



**COMMERCE  
FACTORY**

**THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2016**

(CUCBCSS—UG)

Common Course

**A 12—GENERAL INFORMATICS**

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.  
Each question carries 1 mark.*

I. Choose the correct answer :

1. Which of the following is not an output device ?

- (a) Printer. (b) Monitor.  
(c) Hard Drive. (d) Speakers.

2. Links you can click on a web site include :

- (a) Highlighted Text. (b) Highlighted Graphics.  
(c) Buttons. (d) All of the above.

3. On the keyboard, the key you press to finalize a command or entry is :

- (a) Enter. (b) Control.  
(c) Escape. (d) All of the above.

4. The name of the first digital computer is :

- (a) ENIAC. (b) IBM 132.  
(c) Mark I. (d) APPLE II.

5. The first personal computer was introduced by :

- (a) IBM. (b) Commodore.  
(c) Apple. (d) None of these.

II. Fill up the blanks :

6. Second generation computers contained \_\_\_\_\_ in place of vacuum tubes.

7. \_\_\_\_\_ cards are an integrated circuit that generates an audio signal and sends it to a computer's speakers.

8. WAN stands for \_\_\_\_\_.

9. Ethernet networks transmit data in small units. These units are called \_\_\_\_\_.

10. \_\_\_\_\_ is a set of computer programs used on a computer to help perform tasks.

(10 × 1 = 10 marks)

**Turn over**

### Part B (Short Answer Questions)

Answer any eight questions.  
Each question carries 2 marks.

11. What is a network adaptor?
12. What is a blog?
13. What is meant by Smart Card?
14. What is knowledge management?
15. Who is a white hat hacker?
16. What do you understand by the term copyrights?
17. What is meant by G2B interaction?
18. What is system software?
19. Define Information Technology.
20. What is a network topology?

(8 × 2 = 16 marks)

### Part C (Short Essay Questions)

Answer any six questions.  
Each question carries 4 marks.

21. Explain various input devices.
22. What are the uses of Internet?
23. Explain communication technology?
24. What are the benefits of E-governance?
25. Write a note on cloud computing.
26. What are the signs and symptoms of cyber addiction?
27. What are the advantages of Linux?
28. Write a note on BRNET.

(6 × 4 = 24 marks)

### Part D (Essay Questions)

Answer any two questions.  
Each question carries 15 marks.

29. What is a Computer Network? Explain the different types of Computer Networks.
30. What are the advantages and disadvantages of mobile computing?
31. Write a note on Information Technology Act, 2008. What are the things a netizen should keep in mind while operating the internet?

(2 × 15 = 30 marks)

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(Pages : 4)

Name.....

Reg. No.....

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**A 12—GENERAL INFORMATICS**

(Multiple Choice Questions for SDE Candidates)

Time : 15 Minutes

Total No. of Questions : 20

Maximum : 20 Marks

## **INSTRUCTIONS TO THE CANDIDATE**

1. This Question Paper carries Multiple Choice Questions from 1 to 20.
2. The candidate should check that the question paper supplied to him/her contains all the 20 questions in serial order.
3. Each question is provided with choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and enter it in the main answer-book.
4. The MCQ question paper will be supplied after the completion of the descriptive examination.

**A 12-GENERAL INFORMATICS**  
(Multiple Choice Questions for SDE Candidates)

1. The patent system in India is governed by the \_\_\_\_\_.
  - (A) Patents Act, 1970.
  - (B) Patents Act, 1911.
  - (C) Patents Act 1972.
  - (D) None of these.
  
2. TRIPS means \_\_\_\_\_.
  - (A) Trade Related Aspects of Intellectual Property Rights.
  - (B) Trade Related Activities and Information Providing Rights.
  - (C) Round trip to Europe.
  - (D) None of these.
  
3. Which of the following symbols cannot be used in searching on the internet ?
  - (A) -.
  - (B) +.
  - (C) -.
  - (D) None of these.
  
4. Intellectual Property Rights does not cover the following area :
  - (A) Copyright.
  - (B) Patents.
  - (C) Trademark.
  - (D) None of these.
  
5. \_\_\_\_\_ developed a computer language called LOGO, so that children could program computers.
  - (A) Seymour Papert.
  - (B) Jean Piaget.
  - (C) Microsoft.
  - (D) None of the above.
  
6. When shopping on-line which of the following does NOT indicate that you have a secure connection displays ?
  - (A) A closed padlock icon in the status bar.
  - (B) The URL begins with https.
  - (C) The word "secure" in the title bar.
  - (D) The VeriSign seal on the web page.

7. GPS chips are :
- (A) Installed in all newly manufactured automobiles.
  - (B) Installed in all newly manufactured cell phones.
  - (C) Reliable only when installed in tablet PCs.
  - (D) Available only for PDAs and smart phones.
8. Portable devices that can be synchronized with your home computer are :
- (A) PDAs and GPS units.
  - (B) iPods PDAs and Cell phones.
  - (C) Pagers and GPS units.
  - (D) Any device with Bluetooth.
9. What is the full form of SMS ?
- (A) Switched Mode System.
  - (B) Short Message Service.
  - (C) Short Mail Service.
  - (D) None of these.
10. The concept of line of sight means :
- (A) Alignment of sending and receiving devices.
  - (B) Alignment of only hand devices.
  - (C) Alignment of only receiving devices.
  - (D) None of these.
11. Which of the following support is not available on MMS ?
- (A) Text.
  - (B) Video.
  - (C) Graphics.
  - (D) None of these.
12. Examples of output devices are :
- (A) Screen.
  - (B) Printer.
  - (C) Speaker.
  - (D) All of these.
13. Any two computers connected through a telephone line should be connected with a \_\_\_\_\_ on both sides.
- (A) Printer.
  - (B) Scanner.
  - (C) Hard Disk.
  - (D) Modem.

Turn over

14. A server in LAN is a :
- (A) NIC.
  - (B) Work station with huge secondary storage.
  - (C) Device offering service to user.
  - ✓ (D) None of these.
15. Different computers are connected to LAN by a cable and :
- ✓ (A) Special wires.
  - (B) Telephone lines.
  - (C) Modem.
  - (D) Interface card.
16. The most flexible network topology is :
- (A) Ring.
  - (B) Star.
  - ✓ (C) Bus.
  - ✗ (D) None of these.
17. Linux is a \_\_\_\_\_ Operating System.
- ✓ (A) Open-source.
  - (B) Windows.
  - (C) Microsoft.
  - (D) Mac.
18. Which of the following statements is wrong ?
- ✓ (A) Windows XP is an operating system.
  - (B) Linux is owned and sold by Microsoft.
  - (C) Photoshop is graphical design tool by Adobe.
  - (D) Linux is a free and open source software.
19. Which *one* of the following statements is NOT true about instant messaging ?
- (A) It is a popular form of communication.
  - (B) You communicate in real time.
  - (C) Only *two* people can MI at the same time.
  - ✓ (D) Like e-mail IM is not good for private conversations.
20. With a podcast, you can :
- (A) Subscribe to video and audio content.
  - (B) Have the most recent content "delivered" automatically.
  - (C) Play the video and audio content on an MP3 player.
  - ✓ (D) All of the above.