Practice Sheet

**1. When double is converted to float, the value is?**

**a) Truncated                      b) Rounded**

**c) Depends on the compiler   d) Depends on the standard**

**2. The format identifier ‘%i’ is also used for \_\_\_\_\_ data type?**

**a) char      b) int         c) float             d) double**

**3. Which data type is most suitable for storing a number 65000 in a**

**32-bit system?**

**a) short          b) int          c) long         d) double**

**4. What is the output of this C code?**

**int main()   {**

**char chr;**

**chr = 128;**

**printf("%d\n", chr);**

**return 0;**

**}**

**5. What is short int in C programming?**

**a) Basic datatype of C**

**b) Qualifier**

**c) short is the qualifier and int is the basic datatype**

**d) All of the mentioned**

**6. void main(){**

**char ch1='A';**

**char ch2=65;**

**char ch3='\x41';**

**printf("%c %c %c",ch1,ch2,ch3);**

**}**

**7. void main(){**

**printf("\"hi\\nhello\"");**

**}**

**8. void main(){**

**float f=1.2345E2;**

**printf("%d",f==1.2345E2);**

**}**

**9. what is the maximum valid length of identifier name**

**a. undefined**

**b. 32 char wide**

**c. depends on compiler setting**

**10.which is sign qualifiers(multiple choice).**

**a. short**

**b. long**

**c. signed**

**d. unsigned**

**11.which is size qualifiers (multiple choice).**

**a. short**

**b. long**

**c. signed**

**d. unsigned**

**12.which combinition of data types are invalid**

**a. signed int**

**b. unsigned int**

**c. unsigned long int**

**d. signed char**

**e. signed long char**

**f. singed float**

**g. unsigned long float**

**h. long double**

**13.what is output**

**void main(){**

**float f=5;**

**float x;**

**x=f%2;**

**printf("%f",x);**

**}**

**14.void main(){**

**int i;**

**long int l;**

**float f;**

**i=32767+1;**

**l=32767+1;**

**f=32767+1;**

**printf("%d %ld %f",i,l,f);**

**}**

**15.void main()**

**{**

**a=3.5;**

**printf("%f",a);**

**}**

**16.void main()**

**{**

**int a=12/5;**

**float f=12/5;**

**printf("%d %f",a,f);**

**}**

**17.What is the size of an int data type?**

**a) 4 Bytes**

**b) 8 Bytes**

**c) Depends on the system/compiler**

**d) Cannot be determined**