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|  | **CSE 103 Summer 2014 Class test #01 marks: 15 Time: 45 min.** |  |
| 1. | Which of the following names are valid and invalid identifier names? Explain.  i) World-cup ii) 2014Brasil iii) UltimateFootball iv) do\_while v) else vi) name%s | 6 |
| 2. | Write the outputs of following code segment:  char name[]=”World Cup Brasil 2014”;  printf(“%s\n”, name);  printf(“%25.7s \n”, name);  printf(“%25s” , name); | 3 |
| 3. | a) What will be the output (T=1, F=0) of the expressions: a != ‘s’ || i+f<=20 (where a=’s’ , i= 13, f=7.3)  b) What will be the value of X, after the statement: X = (j>0) ? j : k; (initially X= 100, j=103, k=105)  c) What will be the value of x? x= pow(j, i); (where initially, x=400, i=3, j=5) | 3 |
| 4. | Write the syntax and purpose of the following library functions: a) putchar(), b) gets() c) sqrt() | 3 |
| 5. | Rewrite the following C code with correct syntax:  #include <studio.h>;  int main()  { int A,i, char name[]=”Hello”;  scanf (“ %f”, A);  for (i=1, A<=i, i++);  { if (A%i=0)  printf(“%c , %f can be divided by %ld \n”,name, A, i); } } | 5 |
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