

Third Semester

Computer Science/Software Engineering

Non-Major Elective — INTRODUCTION TO  
COMPUTER

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. The development of computers can be divided into  
\_\_\_\_\_ generations.

- (a) 3
- (b) 4
- (c) 5
- (d) 6

UNIVAC is an example of \_\_\_\_\_.

- (a) 1<sup>st</sup> generation computer
- (b) 2<sup>nd</sup> generation computer
- (c) 3<sup>rd</sup> generation computer
- (d) 4<sup>th</sup> generation computer

\_\_\_\_\_ is the most commonly used input device.

- (a) keyboard
- (b) mouse
- (c) joystick
- (d) scanner

LCD stands for \_\_\_\_\_.

- (a) Liquid Colour Display
- (b) Light Colour Display
- (c) Lithium Crystal Display
- (d) Liquid Crystal Display

The operating system that is self-contained in the device and resident in ROM is \_\_\_\_\_.

- (a) Batch-Processing OS
- (b) Real-Time OS
- (c) Embedded OS
- (d) Multiprocessor OS

6. GUI stands for \_\_\_\_\_ user Interface.  
(a) graphics (b) good  
(c) guide (d) none of these

7. Header and Footer is in \_\_\_\_\_ menu MS Word.  
(a) File (b) View  
(c) Edit (d) Insert

8. Print command comes under the \_\_\_\_\_ menu.  
(a) File (b) Format  
(c) Insert (d) Help

9. Transistor were used in \_\_\_\_\_ generation of computers.  
(a) First (b) Second  
(c) Third (d) Fourth

10. Which of the following cables support the high bandwidth and fastest transmission rate?  
(a) twisted pair cable  
(b) coaxial cable  
(c) open wire cable  
(d) fibre optic cable

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b), each answer should not exceed 250 words.

(a) Explain the classification of computers.

Or

(b) Describe the block diagram of a computer and features of personal computers.

(a) Explain the RGB and CMYK color modes in photoshop.

Or

(b) Write about the CD-ROM in brief.

(a) Write detailed notes on functions of CPU.

Or

(b) How does OS works? Explain.

(a) Explain the pie and column charts in Excel with illustration.

Or

(b) Write down the steps for copying and moving a section of text in MS Word.

15. (a) Discuss types of Computer Networks.

Or

(b) Describe the basics of Computer Networks and Transmission media.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b),  
each answer should not exceed 600 words.

16. (a) What are the characteristics of computer  
Explain.

Or

(b) Discuss various computer generations.

17. (a) Discuss the various types Input Devices  
their functioning.

Or

(b) Write an overview about output devices  
ALU.

18. (a) Explain the different types of OS.

Or

(b) Write about windows Accessories.

- (a) Enumerate the 'spelling and grammar' concepts in word document with example.

Or

- (b) Discuss the different formatting features of paragraphs in MS Word with illustration.

- (a) Explain in details about need for communication media.

Or

- (b) Define the term topology. Explain the different network topologies.
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