

Computer Application – Project (Half Yearly) 10 programs

- 1) WAP to convert Celsius to Fahrenheit.
- 2) WAP to find the area & perimeter of a square.
- 3) WAP to find the area & perimeter of a rectangle.
- 4) WAP to find the area & perimeter of a triangle.
- 5) WAP to find the volume of a cuboid. $V = \text{length} \times \text{breadth} \times \text{height}$
- 6) WAP to find the volume of a cylinder. $V = \pi \times r^2 \times h$ (r=radius, h=height)
- 7) WAP to find the discount of a product if Cost Price is 138/- and discount allowed is 17%.
- 8) WAP to find the quotient & remainder of a division.
- 9) WAP to interchange the values of two numbers using third variable.
- 10) WAP to interchange the values of two numbers without using third variable.

General Instructions for the Project:

- a) Date of Submission of Project : To be announced later.
- b) All projects should be submitted in proper Hard Covered Project Files, properly covered with White paper. (No Project Files will be accepted if they don't satisfy the above mentioned requirements)
- c) The first page within the project should have the details of the student(Name, class, sec, Subj, SI No) and the Project Topic: CLASS IX COMPUTER APPLICATION, ICSE 2021, PROJECT WORK.
- d) The second page of the project should be the Contents page showing the list of programs(Brief Info about the program in one line) alongwith the page nos.
- e) The third page of the Project should an Introduction about the Project(where you should be writing in Brief about the Java language and platform, BlueJ software.)
- f) From next Page it should be the list of programs one after the other. Each program should be having the source code, written on the ruled side, and a screen shot of the program execution pasted on the blank side of the file paper.
- g) Each program should be well documented using comments wherever necessary and a variable glossary in the format given below:

Variable Name	Data Type	Description	Scope of Variable

Computer Application – Project (Final) 10 programs

To be given later