

Beraphic Era University
Mid - Sem Exam, September 2020

University Roll No: 2014669

Enrollment No: A2-19 2014669

Roll No (In Words): Two Zero One Four Six Six Nine

Exam: Regular

Name: Marsh Chatterjee

Subject: Object Oriented Programming with C++ Lab.

Date of Exam: Nov 3, 2020

Session: 2019 - 2023

Paper code: PC8 - 307

Semester: 3

Branch: CSE (ML+AI)

Candidate's Signature:



Ans - 1 =>

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class

```
#include <iostream.h>
```

```
using namespace std;
```

```
class Invoice {
```

private:

```
String partNumber;
```

```
String partDescription;
```

```
int quantity;
```

```
int price;
```

public :

// Set

```
void setPartNumber (String pNo) {
```

this → partNumber = pNo;

}

```
void setPartDescription (String desc) {
```

this → partDescription = desc;

}

```
void setQuantity (int qty) {
```

~~this → quantity = qty;~~

if (qty > 0) {

this → quantity = qty;

? else {

this → quantity = 0;

}

}

```

8     void setPrice (int pprice) {
    if (pprice > 0) {
        this->price = pprice;
    } else {
        this->price = 0;
    }
}

// Get
string getPartNumber () {
    return this->partNumber;
}

string getPartDescription () {
    return this->partDescription;
}

* int getQuantity () {
    return this->quantity;
}

int getPrice () {
    return this->price;
}

// Constructor
InValue ( string no, string descr, int qty, int pr) {
    this->partNumber = no;
    this->partDescription = descr;
    this->quantity = qty;
    this->price = pr;
}

```

```
int getInvoiceAmount () {
    return this->quantity * this->price;
}

int main() {
    Invoice invoice ("XPS-15", "Windows Laptop", 10, 0);
    invoice.setPrice (229990);
    cout << invoice.getInvoiceAmount << endl;
    return 0;
}
```

Result:-

2299900