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**CF COMMERCE FACTORY**

(Pages : 3)

Name.................................

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# THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION NOVEMBER 2015

## (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)  Hibernation.        (b)  A warm boot.

   (c)  A cold boot.        (d)  A standby start.

2  An Ethernet port is used for connecting your computer to :

   (a)  A network. ✓        (b)  A monitor.

   (c)  A printer.        (d)  A digital camera.

3  The most common computer pointing device is :

   (a)  Your finger.        (b)  A trackball. ✓

   (c)  A mouse.        (d)  None of the above.

4  Which of the following is the first general purpose computer ?

   (a)  Mark 1.        (b)  IBM123.

   (c)  ENIAC. ✓        (d)  Apple II.

5  Which of the following period is the second generation of computing ?

   (a)  1945-55.        (b)  1964-1971.

   (c)  1956-63. ✓        (d)  None of these.

II. Fill up the blanks :

6 ——— developed the integrated circuits.

7 USB stands for ———.

8 ——— is the primary large printed circuit board within a personal computer.

9 Our public telephone network is also known as ———.

10 Linux is a ——— Operating system.

(10 × 1 = 10 marks)

## Part B (Short Answer Questions)

*Answer any* **eight** *questions.*
*Each question carries 2 marks*

11 What is networking software ?

12 What is internet ?

13 What do you understand by the term UNIX ?

14 What is meant by text messaging ?

15 Who is a black hat hacker ?

16 What is a virus ?

17 What is a trademark ?

18 What is meant by the term GPS ?

19 What is application software ?

20 What is meant by HTML ?

(8 × 2 = 16 marks)

## Part C (Short Essay Questions)

*Answer any* **six** *questions.*
*Each question carries 4 marks.*

21 Explain various output devices.

22 Briefly explain the different components of a computer network.

23 Explain the major application softwares.

24 Explain Reprographic, Micrographic and Printing Technologies.

25  What are the disadvantages of mobile computing ?

26  How a person can tackle phishing and pharming ?

27  What are the risk factors for internet addiction ?

28  Write a note on UNICODE.

(6 × 4 = 24 marks)

## Part D (Essay Questions)

*Answer any **two** questions.*
*Each question carries 15 marks.*

29  What is a Topology ? Explain various networking topologies.

30  Define E-governance. What are the various types of interactions in E-governance ?

31  What are the advantages and features of NICENET ?

(2 × 15 = 30 marks)

# THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2015

(CUCBCSS—UG)

Common Course

## 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. Which of the following is annoying, but really doesn't render any harm to your computer ?

   (A) Adware.

   (B) Spyware.

   (C) Sneakware.

   (D) Malware.

2. When hacker use a program that pretends to be useful to a user while actually allowing the hacker to gain control of the user's computer, this is called a :

   (A) Zero-day attack.

   (B) Trojan Horse Attack.

   (C) Distributed Denial of Service Attack.

   (D) Boot Sector Virus Attack.

3. Viruses that travel from computer to computer on their own (independent of host) are called :

   (A) Worms.

   (B) Stealth viruses.

   (C) Logic bombs.

   (D) Macro viruses.

4. Which of the following is not harmful for your computer ?

   (A) Malware.

   (B) Spyware.

   (C) Virus.

   (D) Cookies.

5. This refers to the gap between people who possess regular access to information technology and those who do not have this access :

   (A) Digital divide.

   (B) Discrimination.

   (C) Computer divide.

   (D) None of these.

———— are programs that attach themselves to a computer or a file and then circulate themselves to other files and to other computers on a network.

   (A) Virus.

   (B) Logic bomb.

   (C) Web jacking.

   (D) None of these.

7. ———— is the process of coding and scrambling of messages to prevent unauthorized access to or understanding of the data being transmitted.

    (A) Encryption.

    (B) Firewalls.

    (C) Antivirus program.

    (D) None of the above.

8. ———— is a situation where an individual is given too much information and as a result he is confused and cannot make optimal decisions.

    (A) Information overload.

    (B) Cyber addiction.

    (C) Internet addiction.

    (D) None of the above.

9. Which chapter of the IT Act deals with computer related unlawful acts ?

    (A) Chapter X.

    (B) Chapter IX.

    (C) Chapter XI.

    (D) Chapter VIII.

10. This is a software that is distributed under a licensing arrangement and which allows the computer code to be shared, viewed and modified by other users and organisations.

    (A) Free software.

    (B) Open Source Software.

    (C) GNU.

    (D) None of the above.

11. ———— is a set of computer programs used on a computer to help perform tasks.

    (A) A processor.

    (B) Memory.

    (C) Software.

    (D) A command.

12. A ———— uses pictures (icons) and menus displayed on the screen to send commands to the computer system.

    (A) Command-based user interface.

    (B) GUI.

    (C) System utility.

    (D) None of these.

13. Which of the following is True ?

    (A) MP3 files contain audio data.

    (B) MP3 files are the only recognized format for digital audio.

    (C) Windows media player is able to organize large collections of audio files.

    (D) Only (A) and (C) are True.

**Turn over**

14. When shopping online, 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.

15. An online journal or chronological posting of thoughts and opinion is a [n] :

    (A) Podcast.            (B) Wiki.

    (C) Blog.             (D) IM chat.

16. The most wired country in the world is :

    (A) Germany.          (B) Japan.

    (C) The US.           (D) South Korea.

17. Which of the following is not a good reason to learn more about computers ?

    (A) To keep your home secure.

    (B) To increase your career options.

    (C) To learn how to hack into an organisation's main computer.

    (D) To make better informed purchasing decisions.

18. Computer forensics :

    (A) Uses computer technology to gather potential legal evidence.

    (B) Helps identify the remains of bodies.

    (C) Investigates a suspect's home computer for evidence.

    (D) All of the above.

19. Artificial intelligence is concerned with making computers behave like :

    (A) Humans.          (B) Robots.

    (C) Home appliances.     (D) None of these.

20. emotion stands for :

    (A) Happy.          (B) Sad.

    (C) Surprise.       (D) None of the above.