Question - 1

SCORE: **2 points**

MCQ_MARK1_TEAM2

What will be the output (value of x) for the following code snippet assuming no syntax error?

```
int x = 17;
if ( x = 61 )
   printf("%d",x);
```

- 17
- 62
- (●) 61
- 34

Question - 2

SCORE: **2 points**

CS101_2018_FA1_Mark1_Team2

Predict the output of the following code?

```
#include<stdio.h>
int main()
{
int a = 5;
if(( a>6) && (a++<8 ))
  printf("Hello");
printf("a = %d",a);
}
```

- (●) a=5
- Hello
  a=6
- Hello
  a=5
- Hello

Question - 3

SCORE: **2 points**

CS101_2018_FA1_Mark1_Team2

```
#include <stdio.h>
void main()
{
 int a;
 a=printf("C")+printf("Coding");
 printf("%d",a)
}
```

- C
- CCoding
- CCoding7
- Compile Time Error

Question - 4

SCORE: 2 points

CS101_2018_FA1_Mark1_Team2

What is output of the following code?

```
#include<stdio.h>
int main()
{
int a = 4, b = 5 ,c;
c= a/b;
printf("%f\n", c);
return 0;
}
```

- 0
- 0.800000
- Compile Time Error
- 0.000000

Question - 5

SCORE: 2 points

CS101_2018_FA1_MCQ1_Mark2_Team2

```
#include<stdio.h>
int main()
{
int x=15,y=5;
if(x=10)
y--;
printf("%d, %d", x,y--);
}
```

- 15, 5
- 10, 4
- 10, 3
- 15, 4

Question - 6

SCORE: 2 points

CS101_2018_FA1_MCQ2_Mark2_Team2

Predict the output of the following code snippet?

```
#include <stdio.h>
int main()
{
int a=0;
if(a==0)
printf("In if");
else
printf("In Else");
printf(" Out of IfElse");
}
```

- (●) In if Out of IfElse
- ( ) In Else Out of IfElse
- ( ) In if
- ( ) In Else

Question - 7

SCORE: **2 points**

CS101_2018_FA1_MCQ3_Mark2_Team2

What will be output of the following code?

```
#include<stdio.h>
int main()
{
int x = -8;
int r = x % -3;
printf("%d\n", r);
return 0;
}
```

- ( ) 2
- ( ) Compile Time Error
- (●) -2
- ( ) 0

Question - 8

SCORE: **10 points**

Toy for a Kid

A kid having a Piggy Bank with different number of coins of Rs 10,Rs 5 Rs 2, &Rs 1.
Depending upon number of coins, calculate the total amount in piggy bank.

Kid wants to purchase a game/toy for himself, he have different options:
A) VIDEO GAME, if the total amount in piggy bank is more than 500
B) REMOTE CONTROL CAR, if the amount is 500 & more than 200
C) PUZZLE GAME BOX,if amount is more than 100
D) If total amount is less than 100,kid NEED MORE MONEY.

Design th e solution in C language for the above given problem.

Program must accept the four integer values that are the number of coins for each mentioned value.
In output display the name of toy or statement, (mentioned in statement in capital letters) depending on total amount Piggy Bank.

Sample Case 1:
INPUT:
50
20
10
2
OUTPUT:
VIDEO GAME

Sample Case 2:
INPUT:
5
3
4
1
OUTPUT:
NEED MORE MONEY
Explanation:
INPUT:
In case 1 &2, four integers represents the number of coins of Rs 10, Rs 5, Rs 2, & Rs 1 respectively.
OUTPUT:
In case 1, total amount is more than Rs 500 so , it display VIDEO GAME .
In case 2, Total amount is less than Rs 100 so, it display NEED MORE MONEY.

Question - 9

SCORE: **2 points**

CS101_2018_FA1_Team2

In computer system, transformation of user language form into its binary form (understandable by machine) is accomplished with the help of _____.

- ( ) Inhouse Compiler
- ( ) Lexical Translator
- ( ) Computer
- (•) Compiler and Interpreters

Question - 10

SCORE: **2 points**

CS101_2018_FA1_Team2

1. Which statement could cause the entire contents of Filename to be inserted into the source code at that point in a program.

- (•) #include “filename”
- ( ) Copy command
- ( ) Calling main function into another main function
- ( ) None of These

Question - 11

CS101_2018_FA1_Team2

SCORE: **2 points**

In computer system, transformation of user language form into its binary form (understandable by machine) is accomplished with the help of _____.

- Inhouse Compiler
- Lexical Translator
- Computer
- Compiler and Interpreters

Question - 12

SCORE: **2 points**

1. Which of the following is not a keyword in C?

- typedef
- extern
- main
- union

Question - 13

SCORE: **2 points**

1. What is the difference between a declaration and a definition of a variable?

Both can occur multiple times, but a declaration must occur first.

A definition occurs once, but a declaration may occur many times

A declaration occurs once, but a definition may occur many times.

Both can occur multiple times, but a definition must occur first.