

647510

BCAclaCC1010

Seat No : _____

B.C.A Semester - 1 (CBCS) Examination
Nov./Dec. -2018 (New Course)
PROGRAMMING IN C (CORE)

Time: 2:30 Hours

Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1 [A] Give the answers of following questions. (03)
1. What is flowchart?
 2. Founder of C language and which year.
 3. How many bits occupied by character data type.
- [B] Attempt the following. (Any Two) (06)
1. What is algorithm explain with its advantage.
 2. Explain different generation of computer languages.
 3. List out variable naming rules.
 4. What is pre-processor?
- [C] Attempt the following. (Any One) (05)
1. Explain Structure of C Language.
 2. Explain Different data types in C language.
- Que-2 [A] Give the answers of following questions. (03)
1. List out iterative control statements.
 2. _____ Statement terminate current executable loop.
 3. What is use of Break statement explain in one line?
- [B] Attempt the following. (Any Two) (06)
1. Explain if-else statement.
 2. Explain Do...While Loop with example.
 3. Explain ternary operators.
 4. Explain for loop.
- [C] Attempt the following. (Any One) (05)
1. Explain switch-case statement with example.
 2. Explain nesting of loops with example.
- Que-3 [A] Give the answers of following questions. (03)
1. What is recursion?
 2. What is the use of strlen() function.
 3. Explain getchar().
- [B] Attempt the following. (Any Two) (06)
1. Explain printf() and scanf().
 2. Explain fmode() and ceil().
 3. List out string function and explain any one in detail.
 4. Explain initgraph() in C.
- [C] Attempt the following. (Any One) (05)
1. List out types of UDF and explain any two in detail.
 2. Explain Storage class with example.
- Que-4 [A] Give the answers of following questions. (03)
1. List types of Array.
 2. What is structure?
 3. _____ Keyword is use to create a structure.

- [B] Attempt the following. (Any Two) (06)
1. Explain String Array with Example.
 2. Give differences: structure v/s. union.
 3. Explain Two-Dimensional Array with example.
 4. Explain array of structure.
- [C] Attempt the following. (Any One) (05)
1. Explain Nested structure with example.
 2. Explain Dynamic Memory allocation functions in detail.
- Que-5 [A] Give the answers of following questions. (03)
1. What is realloc()?
 2. How many argument pass in fopen()?
 3. What is Random Access file.
- [B] Attempt the following. (Any Two) (06)
1. Explain rewind() function.
 2. Explain pointer within structure.
 3. What is fprintf() and fscanf() function.
 4. What is the use of pointer in dynamic programming?
- [C] Attempt the following. (Any One) (05)
1. Write a program to copy contents of one file to another file.
 2. Explain command line arguments with suitable example.

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BCAcs0CC1040

Seat No : _____

**B.C.A Semester - 1 (CBCS) Examination
Nov./Dec. -2018 (New Course)**

ENGLISH LANGUAGE & COMMUNICATION SKILLS (CORE)

Time: 2:30 Hours

Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

- Que-1 [A] Answer the following Questions in one sentence. (05)
1. What is The Room on the Roof about?
 2. Who is Rusty?
 3. What is the name of Rusty's Guardian?
 4. What does John think about Indians?
 5. Whom did Rusty teach English?
- [B] Attempt any three from the following. (09)
1. Why Rusty went to Delhi?
 2. Who is Somi?
 3. Give Brief description of Rusty.
 4. Who are Rusty's Friends?
 5. Who is Mr. Suri?
- Que-2 [A] Answer the following Questions in one sentence. (05)
1. Define the term Communication.
 2. What do you mean by Semantic?
 3. What is Conciseness?
 4. Define the term "Encoding".
 5. Define the term "Decoding".
- [B] Attempt any three from the following. (09)
1. Explain Communication Process.
 2. Explain Importance of Communication.
 3. What are the Seven C's of Good Communication? Explain it.
 4. Explain Formal and Informal Communication.
 5. Explain Social - Psychological Barriers.
- Que-3 [A] Answer the following Questions in one sentence. (05)
1. What do you mean by Written Communication?
 2. When does oral communication take place?
 3. Define the term Interview.
 4. What do you mean by Gesture?
 5. What is Visual Presentation?
- [B] Attempt any three from the following. (09)
1. List Out Types of Interview and explain any three of them.
 2. What are the Merits of Oral Communication?
 3. What are the Demerits of Written Communication?
 4. Describe Guidelines for using Visual Aids.
 5. List out Types of Written Communication and explain any three of them.
- Que-4 [A] Do as directed: (07)
1. Most probably he _____ to school next week. (Put suitable form of "come")
 2. Mark _____ for jobs ever since he passed his examination in March. (Put suitable form of "apply")
 3. They _____ go out. (rare, rarely)
 4. My grandparents live in Kerala. I visit them _____. (once, often)
 5. Shakespeare is the _____ playwright in English. (greatest, greater)
 6. The _____ thing of all was that his son was rude to him. (worst, worse)
 7. Between you and _____ I don't trust him. (use correct pronoun of "I")

[B] Do as directed: (07)

1. He must be tired _____ he has been working since morning. (Hence, because)
2. You must start at once; _____ you will be late. (Whereas, otherwise)
3. The new term begins _____ June 1st. (on/in/from)
4. The girls father sat in a corner. (Use appropriate punctuation marks)
5. He said that he was very pleased _____ my work. (with/on/at)
6. A textbook can be a wall between teacher and class. (Use appropriate punctuation marks)
7. I have never ____ any demand. (Put suitable form of "raise")

Que-5 [A] Answer the following Questions in one sentence. (07)

1. Define the term Listening.
2. Define the term Speaking.
3. Body language can make or break a speech. True or False?
4. Grab Attention at the Beginning, and Close with a Dynamic End. Justify it.
5. Be attentive, but relaxed. Specify it for Listening Skill.
6. Listening means to respond to advice or request. True or False?
7. How can you surround yourself with an English language for improving your speaking skill?

[B] Answer the following Questions in one sentence. (07)

1. Annotate and highlight texting is important for reading. Justify it.
2. What is the Meaning of Reading?
3. Define the term Writing.
4. How does clarity affect for Writing?
5. Explain Correctness in your own words.
6. What do you mean by Skimming?
7. Define Analytical Reading.

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BCAfunCC1030

Seat No : _____

B.C.A Semester - 1 (CBCS) Examination

Nov./Dec. -2018 (New Course)

COMPUTER FUNDAMENTALS & EMERGING TECHNOLOGY (CORE)

Time: 2:30 Hours

Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1 [A] Attempt the following. (03)
1. What is microcomputer?
 2. Give the full form : ALU
 3. What is the basic use of UPS?
- [B] Attempt any two. (06)
1. List various secondary storage devices. Explain any one.
 2. Write short note on: Motherboard.
 3. Write in brief: Data Processing Cycle.
 4. Explain hybrid computers.
- [C] Attempt any one. (05)
1. Describe the characteristics of computers.
 2. Explain: simple model of computer.
- Que-2 [A] Attempt the following. (03)
1. Write the full form : OLED
 2. Give the example of impact printer.
 3. Write the main use of SGD.
- [B] Attempt any two. (06)
1. Write short note on: Google Glass.
 2. List various scanners. Explain any one.
 3. What are plotters? What is their main use?
 4. Differentiate between: impact printer and non-impact printer.
- [C] Attempt any one. (05)
1. List various input devices. Explain any one.
 2. Explain: MIDI keyboard.
- Que-3 [A] Attempt the following. (03)
1. Give full form of USB.
 2. What is a cluster on disc?
 3. What is Blue-Ray disc?
- [B] Attempt any two. (06)
1. What do you mean by Response time? Explain with example.
 2. Write in brief: flash memory.
 3. Explain: Seek Time.
 4. Explain with example: cloud storage.
- [C] Attempt any one. (05)
1. List various magnetic storage devices. Explain any one.
 2. Explain with diagram: storage mechanism of magnetic storage devices.
- Que-4 [A] Attempt the following. (03)
1. Give full form: ASCII
 2. What is Sign Bit?
 3. What is the main function of compiler?

- [B] Attempt any two. (06)
1. List various numbering systems. Explain Octal numbering system.
 2. List various types of languages. Explain any one.
 3. Write a short note on: Animation Packages.
 4. Explain giving example: Real time Operating System.
- [C] Attempt any one. (05)
1. List various binary arithmetic operations. Explain any one with example.
 2. Explain giving example: parity check.
- Que-5 [A] Attempt the following. (03)
1. Give full form: GPS
 2. Write main function of Blue Tooth.
 3. What is Saas?
- [B] Attempt any two. (06)
1. Write short note on GSM.
 2. List various Service Models of Cloud Computing. Explain any one.
 3. Explain how we can protect our device from virus.
 4. Explain with advantages and disadvantages: Infrared technology.
- [C] Attempt any one. (05)
1. What is virus? List and explain various types of virus.
 2. List various communication devices. Explain any one.

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