



UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. in Fig.

Roll No. in Words.

PAPER: C++ Computer Programming Language

MAX. TIME: 15 Min.

Course Code: STAT-405 Part-I (Compulsory)

MAX. MARKS: 10

Signature of Supdt.:

Attempt this Paper on this Question Sheet only.

Please encircle the correct option. Division of marks is given in front of each question.

This Paper will be collected back after expiry of time limit mentioned above.

Question1. Objective Part

a. Fill in the Blanks

(05)

i. Let

```
int variable = 52;
```

```
cout<< variable%10;
```

output will be _____

ii. Let

```
int variable = 0;
```

```
if(variable < 4)
```

```
    cout<< "i am good today";
```

```
else
```

```
    cout<<"i am sick today"
```

output will be _____

iii. Int i = -5;

```
while( i < 0){
```

```
    cout<<"wao";
```

```
    i++;
```

```
}
```

```
cout<<i;
```

How many time "Wao will be printed" output will be _____

After loop what is value of i output will be _____

iv. If we have a function prototype as following:

```
int * function( float );
```

Input type is _____

b. Choose whether following statement is true or false

(05)

i. Remainder of float variable is obtained using %

(True/False)

ii. function can input different type of variables

(True/False)

iii. function can return more than one value

(True/False)

iv. Integer array can store float number

(True/False)

v. Accessing RAM is faster as compared to Access of Cache

(True/False)



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PAPER: C++ Computer Programming Language

Course Code: STAT-405 Part – II

MAX. TIME: 2 Hrs. 45 Min.

MAX. MARKS: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Question2. Write short note of following

(5x4=20)

- Use of NULL character in strings
- Use of % operator
- Arrays as input to a function
- if statement
- for loop vs do-while loop

Question3. Write code to implement following programs

(7+9+7+7) Marks

- User will enter 3 digit number through keyboard, write a program to print middle digit
- Write a function that inputs array of 50 integers and return their mean and sum using structure
- Write code to find odd numbers less than 50.
- Write a code to find the number of time "A" appeared in a string