

(6 pages)

Reg. No. :

Code No. : 30868

Sub. Code : GNCS 3 A/
GNSE 3 A

U.G. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2013.

Third Semester

Computer Science — Non Major Elective

INTRODUCTION TO COMPUTERS

(For those who joined in July 2012 onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the best answer :

1. The base of Hexa decimal number system is
(a) 2 (b) 10
(c) 8 (d) 16
2. One Kilo byte contains how many bytes?
(a) 1000 (b) 1024
(c) 100 (d) 1002

3. The term PC means

- (a) Private computer
- (b) Personal computer
- (c) Public computer
- (d) None of these

4. Second generation of computer system uses

- (a) Transistors (b) Vacuum tubes
- (c) Silicon chips (d) None of these

5. Which of the following is a input device?

- (a) Keyboard (b) Printer
- (c) Monitor (d) None of these

6. Which of the following is a output device?

- (a) Keyboard (b) Printer
- (c) Monitor (d) None of these

7. Magnetic disk a medium known as _____ access.

- (a) Serial (b) Direct
- (c) Sequential (d) None of these

Page 2 Code No. : 30868



8. Which of the following is not a storage device?

- (a) DVD (b) CD
- (c) Mouse (d) Floppy

9. Which of the following is a network topology?

- (a) Square (b) Star
- (c) Moon (d) None of these

10. What does URL stands for?

- (a) United resources link
- (b) Universal resources locator
- (c) Uniform resource locator
- (d) Uniform reverse locator

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) What are Octal no.s?

Or

(b) Write about NOR gate with neat diagram.

12. (a) Discuss the evaluation of computers.

Or

(b) Explain data handling technique in various computers.

Page 3 Code No. : 30868

13. (a) What is the use of Keyboard? Explain.

Or

(b) What is output device? Explain plotters.

14. (a) What is ROM? Explain.

Or

(b) Explain Magnetic optical disk in computer.

15. (a) Explain about Bridge and Router.

Or

(b) What is the use of E-mail? Explain.

SECTION C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

16. (a) Convert the following:

- (i) $(ABC)_{16} = ()_{10}$.
- (ii) $(777)_8 = ()_{10}$.
- (iii) $(101010)_2 = ()_{10}$.

Or

(b) Explain the following with neat diagram

- (i) AND
- (ii) OR
- (iii) NAND.

Page 4 Code No. : 30868

[P.T.O.]



17. (a) Describe the characteristics of computers.

Or

(b) Write in detail about Generation of computer.

18. (a) Explain the following:

(i) Monitor

(ii) Printer

(iii) Plotters.

Or

(b) Write in details about

(i) Scanners

(ii) MICR.

19. (a) What is Random Access Memory? Explain.

Or

(b) Explain:

(i) Secondary storage devices

(ii) Universal Serial Bus.

20. (a) Write about:

(i) LAN

(ii) WAN

(iii) MAN.

Or

(b) What is the use of Internet? Explain its Application.

