	JOTHI COL		
	A I'M	K23U 4044	es.
Reg. No. :	KANNUR DT. * KANNU	Explain machine level language	.01
Name :	GAG No: 5, CHERRY	What is meant by 'Digital Divide'	
I Semester B.C.A. Degree (CBCSS - OBE -	Regular / Supplementary /	12.
Improvement)	Examination, No Admission Onw	ovember 2023	
Gene	ral Awareness Co	Define the following terms erruc	
1A11BCA : INFORMAT	TICS FOR COMP	UTER APPLICATIONS	
		b) open source.	
Time: 3 Hours	DATEX	Max. Marks : 40	
	PART – A		
(4x3=12)	(Short Answer)	wer any 4 questions.	
Answer all questions.	5.068900	al boog to assured entre (6×1=6)	ar.
What is system software ?			.81
Give examples of optical storage			
What is a CPU register?	3		
4. What do you mean by shell		Briefly explain any two herds me	
5. What is meant by hardware	3 00 - 100	What are the points of which	20.
6. What is Linux?	CATURATED ASS		
	PART - B	J)	
(2×5=10)	(Short Essay)	swer any 2 questions.	enA
Answer any 6 questions.	of the Von Neuman	alinu pland ent limen ni(6x2=12)	21,
7. What are the characteristics	s of secondary stora	age devices ? If xunt1 ens fortW	

- 8. Differentiate Input and Output devices. Give examples for each. Horiz is shift 85
- 9. What are the common environment variables in Linux ? The logist and are the deal and the same of th

P.T.O.

K23U 4044 10. Explain machine level language. What is meant by 'Digital Divide'? 12. What are the types of Operating Systems? Semester 8.C.A. Degree List the functions of computers. What is the functions of computers. Define the following terms: a) free software b) open source. Time: 3 Hours PART - C (Essay) Answer any 4 questions. $(4 \times 3 = 12)$ 15. What are the features of good language? Answer all questions 16. What are Hub, Switch and Router? What is their use? Iswifce moteve at IsriW. 17. Explain ROM and its types. 2. Give examples of optical storage 18. What is Mounting in the Linux Filesystem? 3. What is a CPU register ? 19. Briefly explain any two hardware/software. 4. What do you mean by sho 20. What are the points on which cyber ethics focuses? 6. What is Linux? PART - D (Long Essay) Answer any 2 questions. (Short Essay) $(2 \times 5 = 10)$ 21. (Explain in detail the basic units of the Von Neumann model. noiseup a vns reward What are Linux file permissions? Explain in detail. Sollah space of the series and with the series of the series o Write a short note on operating systems and its features. The fund of sittle and its features. 24. What are the major areas of cyber laws ?v the monitories nominos ent ens tentw

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K22U 3393

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Name:



I Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/ Improvement) Examination, November 2022 (2019 Admission Onwards) GENERAL AWARENESS COURSE

1A11BCA: Informatics for Computer Applications

Time: 3 Hours

Max. Marks: 40

PART - A

(Short Answer)

Answer all questions.

 $(6 \times 1 = 6)$

- 1. Define the purpose of language translators.
- 2. Mnemonic codes are used in _____ language.
- 3. What is meant by one nibble?
- 4. Write an example for input devices.
- 5. Define operating system.
- 6. What are different types of CPU registers?

PART - B

(Short Essay)

Answer any 6 questions.

 $(6 \times 2 = 12)$

- 7. Differentiate between a compiler and an interpreter.
- 8. Define computer network.
- 9. Differentiate between ROM, PROM and EPROM.
- 10. Write the command to implement the following in Linux to (a) copy a directory (b) to list files in the current directory.

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- 11. What are the three types file access permission in Linux ?
- 12. What is meant by digital divide?
- 13. What are the categories of cybercrimes?
- 14. What is cyber addiction? List various types of cyber-addictions.

PART – C
(Essay)

Answer any 4 questions.

 $(4 \times 3 = 12)$

- 15. Explain various types of language translators.
- 16. Analyze the memory hierarchy in terms of speed, size and cost.
- 17. What are the basic different functions of an operating system?
- 18. Discuss privacy issues in cyberspace.
- 19. What is the vi editor in Linux? List the command used to manipulate a file in vi editor.
- 20. Discuss cyber laws.

PART – D (Long Essay)

Answer any 2 questions.

 $(2 \times 5 = 10)$

- 21. Explain, in brief, the characteristics of a good programming language.
- 22. What are different types of operating system? Explain them in detail.
- 23. With a neat diagram explain the organizations of a computer.
- 24. List the commands used in Linux for file handling. Explain each with example.

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Name :					

I Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/ Improvement) Examination, November 2021 (2019 Admission Onwards) GENERAL AWARENESS COURSE

1A11BCA: Informatics for Computer Applications

Time: 3 Hours

Max. Marks: 40

PART – A (Short Answer)

Answer all questions.

 $(6 \times 1 = 6)$

- 1. What is primary memory?
- 2. What is programming language?
- 3. What is ROM?
- 4. Write two features of operating system.
- 5. What are the five components that make up an information system?
- 6. What is the use of 'rm' command in Linux?

PART – B (Short Essay)

Answer any 6 questions.

 $(6 \times 2 = 12)$

- 7. What is cache memory?
- 8. What are the advantages of cyber security?
- 9. What is Hacking?
- 10. What is Static RAM?

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K21U 6751



- 11. What are the differences between Interpreter and Assembler?
- 12. Explain Impact printers.
- 13. Explain benefits of a network.
- 14. Explain vi editor.

PART - C (Essay)

Answer any 4 questions.

 $(4 \times 3 = 12)$

- 15. Explain basic organization of computer.
- 16. Discuss the types of secondary storage devices and its characteristics.
- 17. What is Time sharing operating system?
- 18. What do you mean by registers?
- 19. Explain in detail on hard disk.
- 20. What are file system commands in Linux?

PART – D (Long Essay)

Answer any 2 questions.

 $(2 \times 5 = 10)$

- 21. Explain various input devices in detail.
- 22. Explain in detail about language translators.
- 23. What is the 'cp' command and what it does?
- 24. What are guidelines that you should follow while using mobile phones?



(6x2=12)



K20U 3294

12. What is Bash 2 a.k.

11. What is NIC?

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Name :

I Semester B.C.A. Degree CBCSS (OBE) Reg./Sup./Imp.

Examination, November 2020
(2019 Admn. Onwards)

GENERAL AWARENESS COURSE

1A11BCA: Informatics for Computer Applications

Max. Marks: 40 Questions. Each carry 3 marks: 40

What are the characteristics of a good pregramming language ? Differentiate between primary a (rewank trods) more.

	6. Differentiate between primary ar(rewank fronc) mony Uniferentiate between primary ar(rewank fronce)
(A	nswer all questions. Each carry 1 mark.) eid gromem no noitsnaigke feind a eviD .7
1.	is a software that translates a source program into object program. 8
2.	What do you mean by length of a register? To stude the layered architecture of 2 To stude the layered architecture of 2 To stude the layer of 2 To stude the 2 To stude the layer of 2 To stude the la
3.	Define operating system. Software work 2
4.	What is the purpose of count p command in Linux?
5.	The x command is used with vi editor to
6.	What are cookies? (6×1=6)
	 Explain the guidelines for proper usage of computers an assuming a si tadily \$\mathbb{C}\$.
	2. Explain the basic computer organ (years fronts) reat diagram.
(A	nswer any six questions. Each carry 2 marks.) O to sequt the efficient stantwist
7.	Assembly language programs are machine dependent. Justify. From horse etin W
8.	What is a magnetic disk?
9.	What is seek time?
0.	Cyber Addiction. (2x5=16 What are the two types of plotters?

K20U 3294

11. What is NIC?



- 12. What is Bash?
- 13. Describe echo in Linux: 9 (BSO) 22083 earped A.O.8 retember 1
- 14. Name any two mobile data transfer technologies.

 $(6 \times 2 = 12)$

PART - C (Essav)

(Answer any four questions. Each carry 3 marks.)

- 15. What are the characteristics of a good programming language?
- 16. Differentiate between primary and secondary memory.
- 17. Give a brief explanation on memory hierarchy. Types has a should up the newer A)
- 18. Explain mv, cp and rm commands. a setslens it tank enswit or set
- 19. Explain the layered architecture of Linux in brief. o dignel yd nasm pov ob radio . S
- 20. How does antivirus software work?

metava pritarego (4x3=12)

4. What is the purpose of count p command in L 5. The x command is used with vi ed (years gno.)

(Answer any two questions. Each carry 5 marks.)

- 21. Explain the guidelines for proper usage of computers.
- 22. Explain the basic computer organization with a neat diagram.
- 23. What are the different types of OS ? Explain. 150 dos 3 enolloop xis yns 16W80A)
- 7. Assembly language programs are machine dependent. Justino eston troks estimated and the statement of the
 - a) Phishing

OTA

- b) Trojan Horses
- c) Cyber Addiction.

8 What is a magnetic disk ?

10. What is plotter? What are the two types of plotters?

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K19U 3294

Reg. No.:	 	 	 • • •	 	
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I Semester BCA Degree CBCSS(OBE) - Regular Examination, November - 2019

(2019 Admission)

General Awareness Course

1A11 BCA: INFORMATICS FOR COMPUTER APPLICATIONS

Time: 3 Hours Max. Marks: 40

PART - A (Short Answer)

(Answer all questions. Each carry 1 mark)

 $(6 \times 1 = 6)$

- 1. Hardware refers to
- 2. What is an assembler?
- 3. What are the two basic components of CPU?
- 4. What is a process?
- 5. The name "Linux" is derived from its inventor
- 6. Expand ISP

PART - B (Short Essay)

(Answer any six questions. Each carry 2 marks) (6×2=12)

- 7. What is input interface? How does it differs from an output interface?
- 8. What are the features of a compiler?
- 9. What is cache memory?
- 10. What is a computer network? How it is useful?
- 11. What is an output device. What are the different categories?
- 12. Write commands for the following
 - a) Display current directory
 - b) List all the files in your home directory
 - c) Create a directory newdir in your home directory
 - d) Remove the directory newdir
- 13. What is open source software?
- 14. What is RSI? What is the leading cause of RSI?



PART - C (Essay)

(Answer any four questions. Each carry 3 marks) (4x3=12)

- 15. Explain the functions of control unit in detail.
- 16. What is PROM? What are the different types of PROM?
- 17. Differentiate between a mechanical and an optical mouse.
- 18. Explain the use of man pages on Linux computer?
- 19. What are firewalls? How does it secure you in cyber world?
- 20. How can you prevent yourself from identity theft?

PART- D (Long Essay)

(Answer any two questions. Each carry 5 marks) (2x5=10)

- 21. Give a detailed description on high level languages. Name any five high level languages
- 22. Write an essay on magnetic disks.
- 23. What are the important functions of operating system. Explain.
- 24. Write short notes on:
 - a) Application Software
 - b) Free software movement
 - c) Cyber Crime