| Seat No. | Enrolment No.: | Gu | jara | t |
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Technological University

Diploma Engineering C to D Bridge Course Examination

Subject Code: C320702 Date: 03/06/2016

Subject Name: ADVANCED COMPUTER PROGRAMMING

Time: 10.30 AM TO 12:00 PM Total Marks: 70

Instructions:

- 1. Attempt all questions.
- 2. Make suitable assumption wherever necessary.
- 3. Each question is of 1 mark.
- 4. Use of SIMPLE CALCULATOR is permissible. (Scientific/Higher Version not allowed)
- 5. English version is authentic.

| No. | Question Text and Option. પ્રશ્ન અને વિકલ્પો. | | | | |
|--|---|--|---------|---|--|
| The smallest element of array is called | | | | | |
| 1. | A. | Lower Bound | B. | Upper bound | |
| | C. | Range | D. | None of the Above | |
| | Arra | y ના સૌથી નાના એલીમેન્ટ ને | કહિ ા | ય | |
| ٩. | A. | Lower Bound | B. | Upper bound | |
| | C. | Range | D. | None of the Above | |
| | Wha | t is the maximum number of an array | have i | in C? | |
| 2. | A. | 2 | B. | 8 | |
| | C. | 20 | D. | Theoretically no limit | |
| C મા ાં Array ના dimension ની સૌથી િધ ુ કેટલી સખ્ાં યા હોઇ શકે | | | | કેટલી સખ્ા ં યા હોઇ શકે [?] | |
| ₹. | A. | 2 | B. | 8 | |
| | C. | 20 | D. | Theoretically no limit | |
| | Arra | y is preferred to be used to hold? | | | |
| 3. | A. | Constants | B. | Data of same type | |
| | C. | Data of different type | D. | None of these | |
| | Array ને શ ુાં સગ્રાં હૃહત કરિા િપરાય છે? | | | | |
| 3. | A. | Constants | B. | Data of same type | |
| | C. | Data of different type | D. | None of these | |
| | Arra | y is a data structure | | | |
| 4. | A. | Linear | B. | Non Linear | |
| | C. | Complex | D. | None of these | |
| ., | Arra | y ત ે પ્રકારન ુાં ડર્ટૅ ા સ | ટ્રક્યર | છે. | |
| ٧. | A. | Linear | В. | Non Linear | |
| | C. | Complex | D. | None of these | |
| | The | index value of any array starts from? | | | |
| 5. | A. | 1 | B. | 0 | |
| | C. | -1 | D. | None of these | |
| ч. | Arra | ^y નો ^{index} કયા અંક થી શરૂ થાય છે | | | |

| | A. | 1 | B. | 0 | | |
|------------|---|---|---------|--|--|--|
| | C. | -1 | D. | None of these | | |
| | What | will happen if in a C program you ass | ign a | value to an array element whose | | |
| | subscript exceeds the size of array? | | | | | |
| 6. | A. | The element will be set to 0 | B. | The compiler would report an error. | | |
| | C. | The program may crash if some | D. | The array size would appropriately | | |
| | | important data gets overwritten. | | grow | | |
| | C - 2 | ્રામમા ાંજો ^{array} ના કોઇ એલીમે | ~ | _{value assign} કરિામા ાં આિ,ે કે જેનો | | |
| | ا پرر | ગ્રામમા ા જા - જા કાઇ અલામ | σζ σ | ં કારામાં ાં ાઆ,ં ક જના | | |
| S . | subscript array ની સાઇઝ થી િધી જાય, તો શ ુાં થશે? | | | | | |
| | A. | The element will be set to 0 | B. | The compiler would report an error. | | |
| | C. | The program may crash if some | D. | The array size would appropriately | | |
| | | important data gets overwritten. | | grow | | |
| | What | does the following declaration mean | ? | | | |
| | | int (*ptr)[10]; | | | | |
| 7. | A. | ptr is array of pointers to 10 | В. | ptr is a pointer to an array of 10 | | |
| | | integers | | integers | | |
| | C. | ptr is an array of 10 integers | D. | ptr is an pointer to array | | |
| | નીયે | ના declaration નો અથ થ શ ુાં થ | ાશ.ે | | | |
| | int (| (*ptr)[10]; | | | | |
| ૭. | A. | ptr is array of pointers to 10 | B. | ptr is a pointer to an array of 10 | | |
| | | integers | | integers | | |
| | C. | ptr is an array of 10 integers | D. | ptr is an pointer to array | | |
| | | if you pass an array as an argument to | | | | |
| 8. | Α. | Value of elements in array | В. | First element of the array | | |
| | C. | Base address of the array | D. | Address of the last element of array | | |
| | СЫ | * | aron | | | |
| | _ | • | . argu | mont vecto out-te-te wew tott w voice | | |
| ۷. | ખરેખ | ર શ ુાં પાસ થશે? | | | | |
| | A. | Value of elements in array | В. | First element of the array | | |
| | C. | Base address of the array | D. | Address of the last element of array | | |
| | | rray occupies | | | | |
| 9. | Α. | Random space in memory | B. | A contiguous block in memory | | |
| | C. | Sequential but random block. | D. | None of the above. | | |
| | 1 | - | | 1 | | |
| | 11114, | ⁷ ધરાિે છે | | | | |
| €. | A. | Random space in memory | B. | A contiguous block in memory | | |
| | C. | Sequential but random block. | D. | None of the above. | | |
| | What | does this declaration mean? int (*ptr |)[10]; | | | |
| 10 | A. | ptr is a pointer to an array of 10 | B. | ptr is array of pointers to 10 integers | | |
| 10. | | integers | | | | |
| | C. | ptr is an array of 10 integers | D. | ptr is an pointer to array | | |
| | આ ત | eclaration નો અથ થ શ ુાં થશે? : | int (*p | otr)[10]; | | |
| ૧૦. | A. | ptr is a pointer to an array of 10 | B. | ptr is array of pointers to 10 integers | | |
| | | integers | | | | |
| | C. | ptr is an array of 10 integers | D. | ptr is an pointer to array | | |
| | | <u> </u> | 1 | ı | | |

| | What | is the meaning of int arr[20]; | | |
|------------|---|--|---------------------------|---|
| ایدا | A. | Integer array of size 20 | B. | Array of size 20 |
| 11. | C. | Array of size 20 that can have | D. | None of these |
| | | integer address | | |
| | int ar | r[20]; નો અથ થ | | |
| | | | | |
| | | શ ુાં થશ.ે | | |
| ૧૧ | A. | Integer array of size 20 | B. | Array of size 20 |
| | C. | Array of size 20 that can have | D. | None of these |
| | | integer address | | |
| | Whic | ch of the following correct declares a | n array | ? |
| 12. | A. | int array[10]; | B. | int array; |
| | C. | array array [10]; | D. | array {10}; |
| | ની ય | મે ાથાં ીarray ન ુાં declaratio | on გ ? | |
| | | _ | | |
| ૧૨. | કય ્ | ુાં સાય ુાં | | |
| | A. | int array[10]; | B. | int array; |
| | C. | array array [10]; | D. | array {10}; |
| | What | is the index number of the last elem | ent of | an array with 9 element? |
| 13. | A. | 9 | B. | 8 |
| 13. | C. | 0 | D. | Programmer- |
| | | | | defined |
| | 9 ele | ment ના array ના છેલ્લા element ને | lindex | ા ં |
| | د کام | • | | • |
| ૧૩ | હશે? | | | |
| | | | | |
| | A. | 9 | B. | 8 |
| _ | A. C. | 9 | B. | Programmer- |
| | C. | 0 | D. | Programmer- defined |
| | C. If po | 0 inter to an array is passed as an argument | D. | Programmer- defined |
| _ | C. If population | 0 inter to an array is passed as an argumed? | D. | Programmer-defined a function, what actually gets |
| 14. | C. If po | 0 inter to an array is passed as an argument | D. | Programmer- defined a function, what actually gets first element of the |
| 14. | C. If point passed A. | inter to an array is passed as an argumed? value of element in array | D. ment to B. | Programmer- defined a function, what actually gets first element of the array |
| 14. | C. If population | 0 inter to an array is passed as an argumed? | D. | Programmer- defined a function, what actually gets first element of the array Address of the last element of |
| 14. | C. If population passed A. C. | otinter to an array is passed as an argumed? value of element in array Base address of the array | D. ment to B. D. | Programmer- defined a function, what actually gets first element of the array Address of the last element of array |
| 14. | C. If population passed A. C. | otinter to an array is passed as an argumed? value of element in array Base address of the array | D. ment to B. D. | Programmer- defined a function, what actually gets first element of the array Address of the last element of |
| 14. | C. If poor passes A. C. | ointer to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ज े इंडिशन्सी | D. ment to B. D. | Programmer- defined a function, what actually gets first element of the array Address of the last element of array |
| 14. | C. If poor passed A. C. | otinter to an array is passed as an argumed? value of element in array Base address of the array | D. ment to B. D. | Programmer- defined a function, what actually gets first element of the array Address of the last element of array |
| 14. | C. If poor passes A. C. | ointer to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ज े इंडिशन्सी | D. ment to B. D. | Programmer- defined a function, what actually gets first element of the array Address of the last element of array |
| 14. | C. If poor passed A. C. | ointer to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ज े इंडिशन्सी | D. ment to B. D. | Programmer- defined a function, what actually gets first element of the array Address of the last element of array |
| 14. 98. | C. If population passed A. C. *ચારે | ointer to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ज े इंडिशन्सी | D. B. D. argum | Programmer- defined a function, what actually gets first element of the array Address of the last element of array |
| 14. 98. | C. If population passed A. C. જ્યારે યા પા A. C. | ointer to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ज े इंडिशन्सी | D. B. D. argum B. D. | Programmer- defined of a function, what actually gets first element of the array Address of the last element of array nent तरीडे आपि। मा ां आि े त्यारे |
| ٩૪. | C. If population passed A. C. જ્યારે યા પા A. C. | inter to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ન ે ફાંક્શનની | D. B. D. argum B. D. | Programmer- defined of a function, what actually gets first element of the array Address of the last element of array nent तरीडे आपि। मा ां आि े त्यारे |
| ٩૪. | C. If poor passed A. C. Salida Ul A. C. If you | inter to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ન ે ફાંક્શનની ંસ શરો? ખરેખર | B. B. D. would | Programmer- defined a function, what actually gets first element of the array Address of the last element of array nent तरीडे आपि। मा ां आि े त्यारे |
| 14. 98. | C. If poor passed A. C. Salida Ul A. C. If you | inter to an array is passed as an argumed? value of element in array Base address of the array pointer to an array ન ે ફાંક્શનની ંસ શરો? ખરેખર | B. B. D. would | Programmer- defined a function, what actually gets first element of the array Address of the last element of array nent तरीडे आधिमा ां आि त्यारे be the elements set to? an undetermined |

| | જો sta | atic array ને initialize ન કરિામા ાં | ઓ ે | તો elements ની િલ્ૅ ય ુ | |
|-----|--------------------|---|------------|--------------------------------|--|
| | શ ુ | ા ં હશ ?ે | | | |
| ૧૫. | A. | 0 | B. | an undetermined value | |
| | C. | a floating point number | D. | the character constant '\0' | |
| | What | is NULL pointer? | • | | |
| 16. | A. | Denote pointer to 0 | B. | Denote integer pointer to 0 | |
| 10. | C. | Denote NULL pointer is the integer 0 | D. | None | |
| | NUL | L pointer શ ુાં છે? | | | |
| ૧૬. | A. | Denote pointer to 0 | B. | Denote integer pointer to 0 | |
| | C. | Denote NULL pointer is the integer | D. | None | |
| | | 0 | | | |
| | What | is wild pointer? | | | |
| 17. | A. | Pointer which is wild in nature | B. | Pointer which has no value. | |
| | C. | Pointer which is not initialized | D. | None | |
| | Wild | pointer શ ္ပ္ပ ဲ છ ဲ? | | | |
| ૧૭. | A. | Pointer which is wild in nature | B. | Pointer which has no value. | |
| | C. | Pointer which is not initialized | D. | None | |
| | Why | can't I perform arithmetic on void * p | ointe | r? | |
| 18. | A. | Compiler does not know the size of object | B. | Compiler does not allow Void * | |
| | C. | Compiler don't have value to initialized | D. | None | |
| | void ' | * pointer UR arithmetic perform of 5 | રી શક | ા ાિન ુાં શ ુ કારણ ફશ?ે | |
| ٩८. | A. | Compiler does not know the size of object | B. | Compiler does not allow Void * | |
| | C. | Compiler don't have value to initialized | D. | None | |
| | What | is (void*)0? | <u> </u> | <u>I</u> | |
| 19. | A. | Representation of NULL pointer | В. | Representation of void pointer | |
| 17. | C. | Error | D. | None of above | |
| | (void*)0 શ ુાં છે? | | | | |
| ٩૯. | A. | Representation of NULL pointer | B. | Representation of void pointer | |
| | C. | Error | D. | None of above | |
| | Can yo | ou combine the following two statements | ents in | | |
| 20. | | *p; p= (char*)malloc(100); | | | |
| | A. | char p = *malloc(100); | В. | char *p = (char*)malloc(100); | |
| | C. | char *p = (char) malloc(100); | D. | char*p = (char*)(malloc)(100); | |
| ₹0. | ની યેન | ા બે statements ન ે એકમા ાં ભગે char *p; p= (char*)malloc(100); | ા ક | | |

| | A. $char p = *malloc(100);$ | В. | char *p = (char*)malloc(100); |
|-----|---|--------------|--------------------------------------|
| | C. char *p = (char) malloc(100); | D. | char*p = (char*)(malloc)(100); |
| | In which header file is the NULL macro def | fined? | - |
| 21. | A. stdio.h | В. | stddef.h |
| | C. stdio.h and stddef.h | D. | math.h |
| | કઇ header file મા ાંNULL macro વ્યાખ્યા | ાવયત | ા કરેલ છે? |
| ૨૧. | A. stdio.h | В. | stddef.h |
| | C. stdio.h and stddef.h | D. | math.h |
| | If a variable is a pointer to a structure, then | | |
| | access data members of the structure throug | | 2 * |
| 22. | A (dot operator) | B. | & |
| | C. * | D. | -> |
| | જો ક્રોઇ variable એ pointer to a structur | | |
| | of Sto variable of pointer to a structure | e O , | tit data members access sitt Acc |
| ૨૨. | નીયેનામાથાંી કયો operator િપરાય? | | |
| | A (dot operator) | B. | & |
| | C. * | D. | -> |
| | A pointer is | 1 | 1 |
| | A. A keyword used to create variables | B. | A variable that stores address of an |
| 23. | | | instruction |
| | C. A variable that stores address of | D. | All of the above |
| | other variable | | |
| | Pointer d 8. | | |
| | A. A keyword used to create variables | B. | A variable that stores address of an |
| ₹3. | | | instruction |
| | C. A variable that stores address of | D. | All of the above |
| | other variable | | |
| | The operator used to get value at address sto | ored i | |
| 24. | A. * | В. | & |
| | C. && | D. | <u>II</u> |
| | pointer variable મા ાં સગ્રાં હહત કરેલી 🔻 | value | ને મેિિા માટે operator િપરાચ. |
| २४. | A. * | В. | & |
| | C. && | D. | |
| | What will happen to this code? | | |
| | int a,b, *p, *q; p=&a | | |
| 25. | q=&b p=q; | | |
| | A. b is assigned to a | В. | p now points to b |
| | C. a assigned to b | D. | q now points to a |
| | આ code થી શ ુાં થશ <i>ે</i> ? | | q new perma to u |
| | int a,b, *p, *q; p=&a | | |
| રપ. | q=&b | | |
| | p=q; | | |
| | A. b is assigned to a | В. | p now points to b |
| | | | |
| | C. a assigned to b | D. | q now points to a |

| | A. | pointer to a pointer | В. | pointer to an array of chars |
|------|------------|--|------------|--|
| | C. | pointer to function taking a char* arguments and return an int | D. | function taking a char* argument and returning a pointer to int. |
| | Staten | ⊥ nent : int (*fp)(char*) સમજાિો | | |
| | A. | pointer to a pointer | В. | pointer to an array of chars |
| ₹\$. | C. | pointer to dipointer pointer to dipointer pointer to dipointer pointer to dipointer pointer to dipointer pointer to dipointer pointer to dipointer pointer to dipointer pointer pointer pointer to dipointer pointer poi | D. | function taking a char* argument and returning a pointer to int. |
| | What | is size of generic pointer in c? | | |
| 27. | A. | 0 | B. | 1 |
| | C. | 2 | D. | NULL |
| | C HI | ાં generic pointer ની size શ ુાં ફ | શે ? | |
| ૨૭. | A. | 0 | B. | 1 |
| | C. | 2 | D. | NULL |
| | What | is the similarity between a structure, t | inion | and enumeration? |
| 100 | A. | All of them let you define new | B. | All of them let you define new data |
| 28. | C. | values | D. | All of them let you define now |
| Ì | <u> </u> | All of them let you define new pointers | D. | All of them let you define new structures |
| | Struct | pointers ure, union and enumeration 뭐 ાં ર | l Loot | |
| | | 1 | | |
| २८. | A. | All of them let you define new | В. | All of them let you define new data |
| | C. | values | D. | types |
| | C. | All of them let you define new pointers | D. | All of them let you define new structures |
| | Correc | ct syntax to pass a Function Pointer as | on or | |
| 29. | A. | void pass(int (*fptr)(int, float, | B. | void pass(*fptr(int, float, char)){} |
| 29. | | char)){} | | |
| | C. | void pass(int (*fptr)){} | D. | void pass(*fptr){} |
| | Functi | ion Pointer ને argument તરીકે pass કી | રા મા | ટેની syntax શ ુાં છે? |
| ર૯. | A. | <pre>void pass(int (*fptr)(int, float, char)){}</pre> | B. | <pre>void pass(*fptr(int, float, char)){ }</pre> |
| | C. | void pass(int (*fptr)){} | D. | void pass(*fptr){} |
| | Use of | functions | | |
| | A. | helps to avoid repeating a set of | В. | Enhances the logical clarity of the |
| 30. | | statements many times | | program |
| | C. | | D. | All of above |
| | કાં ક્લા જ | programs નના ઉપયોગથી | | |
| | <u> </u> | _ | D | Enhances the legical elegity of the |
| 30. | A. | helps to avoid repeating a set of | В. | Enhances the logical clarity of the |
| - | | statements many times | D | program |
| | C. | help to avoid repeated coding across | ப . | All of above |
| | If the | programs two strings are identical the stremp() to | functi: | On returns |
| 31. | | two strings are identical the strcmp() to the strcmp() to the strings are identical the strcmp() to th | | on returns. |
| | Α. | <u> </u> | В. | 1 |

| [| C. | 0 | D. | Yes |
|------------------|---------|--|--------|-----------------------------------|
| | જો બે | સ્ટ્રીંગ એકસમાન હોય તો strcmp() ફાં | iકશન | શ ્ાં રીટન થ કરે? |
| 3 ૧ . | A. | 1 1 | В. | 1 |
| | C. | 0 | D. | Yes |
| 32. | | P brary function used to find the last oc | | |
| 32. | A. | Strnstr() | B. | Strstr() |
| | C. | Laststr() | D. | Strchr() |
| | | 1 | | ાટે કય ુાં library ફાંક્શન િપરાય? |
| 3 2 . | | | | |
| 3 (. | | Strnstr() | В. | Strstr() |
| | C. | Laststr() | D. | Strchr() |
| | | program | 1 | T |
| 33. | A. | Must contain at least one function. | В. | Need not contain any function. |
| | C. | None of the above. | D. | Needs input data. |
| | કોઇ પ | ાણ C પ્રોગ્રામ | | |
| 33. | A. | Must contain at least one function. | В. | Need not contain any function. |
| 33. | - | | | |
| | C. | None of the above. | D. | Needs input data. |
| | When | a function is recursively called all the | e auto | matic variables are stored in a |
| 34. | A. | Linked list | B. | Queue |
| | C. | Array | D. | Stack |
| | જ્યારે | કાંક્શનન ે રેકસીિ call કરિામા ં | ં ચિ | ાા ે ત્યારે automatic િેરીએબલ ક્ા |
| | _ | | | |
| 3 ¥. | ાંસ્ક્ર | ીર થાય? | | |
| | A. | Linked list | B. | Queue |
| | C. | Array | D. | Stack |
| | Which | of the following function calculates | the sq | uare of 'X' in C? |
| 35. | A. | Pow(2.X) | B. | Pow(X,2) |
| | C. | Sqr(X) | D. | Power(2,X) |
| | ની યેન | ામાથાંી કય ુાં ફાંક્શન C મા ા | ்'X'o | નો િગથ ગણે? |
| 3 પ . | A. | Pow(2.X) | В. | Pow(X,2) |
| | C. | Sqr(X) | D. | Power(2,X) |
| | | ions have | 1 | |
| 36. | | Local scope | В. | Block scope |
| | | File scope | D. | No scope at all |
| | + | નન ે ફોય. | | 1 |
| 3 S. | | | 1 | T |
| 3 3. | Α. | Local scope | B. | Block scope |
| | C. | File scope | D. | No scope at all |
| | | unction scanf() returns | 1 | |
| 37. | A. | 0 | B. | ASCII value of the input read. |
| | C. | The number of successful read input | D. | The actual values read for each |
| | | values. | | argument. |
| - | | | | |
| ვ ტ. | scanf(| ⁾ ફાંક્શન શ ુાં રીટન થ કરે ? | | |

| | A. | 0 | B. | ASCII value of the input read. |
|-------------|-------------|---|--------|--|
| | C. | The number of successful read input | D. | The actual values read for each |
| | | values. | | argument. |
| | The R | ecursive function are executed in a | • | |
| 38. | A. | Parallel order | B. | First in First out |
| | C. | Last in Last out | D. | Random order |
| | રેકસીહિ | ે ફાંક્શન મા ાં એક્ઝીક્યટુ થ | ાય છે. | |
| 3 C. | A. | | B. | |
| | C. | | D. | |
| | What | is Fuction? | • | |
| 39. | A. | Function is block of code that | B. | Function is a block of statements that |
| 39. | | performs a specific task. | | perform some specific task. |
| | C. | It has a name and it is reusable. | D. | All of above. |
| 3 e. | ફાંક્શન | ા શ ુાં છે? | | |
| | A. | Function is block of code that | B. | Function is a block of statements that |
| | | performs a specific task. | | perform some specific task. |
| | C. | It has a name and it is reusable. | D. | All of above. |
| | The ke | eyword used to transfer control from a | a func | tion back to the calling function is |
| 40. | A. | Return | B. | Goto |
| | C. | Go back | D. | Switch |
| V.0 | calling | g function પર પાછો કન્રોલ લઇ જિ ક | કથો કી | િ-ડેથ િપરાય છે [?] |
| ۲O. | A. | Return | B. | Goto |
| | C. | Go back | D. | Switch |
| 41. | What main() | will be the output of the following pro (int i= abc(10) Printf("%d",- int abc(int i) { return(i++) } | - | |
| | A. | 10 | B. | 11 |
| | | 9 | D. | None of these |
| | ની ચેન | ા પ્રોગ્રામનો આઉટપટુ શ ુાં હશે? | | |
| | main() | $\inf_{a} = abc(10) Printf("%d",-$ | -i); | |
| ४१. | | int abc(int i) { return(i++) } | | |
| | A. | 10 | B. | 11 |
| | C. | 9 | D. | None of these |
| | What | will be the output of the following pro { static int var= 5; | ogram | code? main() |
| 42. | | <pre>printf('%d", var); if (var) main(); }</pre> | | |
| | A. | 55555 | B. | 54321 |
| | | Infinite loop | | None of these |
| | <u> </u> | r | Г. | _ · · · · · · · · · · · · · · · · |

| | ની યેન્ | તા પ્રોગ્રામનો આઉટપટુ શ ુાં ફશે? | | |
|-------------|------------|--|------------|---|
| | | main() | | |
| | | { static int var= 5; | | |
| ४२. | | printf('%d", var); | | |
| | | if (var) | | |
| | | main(); } | | |
| | A. | 55555 | B. | 54321 |
| | C. | Infinite loop | D. | None of these |
| | 1 | he correct statements | | |
| | 1 | The body of a function should have of | - | |
| | | The body of a function may have man A function can return only one value | - | |
| 43. | | | | canning environment. |
| | ••• | to the calling environments | c ranc | cions does its job out returns no varde |
| | A. | I & II | В. | П & ПП |
| | C. | I & III | D. | II & IV |
| | + | | <u>р.</u> | 11 (4.1) |
| | • | ાક્ પસદાં કરો: | | |
| | | The body of a function should have or | | |
| 83. | | The body of a function may have man A function can return only one value | | |
| | | | | canning environment. |
| | 1 | lling environments | 0 10110 | tions does no joe out retains no value to |
| | Α. | I & II | В. | II & III |
| | C. | I & III | D. | II & IV |
| | The | Default parameter passing mechani | sm is | |
| 44. | A. | call by value | В. | call by reference |
| | C. | call by value result | D. | none of these |
| | De | fault પરે ામીટર પાસીંગ મીકેનીઝમ | | |
| 88. | | Taun de simbe dimot mositor | પ્કય ્ | ွှင ် ဗ |
| 00. | A. | call by value | В. | call by reference |
| | C. | call by value result | D. | none of these |
| | A p | reprocessor command | | |
| 45. | A. | Need not start on a new line | B. | Need not start on the first column |
| 45. | C. | Has # as the first character | D. | Comes before the first executable |
| | | | | statement. |
| | પ્રીપ્ર | ોસેસર કમાન્ડ | | |
| | Α. | Need not start on a new line | В. | Need not start on the first column |
| ૪૫. | C. | Has # as the first character | D. | Comes before the first executable |
| | C . | mas # as the first character | D. | |
| | C pr | e-processor | | statement. |
| | A. | Takes care of conditional | В. | Takes cares of macros |
| 46. | Δ. | compilation. | D . | Takes cares of macros |
| | C. | Takes care of include files. | D. | All of the above. |
| | | | μ. | pan of the above. |
| | Сų | ીપ્રોસેસર | | |
| ૪ ۶. | A. | Takes care of conditional | В. | Takes cares of macros |
| 3. | | compilation. | | |
| | C. | Takes care of include files. | D. | All of the above. |
| | 1 | | | |

| _ | _ | | | |
|-------------|-------------------------------------|---|------------------------|--|
| | Whi | ch of the following are correct prep | roces | sor directives in c? |
| | 1. | . #ifdef | | |
| | 2. | | | |
| 47. | 3. | . #elif | | |
| | 4. | . #undef | | |
| | A. | 1,2 | B. | 4 |
| | C. | 1,2,4 | D. | 1,2,3,4 |
| | +_ | | | |
| | પ્રીપ્ર | ોસસે ૨ વનદેશોના સદાં ભમથ ા | ાયા ા | । उद ुाः साय ुाः छ? |
| | $\frac{1}{2}$ | ∙ાં નીયને ામા | | |
| | $\frac{2}{3}$ | | | |
| ૪૭. | 3. | #elif | | |
| | 4. | . #undef | | |
| | A. | 1,2 | B. | 4 |
| | C. | 1,2,4 | D. | 1,2,3,4 |
| | Cho | ose the correct statement. | <u> </u> | |
| | | The seems of a mesons defin | ı | |
| | | II. The scope of a macro defin end | lition | need not be the entire program. ition |
| | | of the file | exten | ds from the point of definition to the |
| 48. | | III. new line is a macro definit | ion de | limiter. |
| | | IV. A macro definition may go | obeyor | nd a line. |
| | A. | I & II | В. | П &Ш |
| | C. | I, II & III | D. | I,II,III &IV. |
| | સા રા | ુાં િાક્ પસદાં કરો. | | |
| | | • | | I not be the outine macane |
| | | I. The scope of a macro definitioII. The scope of a macro definitio | | nds from the point of definition to the |
| ٧८. | | end of the file. | II CALC | nds from the point of definition to the |
| | | III. new line is a macro definition | delimi | ter. |
| | | IV. A macro definition may go bey | ond a | line. |
| | A. | I & II | B. | П &Ш |
| | C. | I, II & III | D. | I,II,III &IV. |
| | In w | hich stage the execution of code #i | | e <stdio.h> gets by the contents of the</stdio.h> |
| | file | stdio.h | 1101010 | gots by the continue of the |
| 49. | A. | During editing. | В. | During linking. |
| | C. | During execution. | D. | During preprocessing. |
| | + | _ | | |
| | કથા | સ્ટ્રેજ પર #include <stdio.h> ફાઇલ</stdio.h> | staic | $^{ m c.h}$ ના કન્ટેન્ટ ન ે મળે િ ે છે $^{ m ?}$ |
| ४ ૯. | A. | During editing. | В. | During linking. |
| | C. | During execution. | | |
| | | _ | | During preprocessing. |
| | For | accessing a structure elements usin | gapo | ointer, you must use? |
| | <u> </u> | n · | n | · · · · · · · · · · · · · · · · · · · |
| 50. | A. | Pointer operator(&) | - | Dot operator(.) |
| 50. | A. C. | Pointer operator(*) | D. | Dot operator(.) Arrow operator(->) |
| 50. | C. | Pointer operator(*) | D. | Dot operator(.) |
| 50. | | Pointer operator(*) યરના એલીમન્ે ટ ન ે પોઇંટર દ્વાર | D. | Dot operator(.) Arrow operator(->) |
| 50. чо. | C. | Pointer operator(*) | D. | Dot operator(.) Arrow operator(->) |
| | C. | Pointer operator(*) યરના એલીમન્ે ટ ન ે પોઇંટર દ્વાર | D. ાયોગ | Dot operator(.) Arrow operator(->) |
| | C. स्ट्रइ | Pointer operator(*) યરના એલીમન્ે ટ ન ે પોઇંટર દ્વાર ઉપ Pointer operator(&) | D. ાયોગ | Dot operator(.) Arrow operator(->) કરિા માટે િાપરવ ુાં જોઇચે? Dot operator(.) |
| ч о. | C. ₹2,5 A. C. | Pointer operator(*) ચરના એલીમન્ે ટ ન ે પોઇટર દ્વાર ઉપ Pointer operator(&) Pointer operator(*) | D. ાયોગ B. D. | Dot operator(.) Arrow operator(->) કરિા માટે િાપરવ ુાં જોઇચે? Dot operator(.) Arrow operator(->) |
| | С. २ <u>२</u> . А. | Pointer operator(*) યરના એલીમન્ે ટ ન ે પોઇંટર દ્વાર ઉપ Pointer operator(&) | D. ાયોગ B. D. | Dot operator(.) Arrow operator(->) કરિા માટે િાપરવ ુાં જોઇચે? Dot operator(.) |

| | C. | Char | D. | All of these | | | | |
|-------------|------------|--|------------|---|--|--|--|--|
| | | નામાથાં ી શ,ુાં જુદા-જુદા | | ട്വ പി ചാര്ട ളുട | | | | |
| | - ((4 | | . 00 | | | | | |
| ૫૧. | | પ્રકારના ડેટા | | | | | | |
| | A. | String | В. | Structure | | | | |
| | C. | Char | D. | All of these | | | | |
| | Whi | ch of the following statement is true. | | | | | | |
| | A. | Remember to place a semicolon at | В. | it is an error to compare two structure | | | | |
| 52. | | the end of definition of structure and | | variable | | | | |
| | | unions | | | | | | |
| | C. | Both (A) & (B) | D. | None of these. | | | | |
| | ની યે | નામાાં થી કય ુાં િાકય | | | | | | |
| | | સાય ુાં છે? | | | | | | |
| | | | | T | | | | |
| ૫૨. | A. | Remember to place a semicolon at | В. | it is an error to compare two structure | | | | |
| | | the end of definition of structure and | | variable | | | | |
| | | unions Poth (A) & (P) | D. | None of these. | | | | |
| | C. If in | Both (A) & (B) | | | | | | |
| 53. | A. | itialization is a part of structure the Automatic | B. | rage class can be Register | | | | |
|]55. | C. | Static | D. | anything | | | | |
| | ુ. જો i | | | <u> </u> | | | | |
| | 781 1 | શે i ^{nitialization} સ્ટ્રકયરના ભાગ તરેકી | | | | | | |
| 43 . | A. | Automatic | B. | Register | | | | |
| | C. | Static | D. | anything | | | | |
| | A st | ructure can be member of another s | tructu | nre | | | | |
| 54. | Α. | is called nesting of structure | B. | is called structure within structure. | | | | |
| | C. | Both (A) & (B) | D. | None of these. | | | | |
| | એક | સ્ટ્રકચર બીજા સ્ટ્રકચરના મમ્ે બર | ીકે ફ | ગ્રેય તો | | | | |
| | | તર | | | | | | |
| ૫૪. | | _ | | T | | | | |
| | A. | is called nesting of structure | В. | is called structure within structure. | | | | |
| | C. | Both (A) & (B) | D. | None of these. | | | | |
| | The | struct is the same as a class except | that | | | | | |
| 55. | A. C. | there are no member functions. | B. | all members are public | | | | |
| | <u>C</u> . | cannot be used in inheritance hierarchy | D. | it does have a this pointer. | | | | |
| | Stru | <u> </u> | <u> </u> | | | | | |
| | Suu | ct તે class ના જેવ ુાં જ છે | , 5 | | | | | |
| l | | વસાિય | | | | | | |
| | 1 | | — | all mambara ara public | | | | |
| ૫૫. | Δ | there are no member functions | IR . | | | | | |
| ૫૫. | A. | there are no member functions. | B. D | all members are public | | | | |
| ૫૫. | A. C. | cannot be used in inheritance | B. D. | it does have a this pointer. | | | | |
| uu . | C. | cannot be used in inheritance hierarchy | D. | * | | | | |
| | C. | cannot be used in inheritance | D. | it does have a this pointer. | | | | |
| પપ. 56. | C. Most | cannot be used in inheritance hierarchy appropriate sentence to describe union | D. | * | | | | |

| | | Union are less frequently used in program. | D. | Union are used for set operations. | | |
|------|--|--|----|--|--|--|
| | યવુનયન ન ે િણિશ િા માટે સૌથી યોગ્ય િાક્ છે. | | | | | |
| ૫૬. | A. | Union are like structure. | В. | Union contain members of different data types which share the same storage area in memory. | | |
| | | Union are less frequently used in program. | D. | Union are used for set operations. | | |
| | Which operator connects the structure name to its member name? | | | | | |
| 57. | A. | | B. | <- | | |
| | C. | .(dot operator) | D. | Both (b)and (c). | | |
| | કથો ઓપરેટર સ્ટ્રક્ચરના નામ અન ે મમ્ે બર ન ે જોડે છે? | | | | | |
| ૫૭. | A. | _ | B. | <- | | |
| | C. | .(dot operator) | D. | Both (b)and (c). | | |
| | Union is | | | | | |
| 58. | | not a group of variable. | | a variable. | | |
| | C. | Both (A) & (B) | D. | None of these. | | |
| | યવુનયન છે. | | | | | |
| ૫૮. | A. | not a group of variable. | В. | a variable. | | |
| | C. | Both (A) & (B) | D. | None of these. | | |
| | | indicates | | | | |
| 59. | | error in file | В. | end of file | | |
| | C. | move to the beginning of file | D. | move to desired position in file | | |
| 11.6 | ^{feof()} દશા ી છે | | | | | |
| ૫૯. | A. | error in file | В. | end of file | | |
| | | move to the beginning of file | D. | move to desired position in file | | |
| | The file iostream includes | | | | | |
| 60. | A. | The declaration of the basic standard | В. | The streams of includes and outputs of | | |
| | | input-output library. | | program effect. | | |
| | C. | Both of these | D. | None of these. | | |
| | ફાઇલ iostream ધરાિે છે. | | | | | |
| SO. | A. | The declaration of the basic standard | В. | The streams of includes and outputs of | | |
| | | input-output library. | | program effect. | | |
| | | Both of these | D. | None of these. | | |
| | The contents of a file will be lost if it is opened in | | | | | |
| 61. | A. | 'a' mode | В. | 'w' mode | | |
| | C. | 'w+' mode | D. | 'a+' mode | | |
| ક૧. | ફાઇલમાનાંા કન્ટેન્ટ દૂર થઇ જાય છે, જો તે મા ાંખોલાિમા ાંઆિે. | | | | | |
| | A. | 'a' mode | В. | 'w' mode | | |
| | C. | 'w+' mode | D. | 'a+' mode | | |
| 62. | The fseek function | | | | | |
| | A. | needs three arguments | В. | makes the rewind function | | |
| | 1 | | I | unnecessary | | |

| | C. | is meant for checking whether a | D. | both (A) & (B) | | |
|------------|---|---|----------|---------------------------------------|--|--|
| | 1 | given file exists or not | | | | |
| | ફાંક્શન ^{fseek} તે | | | | | |
| ક૨. | A. | needs three arguments | B. | makes the rewind function | | |
| | | | | unnecessary | | |
| | C. | is meant for checking whether a | D. | both (A) & (B) | | |
| | ļ | given file exists or not | | | | |
| | ftell i | | _ | | | |
| 63. | A. | is a function. | В. | gives the current file position | | |
| 03. | | | <u> </u> | indicator. | | |
| | C. | can be used to find the size of a file. | D. | All of the above. | | |
| | ^{ftell} ત ે શ ુા ં છે [?] | | | | | |
| S3. | A. | is a function. | В. | gives the current file position | | |
| 33. | | | | indicator. | | |
| | C. | can be used to find the size of a file. | D. | All of the above. | | |
| | If a file is opened in w+ mode then | | | | | |
| | A. | after write operation reading is | B. | reading is possible | | |
| 64. | | possible without closing and | | | | |
| | | reopening | | | | |
| | C. | writing is possible | D. | All of the above. | | |
| | w + મૉડમા ાં ફાઇલ ખોલાિથી નીચેન ામાથાં ી શ ુાં શક્ છે? | | | | | |
| c v | A. | after write operation reading is | B. | reading is possible | | |
| ۶¥. | | possible without closing and | | | | |
| | | reopening | | | | |
| | C. | writing is possible | D. | All of the above. | | |
| | | le is opened in r+ mode then | | | | |
| 65. | A. | reading is possible | B. | writing is possible | | |
| | C. | both (A) & (B). | D. | all the above | | |
| 5) | r+ મૉડમા ાં ફાઇલ ખોલિાથી નીયેન ામાથાં ી શ ુાં શક્ છે? | | | | | |
| કપ. | A. | reading is possible | B. | writing is possible | | |
| | C. | both (A) & (B). | D. | all the above | | |
| | The process of accessing data stored in a tape is similar to manipulating data on a | | | | | |
| 66. | Α. | Queue | B. | Stack | | |
| | C. | List | D. | None of these. | | |
| | ટેપમા ાં સગ્રાં હૃહત કરેલો ડેટા મેળિિા માટેની પ્રહિયા એ પરના ડેટા પર કાય થ | | | | | |
| S S . | કરિા બરાબર છે. | | | | | |
| | A. | Queue | B. | Stack | | |
| | C. | List | D. | None of these. | | |
| | In the statement fprintf(fpt,"%n",i), the variable fpt is a/an | | | | | |
| 67. | A. | Integer variable | В. | Arbitrarily assigned value | | |
| | C. | Pointer to a file. | D. | Special kind of variable called file. | | |

| | fprintf(fpt,"%n",i), સ્ટ્રેટ્મન્ે ટ્મા ાં fpt યલ તે છે. | | | | | |
|-------------|--|---|----|--|--|--|
| ૬૭. | Α. | Integer variable | В. | Arbitrarily assigned value | | |
| | C. | Pointer to a file. | D. | Special kind of variable called file. | | |
| | The function sprint() works like printf(), but operates on | | | | | |
| 68. | A. | Data in a file | B. | stdin | | |
| | C. | stderr | D. | string | | |
| | ફાંક્શ | ફાંક્શન sprint() એ printf() ની જેમ જ કાય થ કરે છે પણ ત ે ન ે પર ઓપરેટ કરે | | | | |
| ٩ ८. | છે. | ₿ . | | | | |
| | A. | Data in a file | B. | stdin | | |
| | C. | stderr | D. | string | | |
| | The | The function fopen ("filename","r") returns | | | | |
| | A. | Nothing | B. | A value 0 or 1 whether the file could | | |
| 69. | | | | be open or not. | | |
| | C. | A pointer to FILE filename, if it is exists. | D. | A pointer to new file after creating it. | | |
| | ફાંક્શન fopen ("filename","r") શ ુાં રીટન શ કરે છે? | | | | | |
| | A. | Nothing | B. | A value 0 or 1 whether the file could | | |
| Se. | | | | be open or not. | | |
| | C. | A pointer to FILE filename, if it is exists. | D. | A pointer to new file after creating it. | | |
| | getc() function is used | | | | | |
| 70. | A. | to read string from file | В. | to read character from file | | |
| | C. | to read integer from file | D. | to read from file. | | |
| ૭૦. | getc() ફાંક્શન નો ઉપયોગ માટે થાય છે. | | | | | |
| | Α. | to read string from file | В. | to read character from file | | |
| | C. | to read integer from file | D. | to read from file. | | |
