

D 31527

(Pages : 3)

Name.....

Reg. No.....

**THIRD SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

B.Com/B.B.A.

BCM 3A 12/BBA 3A 12—GENERAL INFORMATICS

(2017—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

I. Choose the correct answer :

- 1 Linux is a _____ Operating System.
 - a) Open-source.
 - b) Windows.
 - c) Microsoft.
 - d) Mac.
- 2 A legal monopoly granted for a limited time to the owner of an invention :
 - a) Patent.
 - b) Copyright.
 - c) Trade Mark.
 - d) None of the above.
- 3 Which type of e-governance is created between the government and business ?
 - a) G2G.
 - b) G2C.
 - c) G2B.
 - d) None of these.
- 4 CAI stands for :
 - a) Computer Aided Institution.
 - b) Computer Aided Instruction
 - c) Computer Assisted Institution.
 - d) None of these.

Turn over

- 5 This refers to the use of small and portable computing devices in wireless enabled networks that provide wireless connections to a central main server :
- a) Cloud computing.
 - b) Mobile computing.
 - c) Green computing.
 - d) None of these.

II. Fill in the blanks :

- 6 _____ refers to a code of safe and responsible behavior for the Internet Community.
- 7 _____ is a set of computer programs used on a computer to help perform tasks.
- 8 This is a satellite-based navigation system made up of a network of 24 satellite placed into orbit by the US Department of Defence.
- 9 _____ is a plastic card embedded with a computer chip that stores and transfers information.
- 10 VPN stands for _____.

(10 × 1 = 10 marks)

Part B

*Answer any **eight** questions from the following.
Each question carries 2 marks.*

- 11 What is knowledge management ?
- 12 What is information overload ?
- 13 What is an operating system ?
- 14 What is digital divide ?
- 15 What is a bus network ?
- 16 What is cloud computing ?
- 17 What is MAN ?
- 18 What is EDI ?
- 19 What is a B2B transaction ?
- 20 What do you mean by proprietary software ?

(8 × 2 = 16 marks)

Part C

*Answer any **six** questions from the following.*

Each question carries 4 marks.

- 21 Explain the objectives of INFLIBNET.
- 22 What do you mean by network topology ? Explain the major types of network topology.
- 23 Discuss different types of software.
- 24 What is NICENET ?
- 25 Explain the uses of internet.
- 26 Discuss the consequences of cyber addiction.
- 27 Explain the significance of opensource software.
- 28 Write a note on cyber ethics.

(6 × 4 = 24 marks)

Part D

*Answer any **two** questions from the following.*

Each question carries 15 marks.

- 29 What is GPS ? Explain the uses of GPS.
- 30 Discuss the emerging trends in IT.
- 31 Define E-governance and discuss the major initiatives in e-governance.

(2 × 15 = 30 marks)

D 11763

(Pages : 3)

Name.....

Reg. No.....

**THIRD SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2021**

B.Com.

BCM 3A 12—GENERAL INFORMATICS

(2017—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

I. Choose the correct answer :

- 1 The resolution of a monitor is governed by the :
 - a) Size of the screen.
 - b) Cost of the monitor.
 - c) Number of pixels on the screen.
 - d) Contrast of the pixels on the screen.
- 2 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.
- 3 In a web address <http://www.irs.gov>, the .gov would be considered the :
 - a) URL.
 - b) Top-level domain.
 - c) Protocol.
 - d) Web address.
- 4 The most powerful computer is most likely called a :
 - a) Workstation.
 - b) Minicomputer.
 - c) Mainframe.
 - d) Supercomputer.

Turn over

5 PDF stands for _____.

- a) Portable Document Format. b) Portable Document File.
c) Pre Defined Format. d) Pixel Dots Format.

II. Fill in the blanks :

6 _____ is the period of second generation of computing ?

7 VPN stands for _____.

8 Baud rate is measured in _____.

9 _____ refers to unlawful acts where computer is a tool or target or both.

10 PDF stands for _____.

(10 × 1 = 10 marks)

Part B

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

11 What is WAN ?

12 What is HTML ?

13 What is G2B interaction in e-governance ?

14 What is EDI ?

15 What are intellectual property rights ?

16 What is Inflibnet ?

17 What is Hacking ? What are the types ?

18 What are Cookies ?

19 What is Ubuntu ?

20 What is GNOME ?

(8 × 2 = 16 marks)

Part C

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

- 21 What are the basic components of a network system ?
- 22 Explain application software with examples.
- 23 Explain four benefits of e-governance.
- 24 Explain the applications of IT in healthcare with examples.
- 25 What is GPS ? Specify its uses.
- 26 Explain cloud computing. What are its types ?
- 27 What are the advantages of Linux ?
- 28 What are the ways to tackle computer viruses ?

(6 × 4 = 24 marks)

Part D

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

- 29 What is a network and its different types ? What are the components of a network ?
- 30 What is e-governance ? What are the disadvantages of e-governance ? What are the types of interactions in e-governance ?
- 31 What is cyber addiction ? What are its symptoms ? What are the risks of cyber addiction ?

(2 × 15 = 30 marks)

D 91626

(Pages : 3)

Name.....

Reg. No.....



**THIRD SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2020**

B.Com.

BCM 3A 12—GENERAL INFORMATICS

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part I

Answer all questions.

Each question carries 1 mark.

I. Choose the correct answer :

1 The computer network that spans a relatively small area :

- (a) WAN.
- (b) MAN.
- (c) LAN.
- (d) TAN.

2 The concept used for any type of commercial manoeuvring, or business deals that involves the transfer of information across the globe via internet :

- (a) E-mail.
- (b) E-learning.
- (c) E-business.
- (d) E-commerce.

3 The legal instrument (usually by way of contract law) governing the usage or redistribution of software. All software is copyright protected, except material in the public domain :

- (a) Software license.
- (b) Owners agreement.
- (c) Tenancy.
- (d) Legacy.

4 This means a place to store knowledge and retrieve knowledge. Eg. internet, :

- (a) Knowledge centre.
- (b) Knowledge depository.
- (c) Knowledge bank.
- (d) Knowledge repository.

Turn over

5 A set of exclusive rights granted by a state to an inventor or his assignee for a limited period of time in exchange for a disclosure of an invention. Only non-obvious ideas can be patented :

(a) Patent.

(b) Franchise.

(c) Copyright.

(d) Goodwill.

II. Fill up the blanks :

- 6 System _____ software makes the computer ready to interact with the user. Without this a computer cannot work.
- 7 A _____ hacker is a person who breaks into computers, usually by gaining access to administrative controls.
- 8 A program or programming code that duplicates itself and infects the computer is termed a _____.
- 9 _____ is the study and practice of using computing resources efficiently.
- 10 A _____ is a storage location from which software packages may be retrieved and installed on a computer.

(10 × 1 = 10 marks)

Part II

Answer any eight questions.

Each question carries 2 marks.

- 11 What do you mean by communication processor ?
- 12 What do you understand by Network adapters ?
- 13 What are the major image input devices in a computer system ?
- 14 What is PAN ?
- 15 Write a note on website.
- 16 What do you mean by Free Software ?
- 17 What is information need ?
- 18 State the disadvantages of e-governance.
- 19 Define mobile compounding.
- 20 What do you mean by Bluetooth ?

(8 × 2 = 16 marks)

Part III (Short Essays)

Answer any six questions.

Each question carries 4 marks.

- 21 Explain star topology. What are its merits ?
- 22 Write a note on blog.
- 23 What is star topology ?
- 24 Is DNA Computer a Reality ? Discuss.
- 25 Distinguish between Data, Information, Knowledge and Knowledge management.
- 26 State the importance of LINUX.
- 27 Mention the problem in using computers in local language.
- 28 Write note on IT and regional languages.

(6 × 4 = 24 marks)

Part IV (Long Essays)

Answer any two questions.

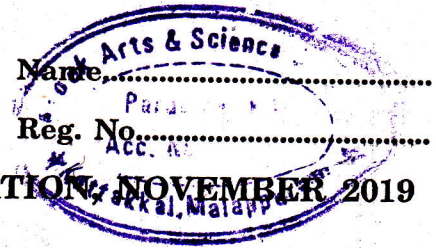
Each question carries 15 marks.

- 29 What are the different types of operating system ? Explain with examples.
- 30 Elaborate the need for use of IT in Education.
- 31 Mention the common guidelines for the usage of computers and internet.

(2 × 15 = 30 marks)

D 71553

(Pages : 3)



THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

B.Com./B.B.A.

BCM 3A 12—GENERAL INFORMATICS

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part I

Answer all questions.

Each question carries 1 mark.

I. Choose the correct answer :

- 1 An Ethernet port is used for connecting a computer to :
 - (a) A network.
 - (b) A printer.
 - (c) A monitor.
 - (d) A digital camera.
- 2 Unix is an :
 - (a) Communication system.
 - (b) Application software.
 - (c) Database program.
 - (d) Operating system.
- 3 Which of the following is not harmful for your computer :
 - (a) Malware.
 - (b) Cookies.
 - (c) Virus.
 - (d) Spyware.
- 4 Which topology connects all devices (nodes) to each other for redundancy and fault tolerance ?
 - (a) Bus topology.
 - (b) Ring topology.
 - (c) Mesh topology
 - (d) Star topology.
- 5 Expand the term HTML :
 - (a) Hindustan Tools and Machine ltd.
 - (b) Highly Technical Machine Language.
 - (c) Hyper Text Markup Language.
 - (d) Heavy Tools and Machine Leasing.

Turn over

II. Fill up the blanks :

- 6 _____ is live online communication between two users via computer.
- 7 _____ Programs are those programs which enable a user to create a slideshow and present his topics in the form of slides.
- 8 _____ is the electronic transmission and receiving of messages, information, data files, letters or documents by means of point-to-point systems or computer-based messages system.
- 9 _____ is a flat film having large number of images arranged in rows and columns.
- 10 In _____ case, an interface is created between the government and citizens who enables the citizens to benefit from efficient delivery of a large range of public services.

(10 × 1 = 10 marks)

Part II

Answer any eight questions.

Each question carries 2 marks.

- 11 What is Interoperability ?
- 12 What do you mean by mobile computing ?
- 13 What do you mean by Cloud computing ?
- 14 What is data ?
- 15 Write a note on Knowledge management.
- 16 What is INFLIBNET ?
- 17 What is the significance of DIGITAL DIVIDE ?
- 18 What is Email spam ?
- 19 What is Information overload ?
- 20 Write not on Febora.

(8 × 2 = 16 marks)

Part III (Short Essays)

Answer any six questions.

Each question carries 4 marks.

- 21 What do you mean by SOFTWARE REPOSITORIES ? Explain.
- 22 State the procedure Inserting Graphics.

- 23 Mention the main features of GNOME.
- 24 List the Disadvantages of Linux.
- 25 What do you mean by Language localization process ?
- 26 What do you mean by information overload ? List the demerits of this.
- 27 What are the Risk factors that have been identified with Internet addiction ?
- 28 Write a note on cyber crimes.

(6 × 4 = 24 marks)

Part IV (Long Essays)

Answer any two questions.

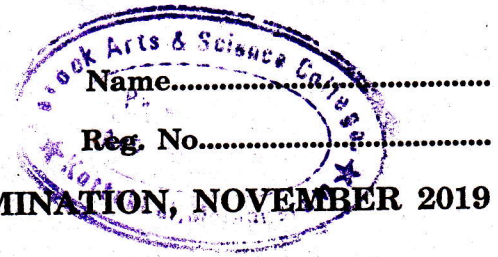
Each question carries 15 marks.

- 29 What is NICENET ? What are its merits and features ?
- 30 Explain the term GPS ? Also mention the uses of it.
- 31 Elaborate the applications of IT in the field of business, commerce and resource management.

(2 × 15 = 30 marks)

D 71552

(Pages : 3)



THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

B.Com./B.B.A.

BCM 3A 12—GENERAL INFORMATICS

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 1 mark.

I. Choose the correct answer :

1 ERP means _____.

- a) Enterprise Resource Planning. b) Electronic Resource Planning.
c) Electronic Report Presentation. d) None of these.

2 Artificial Intelligence is concerned with making Computers behave like :

- a) Humans. b) Robots.
c) Home Appliances. d) None of these.

3 _____ is asset of computer programmes used on a computer to perform tasks.

- a) A processor. b) Memory.
c) Software. d) A Command.

4 _____ is unit of CPU directs and co-ordinates all operations of a Computer.

- a) ALU. b) Control Unit.
c) RAM. d) Register.

5 Second Generation computer contained _____ in place of vaccum tubes.

- a) LCD. b) Transistors.
c) Both (a) and (b). d) Neither (a) nor (b).

II. Fill up the blanks :

6 The first personal computer was introduced by _____.

7 VPN stands for _____.

Turn over

- 8 _____ refers to unlawful acts where in the computer is either a tool or target or both.
- 9 Linux is an _____.
- 10 PDF stands for _____.

(10 × 1 = 10 marks)

Part B

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

- 11 What is star topology ?
- 12 What is digital divide ?
- 13 What is Plagiarism ?
- 14 What is Firewall ?
- 15 What is WAN ?
- 16 What is Information Overload ?
- 17 Write the names any three operating system.
- 18 Who is a Black Hat Hacker ?
- 19 What is a trade mark ?
- 20 What is WWW ?

(8 × 2 = 16 marks)

Part C

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

- 21 What is cyber addiction ? Explain the signs and symptoms of Cyber addiction.
- 22 Explain Green Computing. What are the approaches to Green Computing ?
- 23 What is Operating System ? What are its types ?
- 24 Write a short note on UNICODE.
- 25 What are the most commonly used wireless Applications ?
- 26 What are the advantages of SMS ?
- 27 Explain major Application softwares.
- 28 What are the uses of Internet ?

(6 × 4 = 24 marks)

Part D

Answer any two questions.

Each question carries 15 marks.

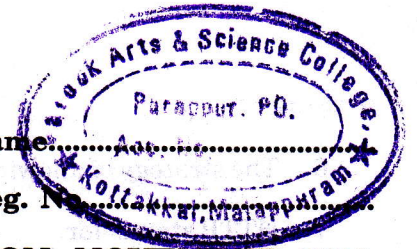
- 29 Define E-Governance. What are various types of interaction in E-Governance ?
- 30 What is Cyber Crime ? Explain various Cyber Crimes and how to tackle these issues.
- 31 What is Network ? What are its types ? Discuss various components of Computer Networking.

(2 × 15 = 30 marks)

D 51185-B

(Pages : 3)

Name:
Reg. No.



THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2018

(CUCBCSS)

A 12—GENERAL INFORMATICS

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. To highlight a word, position the cursor next to the word, and then :
 - (a) Drag mouse while holding button down.
 - (b) Click mouse once.
 - (c) Roll and then click mouse.
 - (d) None of these.
2. What type of memory is volatile ?
 - (a) Cache.
 - (b) RAM.
 - (c) ROM.
 - (d) Hard Drive.
3. In India, the literary work is protected until :
 - (a) Lifetime of author.
 - (b) 25 years after the death of author.
 - (c) 40 years after the death of author.
 - (d) 60 years after the death of author.
4. Any criminal activity that uses a computer either as an instrumentality, target or a means for perpetuating further crimes comes within the ambit :
 - (a) Software piracy.
 - (b) Cyber crime.
 - (c) Conventional crime.
 - (d) None of the above.
5. Which among the following is not a Linux Distro ?
 - (a) Red Hat.
 - (b) SuSE.
 - (c) Mac.
 - (d) Ubuntu.

Turn over

6. The strategy of allowing processes that are logically runnable to be temporarily suspended is called.
7. HTTP stands for.
8. INFLIBNET stands for.
9. MMS stands for.
10. Internet is network of _____.

(10 × 1 = 10 marks)

Part B (Short Answer Questions)

Answer any eight questions.

Each question carries 2 marks.

11. What is Operating System ?
12. What is application software ?
13. What is Cloud computing ?
14. Distinguish between SMS and MMS.
15. Briefly explain NICENET.
16. What is bus topology ?
17. What is cyber ethics ?
18. Briefly explain any *one* of the open source office software.
19. Briefly explain any of the image manipulation software in Linux.
20. Briefly explain any of the various search engines.

(8 × 2 = 16 marks)

Part C (Short Essay Questions)

Answer any six questions.

Each question carries 4 marks.

21. What are the features of New Generation Computers ?
22. What is DNA Computing ? What are its features ?
23. What are the health issues in using computer ?
24. What is cyber addiction ? Explain.

25. Explain the guidelines for proper usage of computers and internet.
26. Explain the usage of IT in education.
27. Discuss about the role IT in Healthcare.
28. Briefly explain open source software.

(6 × 4 = 24 marks)

Part D (Essay Questions)

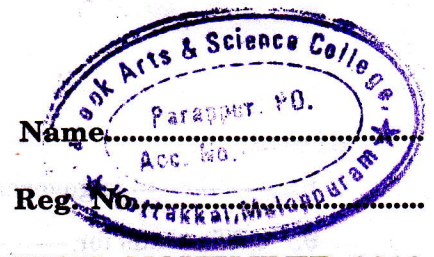
Answer any **two** questions.
Each question carries 15 marks.

29. Write a note on IT Act, 2000.
30. Explain emerging trends in IT.
31. What is a personal computer ? Explain its parts and features.

(2 × 15 = 30 marks)

D 51184-B

(Pages : 3)



THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2018

(CUCBCSS)

A 12—GENERAL INFORMATICS

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 1 mark.

I. Choose the correct answer :

1. One cannot write new data in this type of Memory :

- (a) RAM. (b) CAM.
(c) ROM. (d) None of these.

2. HER means _____.

- (a) Electronic Health Record. (b) Electronic Health Rule.
(c) Electronic Hour Report. (d) None of these.

3. Computer to Computer Exchange of business documents is called :

- (a) EDI. (b) GPS.
(c) SMS. (d) None of these.

4. IPR stands for :

- (a) Individual Property Rights. (b) Intellectual Property Rights.
(c) Inter Personal Rights. (d) None of these.

5. _____ is a prototype portal site for biological information and bio-resource information.

- (a) BRNET. (b) NICENET.
(c) INFLIBNET. (d) None of these.

II. Fill up the blanks :

6. _____ is a set of Computer Programme used on a computer to help perform tasks.

7. PROLOG is a _____.

Turn over

8. _____ is governance created between Government and Citizen.
9. CBT stands for _____.
10. _____ refers to a code of safe and responsible behavior for the internet community.

(10 × 1 = 10 marks)

Part B

Answer any eight questions.

Each question carries 2 marks.

11. What is G2B E-Governance ?
12. What is Tree Topology ?
13. What is DNA Computing ?
14. What is Cyber Ethics ?
15. What is a Blog ?
16. What do you mean by Instant Messaging ?
17. What is a Virus ?
18. What is the term GPS ?
19. What is Application Software ?
20. What is MAN ?

(8 × 2 = 16 marks)

Part C

Answer any six questions.

Each question carries 4 marks.

21. Briefly explain different components of a Network.
22. Write a note on Linux.
23. What are the health issues relating to the usage of Internet ?
24. Explain the concept of Digital Divide.
25. Write short notes on INFLIBNET.
26. What are the disadvantages of Mobile Computing ?
27. What is Operating System ? Discuss its types.
28. Explain Cloud Computing.

(6 × 4 = 24 marks)

Part D

Answer any two questions.
Each question carries 15 marks.

29. What is Cyber Addiction ? Explain signs and symptoms of Cyber Addiction and how to manage it ?
30. Discuss various E-Governance initiatives in India.
31. What is Topology ? Discuss various types of Topology.

(2 × 15 = 30 marks)

Part A

Answer all questions.

Each question carries 1 mark.

1. What is the correct answer?

1. The correct answer is data in this type of Memory :

- (a) RAM (b) CAM
(c) ROM (d) None of these

2. What means

- (a) Electronic Health Record (b) Electronic Health Rate
(c) Electronic Hour Report (d) None of these

3. The transfer to Computer Machine of business documents is called :

- (a) EDI (b) OPA
(c) SMC (d) None of these

4. IPR stands for

- (a) Individual Property Rights (b) Intellectual Property Rights
(c) Inter Personal Rights (d) None of these

5. _____ is a prototype portal site for biological information and bio-resource information.

- (a) BSNET (b) NICE-MET
(c) INFLIBNET (d) None of these

6. Fill up the blanks :

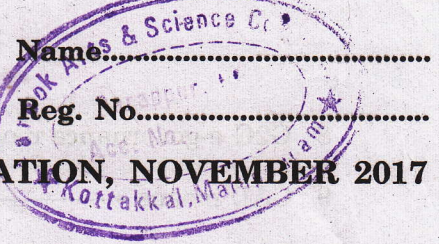
7. _____ is a set of Computer Programme used on a computer to help perform tasks.

8. PROLOG is a _____

Turn over

C 31088

(Pages : 3)



THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2017

(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 In this type of network the ends are not connected :

- (a) Bus.
- (b) Ring.
- (c) Star.
- (d) None of the above.

2 Scanners and light pen are examples of :

- (a) Input devices.
- (b) Output devices.
- (c) CPU.
- (d) Memory.

3 This type of network does not allow an external user to access the company data :

- (a) Intranet.
- (b) Internet.
- (c) Extranet.
- (d) None of the above.

4 ATM Card is a :

- (a) Credit Card.
- (b) Debit Card.
- (c) E-Cash.
- (d) Smart Card.

5 Which of the following is not a search engine ?

- (a) Google.
- (b) Firefox.
- (c) Windows.
- (d) Yahoo.

II. Fill in the blanks :

6 _____ is the term used to describe a blog that includes or consist of video clip.

7 USB means _____.

Turn over

- 8 G2G e-governance means _____.
- 9 CAD means _____.
- 10 Bluetooth is the wireless technology for _____.

(10 × 1 = 10 marks)

Part B (Short Answer Questions)

Answer any **eight** questions.

Each question carries 2 marks.

- 11 What is Internet Hoaxes ?
- 12 What is bus topology ?
- 13 What is G2E e- governance ?
- 14 What is plagiarism ?
- 15 Explain booting.
- 16 Define adware.
- 17 What is search engine ?
- 18 What is DNA computing ?
- 19 Define UNICODE ?
- 20 What is free software ?

(8 × 2 = 16 marks)

Part C (Short Essay Questions)

Answer any **six** questions.

Each question carries 4 marks.

- 21 Discuss the applications available in GNOME desktop ?
- 22 Explain the concept of digital divide ?
- 23 What are virtual classroom ?
- 24 Distinguish between Data and Information ?
- 25 What is meant by cyber security ?
- 26 Briefly discuss the application of SMS ?

- 27 Distinguish between system software and application software.
- 28 Describe how can protect oneself against cookies.

(6 × 4 = 24 marks)

Part D (Essay Questions)

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

- 29 Explain the role of firewall.
- 30 Give note on IPR and its basic components.
- 31 What is personal computer ? Discuss the important parts and features of a computer system.

(2 × 15 = 30 marks)

D 12352

(Pages : 2)

Name.....

Reg. No.....

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 : 3)

Name.....

Reg. No.....

**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.

Turn over

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)

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(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER B.Com./B.B.A DEGREE (UG—CCSS) [SUPPLEMENTARY/
IMPROVEMENT] EXAMINATION, NOVEMBER 2015**

(SDE)

Common Course

A12—GENERAL INFORMATICS

Time : Two Hours and Forty-Five Minutes

Maximum : 27 Weightage

Part B

SECTION A

I. Answer all *nine* questions. Each question carries 1 weightage :

- 1 What do you mean by Internet ?
- 2 What do you understand by Mesh Toplogy ?
- 3 Give a brief account of HTML.
- 4 What is a blog ?
- 5 What do you understand by cyber-crime ?
- 6 What is spread sheet ?
- 7 Give two examples of application software.
- 8 What do you understand by knowledge management ?
- 9 What is Electronic Data Interchange ?

(9 × 1 = 9 weightage)

SECTION B

II. Answer any *five* questions. Each question carries 2 weightage :

- 10 What are the components of a network system ?
- 11 What are merits of a ring network topology ?
- 12 What are the objectives of educational software ?
- 13 What are the different ways by which phishing problem can be tackled ?

Turn over

- 14 What are the different types of mobile computers ?
- 15 List out the purpose of GPS.
- 16 Enumerate the features of GNOME.

(5 × 2 = 10 weightage)

SECTION C

III. Answer any *two* questions. Each question carries 4 weightage :

- 17 Discuss the applications of IT in health care sector.
- 18 What is INFLIBNET ? Describe objectives of INFLIBNET.
- 19 (a) Explain the different types of computer hackers.
(b) Discuss the risk factors identified with internet addiction.

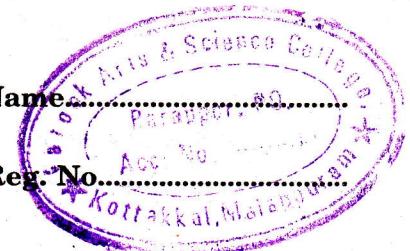
(2 × 4 = 8 weightage)

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(Pages : 2)

Name.....

Reg. No.....



**THIRD SEMESTER B.Com./B.B.A./B.Sc. DEGREE (SUPPLEMENTARY/
IMPROVEMENT) EXAMINATION, NOVEMBER 2015**

(UG-CCSS)

Common Course

A 12 – GENERAL INFORMATICS

Time : Three Hours

Maximum : 30 Weightage

Part A

This part consists of three bunches of questions carrying equal weightage of 1.

Each bunch consists of four objective type questions.

Answer all questions.

I. Choose the correct answer :

1. _____ is the main memory of a microcomputer.
(a) Register. (b) Cache.
(c) RAM. (d) Hard Disk.
2. Which of the following is the shell of UNIX Operating System?
(a) Mac Shell. (b) Java Shell.
(c) Brown Shell. (d) Korn Shell.
3. Certain communication rules are implemented in a network is known as :
(a) Router. (b) Protocols.
(c) Peripherals. (d) Extranet.
4. In GUI, what is the smallest element?
(a) Icon. (b) Picture.
(c) Name. (d) Pixel.

II. Fill in the blanks :

5. _____ is an Internet forum for discussions on a range of topics like articles, follow-up messages related to a specific subject.
6. The term BIT is an abbreviation of _____.
7. The electronic document sent with the E-mail is termed as _____.
8. BRNET stands for _____.

III. State whether True or False :

9. Computers can execute the source program and not the object program.
10. UNIX is a single user multitasking operating system.

Turn over

11. WAN is base on Ethernet.
12. Microsoft PowerPoint is presentation software.

(12 × ¼ = 3 weightage)

Part B

Answer all nine questions.

Each question carries a weightage of 1.

13. What is Booting?
14. What is URL?
15. What is Search Engine?
16. Define Wordprocessing.
17. What is Cyber Ethics?
18. What System Software?
19. What do you mean Information Technology?
20. What is E-Commerce?
21. What is Firewall?

(9 × 1 = 9 weightage)

Part C

Answer any five questions.

Each question carries a weightage of 2.

22. Explain the functions of Operating System.
23. How peripherals are connected to a computer system? Explain.
24. Explain the terms "Software Install", "Software Upgrade" and "Software Upload".
25. What is Resource Management? Explain the role of this in IT.
26. What is Healthcare Application? Explain one of them.
27. What is Computer VIRUS? How does it differ from bug?
28. What is multimedia? Discuss the role of multimedia in Marketing.

(5 × 2 = 10 weightage)

Part D

Answer any two questions.

Each question carries a weightage of 4.

29. Write an essay on Linux file system. How does the Linux OS works as free software and virus free software?
30. What is wireless communication? Explain different wireless hardware and software components related to wireless communication to connect different geographical areas in a network?
31. Explain Cyber laws in India based on Information Technology activities. How does the Cyber cell detect Cyber crimes? Write down the procedures.

(2 × 4 = 8 weightage)

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(Pages : 3)

Name.....

Reg. No.....

**THIRD SEMESTER B.Sc./B.Com./B.B.A./B.T.H.M. DEGREE
EXAMINATION, NOVEMBER 2014**

(UG-CCSS)

Common Course

A 12—GENERAL INFORMATICS

Time : Three Hours

Maximum : 30 Weightage

Part A

This part consists of three bunches carrying equal weightage of 1.

Each bunch consists of four objective type questions.

Answer all questions.

I. Choose the correct answer :

1 Computer is free from tiredness and lack on concentration, this feature is known as _____.

- (a) Speed. (b) Diligence.
(c) Versatility. (d) Power of Remembrance.

2 _____ is the nucleus of the Linux Operating System.

- (a) Shell. (b) User.
(c) Kernal. (d) Application.

3 Network of Networks are also referred to as _____.

- (a) Internet. (b) Intranet.
(c) Ethernet. (d) Telnet.

4 In _____ topology the message is routed through the central communication controller (server) while sending the user of one microcomputer to a user at another computer.

- (a) Bus Topology. (b) Ring Topology.
(c) Mesh Topology. (d) Star Topology.

II. Fill in the blanks :

5 CGA stands for _____.

6 The action of doing financial transaction on Internet is known as _____.

7 The temporary storage area used for keeping the cut/copied text is called _____.

8 NICENET-ICA means _____.

Turn over

III. State whether True or False :

- 9 An example of an input device is a plotter.
- 10 When you download files you send files from your computer the internet.
- 11 Portal is another word for search engine.
- 12 SQL Server is back-end software.

(12 × ¼ = 3 weightage)

Part B (Short Answer Type Questions)

Answer all nine questions.

Each question carries a weightage of 1.

- 13 Define Cookies.
- 14 Name any three types of microcomputers.
- 15 What is Spreadsheet ?
- 16 What is GNOME ?
- 17 What is e-learning ?
- 18 What is Desktop ?
- 19 What do you mean by software repository ?
- 20 What is Intranet ?
- 21 What is DBMS ?

(9 × 1 = 9 weightage)

Part C

Answer any five questions.

Each question carries a weightage of 2.

- 22 What are the differences of special purpose and general purpose application software with example ?
- 23 List and explain the classification of digital computer systems.
- 24 List and explain the various kinds of Cyber Crimes.
- 25 How regional languages can implement in a computer system ? Explain.
- 26 Explain the transformation for Data, Information and Knowledge with example.
- 27 What is a Proxy Server ? What are the advantages of Proxy Server ?
- 28 Linux has been developed as a co-operative effort over Internet. Comment on this statement.

(5 × 2 = 10 weightage)

Part D

Answer any two questions.

Each question carries a weightage of 4.

- 29 Draw a block diagram to show the basic organization of a computer system and explain each functional unit with appropriate hardware components.
- 30 Search engine can be used to find out various website or software from internet. What are the types of search engine ? Explain with example.
- 31 Explain the impact of generating academic websites for education in the society. What are the tools used and approaches of educational institutions to implement this to the public ?

(2 × 4 = 8 weightage)

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(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER B.Com./B.B.A. DEGREE (U.G.-CCSS) EXAMINATION
JANUARY 2014**

(SDE)

[Common Course]

BC3 A12—GENERAL INFORMATICS

(2011 Admissions)

Time : Two Hours and Forty-five Minutes

Maximum : 27 Weightage

Part B

Answers should be written only in English.

SECTION A

*Answer all **nine** questions.
Each question carries weightage of 1.*

1. What do you mean by operating system ?
2. What do you mean by software license ?
3. What do you understand by Blue tooth ?
4. What is INFLIBNET ?
5. What do you mean by Cookies ?
6. What is client server network ?
7. What do you mean by instant messaging ?
8. What do you mean by Digital divide ?
9. What is Green computing ?

(9 × 1 = 9 weightage)

SECTION B

*Answer any **five** questions.
Each question carries 2 weightage.*

10. Write a short note on Linux.
11. What do you understand by free software movement ?
12. What are the different academic search techniques ?
13. What are the major output devices of a computer ? Explain.
14. What are the Advantages of E-mail.

Turn over

15. What is IPR ? Explain its components.
16. Explain IT applications in health care.

(5 × 2 = 10 weightage)

SECTION C

Answer any two questions.

Each question carries 4 weightage.

17. Describe the role of IT in Education.
18. What do you understand by software ? Discuss its types.
19. Explain new opportunities and threats of IT developments on the society.

(2 × 4 = 8 weightage)

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(Pages : 3)

Name.....

Reg. No.....

**THIRD SEMESTER B.A./B.Sc./B.Com. DEGREE
EXAMINATION, NOVEMBER 2013**

(UG-CCSS)

Common Course

A12—GENERAL INFORMATICS

Time : Three Hours

Maximum : 30 Weightage

Part A

*This part consists of three bunches carrying equal weight of 1.
Each bunch consists of four objective type questions.*

Answer all questions.

Objective Type Questions :

1. 1 GB represents _____.

(a) 1420 MB.

(b) 1042 MB.

(c) 1024 MB.

(d) 1240 MB.

2. Which of the following is not an input device ?

(a) Scanner.

(b) Webcams.

(c) Microphone.

(d) None of the above.

3. Which is not an operating system ?

(a) Linux.

(b) Windows XP.

(c) Java.

(d) Mac OS.

4. E-governance application :

(a) Akshaya.

(b) Bhoomi.

(c) CONCERT.

(d) All the above.

Fill up the blanks :

5. USB stands for _____.

6. ARPANET means _____.

7. In _____ network each node connected to the network can communicate directly without having a central control.

8. _____ is the set of programs that helps to run the computer and co-ordinates hardware, software, processor and system's memory.

Turn over

State whether the following statements are True or False :

9. The server on a client/server network provides central administration for functions on the network.
10. LANs are network in which nodes are located within a small geographic area.
11. Hard disks are considered as volatile storage devices.
12. Software piracy is the authorized copying of an organization's internally developed software.

(12 × ¼ = 3 weightage)

Part B (Short Answer Type Questions)

Answer all nine questions.

Each question carries a weight of 1.

13. What do you mean by software license ?
14. What is SAKSHAT ?
15. What is IPR ?
16. What is INFLIBNET ?
17. What do you mean by free software movement ?
18. What is SPAM ?
19. What is internet hoaxing ?
20. What is DNA computing ?
21. What do you understand by Cyber crime ?

(9 × 1 = 9 weightage)

Part C

Answer any five questions.

Each question carries a weight of 2.

22. What is network ? What are its advantages ?
23. What is Operating system ? What are its functions ?
24. What is the importance of IFLIBNET ?
25. Write a note on digital divide.
26. Describe free software movement.
27. Explain the guidelines for proper usage of computer.
28. Describe Cyber addiction. Bring out its symptoms.

(5 × 2 = 10 weightage)

Part D

*Answer any two questions.
Each question carries a weight of 4.*

29. Describe Applications of IT in Education.
30. Explain new opportunities and threats of IT developments on the society.
31. What is E-governance ? Explain the various e-governance initiatives of the Government of India and how they are bringing change in the traditional Government functions.

(2 × 4 = 8 weightage)

**THIRD SEMESTER B.Com. (PVT) (SDE) DEGREE
EXAMINATION, FEBRUARY 2013**

(U.G. CCSS)

BC 3A 12—GENERAL INFORMATICS

| | Time | Weightage |
|--------------------------------------|----------------|---------------------|
| Part I Descriptive Questions | 2.45 Hours | 27 |
| Part II Multiple Choice Questions | 0.15 Hour | 3 |
| Maximum | 3 Hours | 30 Weightage |

Part I

Part A

*Answer all nine questions.
Each question carries 1 weightage.*

1. What is Internet ?
2. What do you mean by instant messaging ?
3. What is peer-to-peer network ?
4. What is Patent ?
5. What do you mean by NICENET ?
6. What do you mean by Digital divide ?
7. What is E-waste ?
8. Internet hoaxing.
9. Bluetooth.

(9 × 1 = 9 weightage)

Part B

*Answer any five questions.
Each question carries 2 weightage.*

10. Explain different input devices of a computer.
11. What is network ? What are its advantages ?
12. What do you understand by software ? Discuss its types.
13. What are the different academic search techniques ?
14. Explain how opportunities of IT industry to the society.
15. List the guidelines for proper usage of computer.
16. Write a short note on Linux.

(5 × 2 = 10 weightage)

Turn over

Part C

*Answer any two questions.
Each question carries 4 weightage.*

17. Explain the various health related issues associated with computer usage. Also explain the remedies and guidelines to counter such issues.
18. What is E-governance ? Explain the various e-governance initiatives of the Government of India and how they are bringing change in the traditional Government functions.
19. Describe the role of IT in Education.

(2 × 4 = 8 weightage)

Part II

Multiple Choice Questions :

1. When searching the internet which of the following is true ?
 - (a) It doesn't matter which search engine you use ; they all provide the same results.
 - (b) A subject directory is best to use when you can provide keywords.
 - (c) Boolean operators and advanced search pages will help you to narrow your results.
 - (d) Search engines are best to use when you need to narrow the search by specific topics.
2. In a web address <http://www.irs.gov>, the .gov would be considered the :
 - (a) URL.
 - (b) Top-level domain.
 - (c) Protocol.
 - (d) Web address.
3. Which of the following provides the fastest broadband internet connection by transmitting data at the speed of light ?
 - (a) Cable.
 - (b) DSL.
 - (c) Fiber Optics.
 - (d) Satellite.
4. The primary disadvantage to DSL internet access is the quality and effectiveness of service :
 - (a) Are affected by the number of users on the same DSL line at any time.
 - (b) Depend on your proximity to a phone company central office.
 - (c) Can be affected by adverse weather conditions.
 - (d) Depend on the internet service provider you select.
5. A kilobyte stores how many numbers of bytes ?
 - (a) 1000.
 - (b) 1024.
 - (c) 1048.
 - (d) 100.

6. What is a Podcast ?
- (a) Is a clip of audio or video content that is broadcast over the internet.
 - (b) Is an instant messaging tool.
 - (c) Is a free popular e-mail service.
 - (d) Is a web-conferencing tool.
7. Which of the following is not a use of computers in the legal environment ?
- (a) Creating animations that simulate the crime for use in the courtroom.
 - (b) Tracking criminal behavior patterns.
 - (c) Predicting criminal behavior patterns.
 - (d) Conducting interviews with suspects.
8. _____ integrates communications, data management, and security services to allow business applications within different organizations to automatically interchange information :
- (a) E-Commerce.
 - (b) E-Governance.
 - (c) E-Banking.
 - (d) None of the above.
9. Nanotechnology is the science of things on the order of :
- (a) Inches.
 - (b) Milometers.
 - (c) Nanometers.
 - (d) Nanobytes.
10. Computer systems can NOT be trained to understand :
- (a) The Indian Taxcode.
 - (b) The human emotion.
 - (c) A good joke.
 - (d) The perfect golf swing.
11. Mouse was invented by _____ in 1963.
- (a) Douglas Engelbart.
 - (b) Jack Philby.
 - (c) John Neumann.
 - (d) Thomas Watson.
12. Any machine capable of representing information from a computer is _____.
- (a) Output device.
 - (b) Input device.
 - (c) Both (a) and (b).
 - (d) None of the above.
13. USB means _____.
- (a) Universal Serial Bus.
 - (b) University Sector Bus.
 - (c) Unique Serial Bus.
 - (d) None of these.
14. LAN stands for _____.
- (a) Local Area Network.
 - (b) Loyal Area Network.
 - (c) Large Area Network.
 - (d) None of these.

Turn over

15. MAN stands for _____.
- (a) Metropolitan Area Network. (b) Man Area Network.
(c) Manchester Area Network. (d) None of these.
16. WAN stands for _____.
- (a) Wireless Area Network. (b) Wired Area Network.
(c) Wide Area Network. (d) None of these.
17. PAN stands for _____.
- (a) Pan American Network. (b) Personal Area Network.
(c) Personal Academic Network. (d) None of these.
18. VPN stands for _____.
- (a) Virtual private network. (b) Very private network.
(c) Voice passing network. (d) None of these.
19. GB stands for _____.
- (a) Gigabyte. (b) Giant byte.
(c) Global bus. (d) None of these.
20. PDA stands for _____.
- (a) Personal Digital Assistant. (b) Personal Dairy Assistant.
(c) Private Digital Assistant. (d) None of these.

(3 weightage)