

ACHARYA NAGARJUNA UNIVERSITY
B.Sc., (ERP, Multimedia and Web Designing) – CBCS from 2015
1st Year – 2nd Semester - E R P

Paper 203 – Accounting with Tally

Unit I: Generating Basic Reports: Financial Statements, Accounting Books and Registers: - Cash Book, Bank Book, Purchase Register, Sales Register, Journal Register, Debit Note Register, Credit Note Register, Day Book - **Inventory Books and Registers:** Stock Summary, Stock Item Summary, Stock Group Summary, Stock Transfer Register, Movement analysis, Physical Stock Register.

Unit II: Technological Advantage: Tally Vault, Security Controls, Back up of data and Restoring - Splitting Company Data - Export Reports to Excel - Printing Reports - Using Tally Audit Feature.

Unit III: Advanced Tally Features: Introduction, Functions, Creating of Multiple companies, Altering, Deleting firms. Setting User Levels - Configuring System.

Unit IV: Advanced Accounting: Cost Categories, Multi Currency Entries, Interest Calculation with Payables and Receivables - Bank Reconciliation Statements

Unit V: Stock Transfers, Purchase, Sales, Tracing Orders, Bill-wise Material, Price levels and Price Lists, Costing Methods, Generating Trail Balance

Reference Books:

1. Tally 9 in Simple Steps, Kogent Solutions Inc., John Wiley & Sons, 2008, 240pages
2. Financial Accounting on Computers Using Tally by Namrata Agrawal, Dreamtech Press, 2000 - 232 pages
3. Tally 9.0 (English Edition), (Google eBook) Computer World
4. Comdex Computer And Financial Accounting With Tally 9.0 by Vikas Gupta, ISBN: 8177227394, No. of Pages: 752, 2007.
5. Tally.ERP 9 Made Simple Basic Financial Accounting by BPB Publisher, ISBN-13: 978-81-8333-483-9
6. Tally ERP 9 For Real Time Accounting by Avichi Krishnan, BookGanga

ACHARYA NAGARJUNA UNIVERSITY
B.Sc., (ERP, Multimedia and Web Designing) – CBCS from 2015
1st Year – 2nd Semester -Multimedia

Paper 204 – Fundamentals of Multimedia Design

Unit I: Multimedia Data Representation: Digital Audio and Formats, Graphics / Image Color, and Mono and Gray scale Formats, Digital Video and Formats, Sampling / Digitization, Compression

Unit II: Multimedia Standards: MPEG and JPEG -. **Basic Tools for Multimedia Objects:** Text Editing and Word Processing Tools - Image editing tools

Unit III: Multimedia Tools: Painting and drawing tools - Sound editing tools - Animation, Video and Digital Movie tools

Unit IV: Raster graphics - Introduction, Print media, Introduction to Photoshop, Exploring User Interface: work space, tool bar, option, menu and panels, layers and channels, file formats, tools in Photoshop: toolbar and its properties, restoration & retouching. Color correction - layer properties and its utilities

Unit V: Vector graphics – Introduction, Print media, Introduction to CorelDraw, Exploring User Interface: work space, tool bar, property bar, standard bar, and palettes. Page set up - file formats, toolbar and menus - effects - utilities

Reference Books:

Introduction To Multimedia, Student Edition (MULTI-MEDIA (HS)) 1st Edition, McGraw Hill Education, 2010, ISBN-10: 0078942713.

Fundamentals of Multimedia, Ze-Nian Li and Mark S. Drew, ISBN: 0130618721, Prentice-Hall, 2004

Principles of Multimedia by Ranjan Parekh, Ranjan, Tata McGraw-Hill Education, 2006, ISBN: 0070588333

Multimedia Fundamentals by Steinmetz, Volume 1: Media Coding and Content Processing, 2/e, Pearson Education, 2004, ISBN-10: 8131709760

Graphic Design Solutions by Robin Landa, Cengage Learning, 4th Edition (2010)

Adobe Photoshop CS5 Classroom in a Book: The Official Training Workbook from Adobe Systems by Adobe Creative Team, Adobe, 1st Edition (2010)

CorelDRAW X6 The Official Guide by Gary David Bouton, Tata McGraw Hill, 1st Edition (2012)

Equipment:

Software Needed: Windows, MS Office, CorelDraw, Adobe PhotoShop, Sound Editing using Sound Forge and Video Editing using Adobe Premiere, Adobe Acrobat Pro, Prefer Adobe Creative Suite Master Collection

Hardware: Multimedia PC, 15" monitor with multiple video inputs, Scanner, DVD Recording Deck, Black and White Inkjet Printer and Laser Printer

Field Trips to Offset Printers, Screen Printers and Local Television Channels

ACHARYA NAGARJUNA UNIVERSITY
B.Sc., (ERP, Multimedia and Web Designing) – CBCS from 2015
1st Year – 2nd Semester – Web Designing

Paper 205: Web Site Design with HTML and CSS

Unit I: Working with HTML Lists: Ordered list, Unordered list, Nested list and Tables: Layout design - Rows and columns - Headings and cells – Rendering

Unit II: Advanced HTML: Frames – Navigation – Data Collection over web with Forms – Working with Hyperlinks, Images, Audio and Video - Pixels and resolution

Unit III: Cascading Style Sheet (CSS) – Basics, Creating, Syntax - Linking CSS and HTML - Inheritance and Cascading order - Box model - Font properties - Text properties - Content positioning

Unit IV: Common Gateway Interface (CGI) Scripts – Interface between a database and the Web – Executing Scripts with HTML Pages.

Unit V: Web Site Hosting: Creating a Web Sites with a minimum of 4 pages, Saving Site - Publishing Web site – Working Web Site as and when needed – Understanding Web Standards

Reference Books:

1. Chris Bates, Web Programming Building Internet Applications, Second Edition, Wiley, 2007
2. Jon Duckett, HTML and CSS: Design and Build Websites, John Wiley and Son Inc., 2011, ISBN-13: 978-1118008188
3. Jennifer Niederst Robbins, Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics, O'Reilly, 4th Editoin, 2012, ISBN-13: 978-1449319274
4. Raymond Greenlaw, Ellen Hepp , Fundamentals of the INTERNET and the World Wide Web, Second Edition , Tata McGRAW –Hill Edition, 2005
5. Paul S.Wang Sanda S. Katila, An Introduction to Web Design Plus Programming, Thomson(2007).
6. Robert W.Sebesta, Programming the World Wide Web, Third Edition, Pearson Education (2007).
7. Thomas A.Powell, The Complete Reference HTML & XHTML, Fourth Edition, Tata McGraw Hill (2006).
8. Joel Sklar, Principles of Web Design, Thomson (2007).
9. Raj Kamal, Internet and Web Technologies, Tata McGraw Hill (2007)

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B.Sc., (ERP, Multimedia, and Web Designing) – CBCS from 2015

Part II – ERP
1st Year – 2nd Semester

Paper 203 – Accounting with Tally

Time: 3 Hours

Max. Marks: 75

Section – A

Answer ALL Questions

5 x 5 = 25 Marks

1. What kind of financial statement can be generated from Tally?
2. Explain credit and debit note in Tally?
3. Give an example setting user levels?
4. What is exporting data from tally to EXCEL?
5. What is backup company data and how restore works?
6. What are cost categories?
7. Define Stock transfers?
8. What are inventory registers that can be defined in Tally?

Section – B

Answer Any five Questions

4 × 20 = 80 Marks

9. a) Explain report generation for Cash and Bank books in tally
OR
b) Explain the stock movement analysis in Tally
- 10) Describe the security controls in Tally?
OR
b) Describe the audit procedures in Tally?
11. a) Discuss the procedure to create multiple companies in tally?
OR
b) Discuss different user levels in Tally?
12. a) Explain the mechanisms to setting up for Multi Currency Entries?
OR
b) Discuss generating bank reconciliation statement in Tally?
13. a) Discuss the procedure to generate trial balance?
b) Discuss about Tracing Orders in Tally?

B.Sc., (ERP, Multimedia and Web Designing) – CBCS from 2015

Part II - Multimedia

1st Year – 2nd Semester

Paper 204 – Fundamentals of Multimedia Design

Time: 3 Hours

Max. Marks: 75

Section – A

Answer Any five Questions

5 x 5 = 25 Marks

1. Discuss the concept of compression in multimedia?
2. What the different data formats used for audio?
3. What is JPEG and where it is used in multimedia?
4. What are painting tools in multimedia?
5. Give three examples of Photoshop usage in print media?
6. What is difference between Raster and Vector graphics?
7. Describe any two effects in CorelDraw?
8. What are differences between mono and grayscale data formats?

Section – B

Answer ALL Questions

5 x 10 = 50 Marks

9. a) Explain the coloring formats used for images data?
OR
b) Discuss digital Video and Formats?
10. a) Describe the MPEG multimedia format?
OR
b) Explain the basic tools used in multimedia for text editing and word processing?
11. a) What are the basics of sound editing in multimedia?
OR
b) Discuss the movie editing tools in multimedia?
12. a) Describe the features of Photoshop?
OR
b) What are raster graphics used in Print media?
13. a) What are vector graphics and describe any three features?
OR
b) Discuss the text and drawing tool used in CorelDraw?

ACHARYA NAGARJUNA UNIVERSITY
B.Sc., (ERP, Multimedia and Web Designing)
1st Year – 2nd Semester

Part II - Web Designing
1st Year – Web Site Designing with HTML and CSS

Time: 3 Hours

Max. Marks: 75

Section – A

Answer Any five Questions 5 x 5 = 25 Marks

1. What are the two differences between ordered and unordered list?
2. Discuss about table format using HTML?
3. How to insert an image with HTML?
4. What is CSS and give examples?
5. What is CGI and how it interface with web?
6. Discuss about frames in HTML?
7. What are web standards?
8. What is publishing web site?

Section – B

Answer ALL Questions 4 x 20 = 80 Marks

9. a) Explain procedure to create table in HTML?
OR
b) What are nested list in HTML and give two examples?
10. a) Describe data collection over web with forms using HTML?
OR
b) Describe the procedure to create hyper links with two examples?
11. a) Write of a HTML program to print top four lines of this question papers?
OR
b) Write a program to show list of Courses with B.Sc, B.Com. and BA. Again each course has four choices underneath?
12. a) Explain mechanism to link CSS and HTML?
OR
b) Discuss about CGI Scripts?
13. a) Discuss about the Acharya Nagarjuna University Web Site?
OR
b) What are the advantages of web site?