CERTIFICATE COURSE 2018-19

Department Conducts a Certificate course on "INFORMATION TECHNOLOGY". The Duration of the Course is 30 hours. This course will provide the students an idea of basics of Computers and practical sessions on assembling and service of Information Technology.

ADD ON COURSE - IT
Syllabus

Paper I- Introduction to Computers

Unit I
What is a computer?- An introduction-uses of computers in modern society-weather forecasting. census. oil exploration. speech recognition, banking, publishing. accounting. research etc.

Unit II
History of computers, architecture of computers, characteristics of computers-speed, accuracy, storage and versatility

Unit-III
Computer Languages-Evolution of languages, machine language, assemble and high level language, third, fourth and fifth generation languages

Unit IV
Interfacing with computers- Input and output devices- keyboard, mouse, scanner, voice recognition systems, optical image systems, touch pad, light pens, sensors. VDU, CRT, HDTV, audio o/p devices.

Unit V
Storage devices-primary storage devices-RAM, SRAM, DRAM, ROM-secondary storage devices-magnetic tapes-discs-floppy, hard disk, optical disk, CD, DVD, bubble memory. memory cards. smart cards.

References
1. Peter Norton's Introduction to Computers, Sixth Edition, Tata Mc Graw Hill.
2. Fundamentals of Computers. V. Rajaraman, Prentice Hall of India, New Delhi.
3. Computer Fundamentals. P.K. Sinha. BPB Publications, New Delhi.

Paper II- Operating Systems and Packages

Unit I
Operating System- Categories of OS, Functions of OS

Unit II
Windows OS,

Unit III
MS-DOS, Linux, UNIX

Unit IV
Package I- MS-Office (Word, Excel, Power Point, Access), Information Systems, Automated Office Functions

Unit V
Package II- Computer Graphics, Typesetting and Designing, Desk Top Publishing (DTP) Tools and Techniques, Graphic Designing-Basics, Prepress Graphics

Practicals
File management in Windows

PRINCIPAL
Andhra Christian College
GUNTUR.

GUNTUR

ANDHRA CHRISTIAN COLLEGE
(Day, Evening & PG)

HEAD OF THE DEPT. Of
PHYSICS & COMPUTER SCIENCE
Andhra Christian College
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ADDON CERTIFICATE COURSE ON I.T

Multiple Choice Questions   **20Marks**

19/20

1. Software for which some fee has to be paid and it remains the property of its creator, is known as _____ software.

    (a) Open source   (b) Free

    (c) Proprietary ✓   (d) Friendly

2. Which of the following is the correct expansion of MMs ?

    (a) Maximum Messaging Service   (b) Minimum Messaging Service

    (c) Modified Messaging Service   (d) Multimedia Messaging Service ✓

3. Which of the following is not an e-Shopping portal ?

    (a) Swayam ✓   (b) Flikart

    (c) Amazon   (d) Snapdeal

4. Which of the following is not e-Governance portal ?

    (a) Umang   (b) Digilocker

    (c) Sarathi   (d) Swiggy ✓

5. Telnet is used for :

    (a) Video Conferencing   (b) Remote Login ✓

    (c) Online Chatting   (d) Sending e-mail

6. A _____ is a collection of multiple hyperlinked wed pages.

    (a) Web Browser   (b) Website ✓

    (c) Web Server   (d) Newsgroup

7. Which of the following is not an attribute of the HTMl <font> tag ?

    (a) face ✓   (b) Width

    (c0 size   (d) color

8. The default alignment of the text in <td> tag/element is _____ .

(a) centre   (b) left

(c) right   (d) justified

9. Which of the following options is INVALID attribute of HTML <ing> tag ?

(a) src   (b) width

(c) alt   (d) color

10. The default shape for an unordered list in HTML is _____ .

(a) o   (b) ☆

(c) ■   (d) •

11. Printer is an example of

(a) Soft copy   (b) Hard copy

(c) Photocopy   (d) Nothing

12. Data is permanently stored in

(a) Hard Disk   (b) RAM

(c) Printer   (d) Cache Memory

13. A bit can be

(a) 1 and 0   (b) 1 or 0

(c) 1 only   (d) 0 only

14. 1 byte consist of

(a) 4 bits   (b) 8 bits

(c) 16 bits   (d) 32 bits

15. The Keys starting with Character F1 to F 12 are

(a) Arrow keys   (b) Function keys

(c) Alphabet keys   (d) Numeric keys

16. For printing of large drawings and images we use

(a) Laser printer   (b) Plotter

(c) Line printer   (D) Dot matrix printer

17. A Digitizer uses a mouse like copying device called

(a) Puck   (b) Push

(c) Pop   (d) Paste

18. Video Display Adapters that takes 1024 * 768 pixels are

(a) VGA   (b) SVGA

(c) XGA   (d) GSA

19. pointing devices are

(a) Mouse   (b) trackball

(c) Touch Screen   (d)All of the above

20. a terabyte represents about

(a) 1 quadrillion bytes   (b) 1 trillion bytes

(c) 1 billion bytes   (d) 1 million bytes