selling the products of a concern.
9. Balance Sheet is prepared to show profit.
10. Goodwill is an intangible asset.

Match the following

5X 2 = 10

- | | |
|-------------------|--------------------------|
| 1. Stock Accounts | A) Receivable |
| 2. Debtors | B) Unsold Goods |
| 3. Drawings | C) Goods for sale |
| 4. Purchases | D) Long-term use |
| 5. Fixed Assets | E) Withdrawals by owners |

Answer any Ten of the following

10 X 3 = 30

1. Explain Accounting vouchers in Tally.
2. Write About Trade discount and Cash discount.
3. What are the functions and objects of accounting?
4. Explain the use of following keys:-
Ctrl +A, Ctrl + F8, Ctrl + F10
5. Write about journal and ledger.
6. Difference between Profit & loss account and Balance sheet.
7. Explain sales order processing and purchase order processing in Tally.
8. What is accounting? What are the types of accounts?
9. Draw the Tally startup screen; explain the structure of tally screen.
10. Explain four accounting voucher's in Tally?
11. What are the functions and objects of accounting?
12. What are the advantage of computerized accounting?
13. Write five primary group of ledgers in tally?

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Final Examination for DeskTop Publishing (DTP)

Time: 2.30 hours

Marks: 100

-
- I Choose the correct Answer (10*1=10)**
1. Dimension of A4 paper is
a. 297x420 b. 210x297 c. 148x20 d. 176x250
 2. Story editor is in which menu
a. File b. Edit c. Type d. View
 3. PageMaker Tool box has.....number of tools.
a. 10 b. 14 c. 16 d. 12
 4. Short cut for color palette is
a. Ctrl+B b. Ctrl+8 c. Ctrl+V d. Ctrl+J
 5. Extension of PageMaker publication is
a) .pmd b) .pad c) .pps d) .jpeg
 6. The number of pixels displayed presented of on image is called-----
a. Raster image b. scan image c. Image rotile d. image resolution
 7. ----- can be done by specifying values for changing the object directly
a. Position object b. Sizing of object c. Grouping of object
d. Skewing object
 8. Who invented punched card?
a. Jacquard b. Pascal c. Hollerith d. Babbage
 9. ----- are threaded together top to bottom beginning to end
a. Line tool b. Oval tool c. Master page d. Text block
 10. Which is the computer designed especially for business applications
a. IBM 360 b. UNIVAC c. EDSAC d. ENIAC

- II Fill in the blanks (1*5=5)**
1. is a part of command interpreter.
 2. Is the arrow which moves on the screen when moving the mouse.
 3. Text rotation is located on the ----- menu
 4. In Corel draw----- tool is used to select the text and object.
 5. Extension of MS word document is -----

- III Write command (1*5=5)**
1. Which command is used to display subdirectories?
 2. Insert a page in PageMaker
 3. Delete the name of the disk
 4. Stroke command located on the type menu
 5. Display Non -printing Items

IV Match the following

(1*5=5)

- | | | |
|---------------------|---|------------|
| 1. Corel draw | - | Windows |
| 2. Super Computer | - | dynamic |
| 3. RAM | - | Start menu |
| 4. Help | - | .cdr |
| 5. Operating system | - | cray |

V Write Short notes

(2X10=20)

1. Fill
2. Slice tool
3. Pixel
4. Edit story
5. Vector graphics
6. Drop cap
7. Artistic tool
8. Power clips
9. Sponge
10. Control Panel

VI Answer any five

(5*5=25)

1. Explain document set up in PageMaker
2. What is DTP?
3. Explain options of control palette in paragraph view
4. Explain RAM and ROM
5. Explain different types of printers
6. What are the advantages and disadvantages of a computer?

VII Answer any two of the following Questions

(15*2=30)

1. Explain the terms hardware and software Explain various components of hardware and different types of software
2. Explain CorelDraw Screen
3. Explain various options in Window, Utility and Element menu





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Final Examination for DCA/PGDCA/CTTC

Model Question Paper
Paper - I

Total marks – 100
Time - 2.30 Hour

I) Choose the correct answer

10 X 2 = 20

- 1..Doc is a extension of ----- file?
[PowerPoint, Excel, Word]
2. Spelling and Grammar in ----- Menu?
[Insert, Format, Tools]
3. Short cut for print a file?
[ctrl + C, ctrl + P, ctrl + O]
4. In MS-Word, ruler helps
[to set tabs, to set indents, to change page margins, All of the above]
5. To open the existing presentation, press
[CTRL + L , CTRL + N, CTRL + A , None of the above]
6. MS-EXCEL is a
[Word processing package, Spreadsheet package, Graphics package, DBMS]
7. MS-EXCEL is based on
[WINDOWS, DOS, UNIX, OS/2]
8. Using Find command in Word, we can search
[characters, formats, symbols, All of the above]
9. .cdr is the extension of ----- file?
[PageMaker, Photoshop, CorelDraw]
10. . The file extension for an EXCEL workbook is
[.XLS , .XLD, .XLL, None of the above]

II) Fill in the blanks

10 X 2 = 20

1. Expansion of DOS is -----?
2. -----is an extension of Power Point?
3. Slide sorter of PowerPoint is available on _____ menu.
4. Financial Statement is collectively called _____.
5. _____ is an Extension of Power Point
6. Auto text and Auto correct are _____ tools.
7. The grammar dialog box can be involved by choosing grammar from _____ menu.
8. When debit side is less than credit side, in trading account it is called _____.
9. A person who is entitled to get money from the business is termed as a _____
10. By default, organization chart window displays size of _____

P T O

III) State whether True or False**10 X 1 = 10**

1. To insert another slide in the presentation, press CTRL + M.
2. To select the entire worksheet in EXCEL, press CTRL + SHIFT + SPACEBAR.
3. The function to display the system date and time in EXCEL is TODAY ().
4. Press F10, to start "Help" in WINDOWS.
5. It is not possible to set the column height and row heights in EXCEL.
6. Alignment of data in the columns of EXCEL can be changed.
7. .txt is the extension of a word file.
8. In EXCEL, to join two strings the operator available is "&"
9. In EXCEL, formulae cannot be used with functions as they become complex equations.
10. In WINDOWS, to activate the menu bar press "ALT".

IV) Answer any five of the following**5 X 4 = 20**

- 1, Printer
2. Different between DOS and Windows
- 3, Recycle bin
- 4, Desktop
- 5, Icon
- 6, Folder

IV) Answer any two of the following**2 X 15 = 30**

1. Input and Out put devices
2. Define the following
 - a) Mail Merge
 - b) Chart
 - c) Bullets and Numbering
 - D) Paragraph
3. Journalize the following transactions

a) Purchased furniture for cash	Rs 3000
b) Purchased goods for cash	Rs 4200
c) Sold machinery for cash	Rs 6000
d) Paid salary	Rs 600
e) Received commission	Rs 400
f) Paid to kumar	Rs 500
g) Received cash from somu	Rs 1000
h) Paid for advertisement	Rs 200
i) Withdrew for domestic use	Rs 300



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Model Question Paper - II

Total marks – 100
Time - 2.30 Hour

I) Choose the correct answer

10 X 2 = 20

- 1, -----is an example for a Compiler?
C++, VB, Oracle, None of these.
2. Who is the father of Internet?
Charles Babbage, Dennis Ritchie, Ray Tomlinson, None of these
3. Extension of a VB project?
.vb, .vbp, .vpb, None of these
- 4, ----- is used to accepting data from the user ?
Combo box, Text box, label box
5. Extension of CPP?
.cp, .c, .cpp
6. Floating point constant is a -----?
Numerical Constant, Real Constant, String Constant
7. -----is appear on the right side of the VB Screen?
Tool Box, Form Window, Property Window
8. TCL stands for -----?
Transmission Control Language, Transaction Control Language, None of these
9. Floating point constant is a -----?
Numerical Constant, Real Constant, String Constant
10. Who is the father of C++?
Dennis Ritchie, Bjarnae Straustraup, Blaze Pascal

II) Fill in the blanks

10 X 2

= 20

11. ----- is the father of 'C' program?
12. CPP is a -----based of programming language?
13. ----- are Operators in CPP?
14. State an example for Float?
15. MDI Stands for -----
16. Extension of an CPP is -----
17. SQL stands for -----
18. A derived class ----- over ride attributes of a parent class?
19. The CPP operator used to allocate memory is -----?
20. A list of variables having the same name and Data Type is called a -----?

III) Answer any Five of the following

5 X 6 = 30

- 1, Define array in CPP?
2. Define Loops in CPP?
3. Write short notes on following :
 - (a) Embedded SQL
 - (b) Working with NULL values
 - (c) Database Objects
- 4, Define Structure in C?
- 5, Describe Inheritance?
6. Write a C++ program to find whether the given string is **PALINDROME** or not with the help of a **User Defined Function**.
7. Write a C program to calculate the area of a triangle?

III) Answer any two of the following

2 X 15 = 30

1. Briefly explain the basic structure of 'C' programs? What is meant by procedure oriented program? Explain briefly.
2. How to make the EXE file in CPP? Explain the working style of DO loops?
3. Describe the tools from the tool box of VB?
Write notes on
 - (i) Property Window
 - (ii) Event procedures.