# A

| Name: | | Roll No.: | |
|---|---|---|---|
| Programming Fundamentals | | | |
| Quiz 2 | Section D | Marks:10 | Time: 12 Minutes |

**Tell if the following code snippets will produce an error or will give an output; in case of an output write all outputs down; if its an error, explain the error fully. [CLO 1]**

```
#include <iostream> #include <iomanip> using namespace std;
int main() { cout << setfill(' ') << setw(4) << "*" << setw(2)<<"*"
<< endl << setw(5) << "*" << endl << setw(4) << "*" << setw(2) << "*"
<< endl << setw(7) << "*****" << endl << setw(4) << "*" << setw(2) <<
"*" << endl << setw(5) << "*" << endl << setw(5) << "*" <<
endl;return 0; }
```

| Rough Work | Output |
|---|---|
| | |

```
#include <iostream> using namespace std;
int main() { int a = 9, b = 4, z = 025; char c = 'H', d = 72;
unsigned int u = 0x3C; long long ll = 0b101010; float f = 6.2f, g =
1.8f; bool flag = false; double result = static_cast<double>(a) / b +
d; cout << result; int val = u - a + c; cout << val; cout << z * f -
ll; float ratio = static_cast<float>(a) / b; cout <<
static_cast<int>(ratio + g); cout << static_cast<char>(c + 7); bool
final = (a % b == 1); cout << static_cast<int>(final) * 20; cout <<
static_cast<double>(z + u) / (a + b); return 0; }
```

| Rough Work | Output |
|---|---|
| | |

# B

| Name: | | Roll No.: | |
|---|---|---|---|
| Programming Fundamentals | | | |
| Quiz 2 | Section D | Marks:10 | Time: 12 Minutes |

**Tell if the following code snippets will produce an error or will give an output; in case of an output write all outputs down; if its an error, explain the error fully. [CLO 1]**

```
#include <iostream> #include <iomanip> using namespace std;
int main() { cout << setfill(' ') << setw(5) << "*" << endl <<
setw(3) << "*" << setw(4) <<"*" << endl << setw(2) << "*" << setw(6)
<<"*" << endl << setw(3) << "*" << setw(4) <<"*" << endl << setw(5)
<< "*" << endl; return 0; }
```

| Rough Work | Output |
|---|---|
| | |

```
#include <iostream> using namespace std;
int main() { int a = 14, b = 7, m = 0b100111; char c = 'C', d = 80;
unsigned int u = 041; long long ll = 0x2A; float f = 5.5f, g = 2.4f;
bool flag = true; double result = static_cast<double>(a) / b + c;
cout << result; int sum = d + a - u; cout << sum; cout << m - f * ll;
float product = static_cast<float>(m) / b; cout <<
static_cast<int>(product + g); cout << static_cast<char>(c + 10);
bool check = (a > b); cout << static_cast<int>(check) * 15; cout <<
static_cast<double>(a * m) / (u + 4); return 0; }
```

| Rough Work | Output |
|---|---|
| | |