DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
BTECH 2nd SEM CSE SESSION 2020-21
COMPUTER PROGRAAMING LAB EXTERNAL EXAM

MAXIMUM MARKS : 20 EXAM TIME : 10:00AM – 11:00AM **DATE: 16/09/2021**

Note : *All of you make the assigned program and write in A4 sheet and take the screenshot of your program with output window also. Write the VIVA answer in A4 sheet. VIVA question is available in last page of this sheet. All VIVA question is compulsory to attempt. Make the PDF of answer sheet and upload in google form* https://forms.gle/4d5U8BEZpPopcsUM9

S. N.	ROLL NO.	STUDENT NAME	PRACTICLE QUESTION
1	20103001	ABHIGYAN	Write a C program to calculate factorial of number **N** using your own header file like **factorial.h** and in header file **fact** function will calculate factorial and return the value to main function and print.
2	20103002	ABHILASHA KUMARI	Write a C program to find sum of following series using function: $2*1^1 + 3*2^2 + 4*3^3 + 5*4^4$....
3	20103003	ABHIMANYU YADAV	Write a C program to count total number of bit 1 in given number N.(e.g if Number is 14 means in binary 1110 total number of 1 in binary is 3 will be output).
4	20103004	ABHISHEK KUMAR SINGH	Write a C program to take a input as string and change each alternat letter to capital to small or small to capital.(e.g. if input string is **JaiHind** then output will be **jaIHInD).**
5	20103005	ADARSH SAURABH	Write a C program using structure of **student** having rollno, name, branch as member and insert 10 students detail. Find the **total students** name length is more than 10.
6	20103006	ADITYA PATIDAR	Write a C program to display following pattern: 1 100 3 99 5 98 7 97 1
7	20103007	AKSHANSH VERMA	Write a C program to accept a string and generate its code.(eg. If input is HELLO then output is IGOPT).
8	20103008	AKUVAKKALA VARUN TEJA	Write a C program to generate following pattern: P ** PPP **** PPPPP
9	20103009	ALA ASHISH CHOWDARY	Write a C program to swap two number using function **swap()** that is available in **swap.h** header file(you have to create this header file) and print the swapped value in main function.

10	20103010	AMAN CHAHAR	Write a C program to store 10 number in **one dimensional array** and check all number that if tens place of each number is 2 then change it to 5.
11	20103011	AMARAVATI AMRUTHA SRI	Write a C program to make the calculator for input a and b. Given input a and b if you will choose option 1 means input 1 then it will add a and b and if you will choose option 2 then it will subtract a and b and if you will choose option 3 then it will multiply a and b and if you will choose option 4 then it will divide a and b using **switch..case** statement.
12	20103012	ANIRBAN BHATTACHARJEE	Write a C program using structure to make a **BOOK** structure and its member bookid, bookname, bookprice and insert 10 book details and display the costliest bookname.)
13	20103013	ANKIT ANAND	Write a C program to sort the given numbers in descending order.(e. g. if numbers are 23 45 67 12 9 5 then descending order is 67 45 23 12 9 5)
14	20103014	ANKUSH	Write a program in C to given number N is palindrome or not and if number is palindrome then only check number is even or odd.
15	20103015	ATHARVA BHAWSAR	Write a program in C to print a string in reverse using a pointer.(e.g. if input is GENUINE then reverse output is ENIUNEG)
16	20103016	AYUSH AGARWAL	Write a C program to calculate factorial of number **N** using your own header file like **factorial.h** and in header file **fact** function will calculate factorial and return the value to main function and print.
17	20103017	AYUSH SHARMA	Write a C program to find sum of following series using function: $2*1^1 + 3*2^2 + 4*3^3 + 5*4^4....$
18	20103018	AYUSH SURYAWANSHI	Write a C program to count total number of bit 1 in given number N.(e.g if Number is 14 means in binary 1110 total number of 1 in binary is 3 will be output).
19	20103019	BALDEV KUMAR	Write a C program to take a input as string and change each alternat letter to capital to small or small to capital.(e.g. if input string is **JaiHind** then output will be **jaIHInD).**
20	20103020	BATHIRI MANOJ KUMAR	Write a C program using structure of **student** having rollno, name, branch as member and insert 10 students detail. Find the **total students** name length is more than 10.
21	20103021	BHUPENDER YADAV	Write a C program to display following pattern: 1 100 3 99 5 98 7 97 1
22	20103022	BIBHUJIT SAMAL	Write a C program to accept a string and generate its code.(eg. If input is HELLO then output is IGOPT).
23	20103023	CHAVAKULA GOVIND	Write a C program to generate following pattern: P ** PPP **** PPPPP
24	20103024	DONDAPATI BOBBY JOEL	Write a C program to swap two number using function **swap()** that is available in **swap.h** header file(you have to create this header file) and print the swapped value in main function.

25	20103025	GANDI BHANU TEJA	Write a C program to store 10 number in **one dimensional array** and check all number that if tens place of each number is 2 then change it to 5.
26	20103026	GAURAV YADAV	Write a C program to make the calculator for input a and b. Given input a and b if you will choose option 1 means input 1 then it will add a and b and if you will choose option 2 then it will subtract a and b and if you will choose option 3 then it will multiply a and b and if you will choose option 4 then it will divide a and b using **switch..case** statement.
27	20103027	GORJA RAMA CHANDRA RAO	Write a C program using structure to make a **BOOK** structure and its member bookid, bookname, bookprice and insert 10 book details and display the costliest bookname.)
28	20103028	HARDIK VERMA	Write a C program to sort the given numbers in descending order.(e. g. if numbers are 23 45 67 12 9 5 then descending order is 67 45 23 12 9 5)
29	20103029	HARSH RAJ JHA	Write a program in C to given number N is palindrome or not and if number is palindrome then only check number is even or odd.
30	20103030	KARN TIWARI	Write a program in C to print a string in reverse using a pointer.(e.g. if input is GENUINE then reverse output is ENIUNEG)
31	20103031	KISHAN KUMAR SETH	Write a C program to calculate factorial of number **N** using your own header file like **factorial.h** and in header file **fact** function will calculate factorial and return the value to main function and print.
32	20103032	KURADA LOKESH CHANDRA DORA	Write a C program to find sum of following series using function: $2*1^1 + 3*2^2 + 4*3^3 + 5*4^4 ....$
33	20103033	LAXMAN CHADHAR	Write a C program to count total number of bit 1 in given number N.(e.g if Number is 14 means in binary 1110 total number of 1 in binary is 3 will be output).
34	20103034	MADALA SAI DEEPTHI	Write a C program to take a input as string and change each alternat letter to capital to small or small to capital.(e.g. if input string is **JaiHind** then output will be **jaIHInD).**
35	20103035	MAKIREDDI KIRAN BABU	Write a C program using structure of **student** having rollno, name, branch as member and insert 10 students detail. Find the **total students** name length is more than 10.
36	20103036	MALLA GEETHA MADHURI	Write a C program to display following pattern: 1 100 3 99 5 98 7 97 1
37	20103037	MARPU SAI SWADESH	Write a C program to accept a string and generate its code.(eg. If input is HELLO then output is IGOPT).
38	20103038	MOHAMMAD KAZIM	Write a C program to generate following pattern: P ** PPP **** PPPPP
39	20103039	MOHAMMAD SHAMEEM	Write a C program to swap two number using function **swap()** that is available in **swap.h** header file(you have to create this header file) and print the swapped value in main function.

40	20103040	MUMMADISETTI DEVI PRASANNA	Write a C program to store 10 number in **one dimensional array** and check all number that if tens place of each number is 2 then change it to 5.
41	20103041	MUTTHA YESWANTH KUMAR	Write a C program to make the calculator for input a and b. Given input a and b if you will choose option 1 means input 1 then it will add a and b and if you will choose option 2 then it will subtract a and b and if you will choose option 3 then it will multiply a and b and if you will choose option 4 then it will divide a and b using **switch..case** statement.
42	20103042	NAGOLU CHAITHANYA	Write a C program using structure to make a **BOOK** structure and its member bookid, bookname, bookprice and insert 10 book details and display the costliest bookname.)
43	20103043	NIKHIL KUMAR	Write a C program to sort the given numbers in descending order.(e. g. if numbers are 23 45 67 12 9 5 then descending order is 67 45 23 12 9 5)
44	20103044	PARICHENNAYAPALLI VISWA SAI REDDY	Write a program in C to given number N is palindrome or not and if number is palindrome then only check number is even or odd.
45	20103045	PONDURU PURNA CHANDRA RAO	Write a program in C to print a string in reverse using a pointer.(e.g. if input is GENUINE then reverse output is ENIUNEG)
46	20103046	PRATHMESH RAVINDRAKUMAR PAHADE	Write a C program to calculate factorial of number **N** using your own header file like **factorial.h** and in header file **fact** function will calculate factorial and return the value to main function and print.
47	20103047	PUTTALA LAXMAN	Write a C program to find sum of following series using function: $2*1^1 + 3*2^2 + 4*3^3 + 5*4^4$....
48	20103048	RAUSHAN MEHTA	Write a C program to count total number of bit 1 in given number N.(e.g if Number is 14 means in binary 1110 total number of 1 in binary is 3 will be output).
49	20103049	RAVI GUPTA	Write a C program to take a input as string and change each alternat letter to capital to small or small to capital.(e.g. if input string is **JaiHind** then output will be **jaIHInD).**
50	20103050	RAYALA JAGADEESH	Write a C program using structure of **student** having rollno, name, branch as member and insert 10 students detail. Find the **total students** name length is more than 10.
51	20103051	RISHIKESH KUMAR	Write a C program to display following pattern: 1 100 3 99 5 98 7 97 1
52	20103052	ROBIN DAHARE	Write a C program to accept a string and generate its code.(eg. If input is HELLO then output is IGOPT).
53	20103053	SAMBIT PATRA	Write a C program to generate following pattern: P ** PPP **** PPPPP
54	20103054	SANKINENI AASHRITHA	Write a C program to swap two number using function **swap()** that is available in **swap.h** header file(you have to create this header file) and print the swapped value in main function.

55	20103055	SATYAM KANAUJIYA	Write a C program to store 10 number in **one dimensional array** and check all number that if tens place of each number is 2 then change it to 5.
56	20103056	SHREYASH GAURAV	Write a C program to make the calculator for input a and b. Given input a and b if you will choose option 1 means input 1 then it will add a and b and if you will choose option 2 then it will subtract a and b and if you will choose option 3 then it will multiply a and b and if you will choose option 4 then it will divide a and b using **switch..case** statement.
57	20103057	SHUDHANSHU KUMAR	Write a C program using structure to make a **BOOK** structure and its member bookid, bookname, bookprice and insert 10 book details and display the costliest bookname.)
58	20103058	SUMIT KUMAR	Write a C program to sort the given numbers in descending order.(e. g. if numbers are 23 45 67 12 9 5 then descending order is 67 45 23 12 9 5)
59	20103059	SUNKARA SRI SAI KAILASH	Write a program in C to given number N is palindrome or not and if number is palindrome then only check number is even or odd.
60	20103060	SURAJ KUMAR	Write a program in C to print a string in reverse using a pointer.(e.g. if input is GENUINE then reverse output is ENIUNEG)
61	20103061	SURAJ SHARMA	Write a C program to calculate factorial of number **N** using your own header file like **factorial.h** and in header file **fact** function will calculate factorial and return the value to main function and print.
62	20103062	SUSHANT KUMAR GAURAV	Write a C program to find sum of following series using function: $2*1^1 + 3*2^2 + 4*3^3 + 5*4^4$....
63	20103063	TANKALA GOPI	Write a C program to count total number of bit 1 in given number N.(e.g if Number is 14 means in binary 1110 total number of 1 in binary is 3 will be output).
64	20103064	THUMMANAPALLI SHIVA KUMAR	Write a C program to take a input as string and change each alternat letter to capital to small or small to capital.(e.g. if input string is **JaiHind** then output will be **jaIHInD).**
65	20103065	TUBE PAVAN KUMAR	Write a C program using structure of **student** having rollno, name, branch as member and insert 10 students detail. Find the **total students** name length is more than 10.
66	20103066	VADDEPALLY DEVIPRIYA	Write a C program to display following pattern: 1 100 3 99 5 98 7 97 ……..1
67	20103067	VARSHITH MOHAN KOCHARLA	Write a C program to accept a string and generate its code.(eg. If input is HELLO then output is IGOPT).
68	20103068	VEDANT SINGH	Write a C program to generate following pattern: P ** PPP **** PPPPP
69	20103069	VEPATI KARTHIK CHOUDARY	Write a C program to swap two number using function **swap()** that is available in **swap.h** header file(you have to create this header file) and print the swapped value in main function.

70	20103070	VICKY KUMAR PATEL	Write a C program to store 10 number in **one dimensional array** and check all number that if tens place of each number is 2 then change it to 5.
71	20103071	VRISHI MESHRAM	Write a C program to make the calculator for input a and b. Given input a and b if you will choose option 1 means input 1 then it will add a and b and if you will choose option 2 then it will subtract a and b and if you will choose option 3 then it will multiply a and b and if you will choose option 4 then it will divide a and b using **switch..case** statement.
72	20103072	YATINDRA DEO	Write a C program using structure to make a **BOOK** structure and its member bookid, bookname, bookprice and insert 10 book details and display the costliest bookname.)
73	20103073	YERAMAREDDY DHANUSH SAI REDDY	Write a C program to sort the given numbers in descending order.(e. g. if numbers are 23 45 67 12 9 5 then descending order is 67 45 23 12 9 5)
74	20103074	YUKTA WATTI	Write a program in C to given number N is palindrome or not and if number is palindrome then only check number is even or odd.
75	19103330	KONKADA KAUSHIK (old CBCS)	Write a program in C to print a string in reverse using a pointer.(e.g. if input is GENUINE then reverse output is ENIUNEG)

VIVA Questions

Note: Each question carry 1 marks. All questions are compulsory. Write answer only in same order.

1. $(123)_{10} = (?)_4$
2. Full form of ASCII….
3. 1PB = …. KB
4. Compiler can convert ……… to ……..
5. **for(i=0;i<22;i+=2);** how many times values of i will be checked ………
6. **float a[20];** if starting address is 2013 then address of **a[13]** element address is ……
7. Which specifier is used for **double** variable ……
8. **do{ printf("H");}while(1);** How many time **H** will be printed ……..
9. C language is developed by ……..
10. Pointer variable is used to store ……….

All the BEST