



Department of Education, Sabaragamuwa - Weekly School

Week – Apr 4

Subject:- ICT

Grade :- 11

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Revision

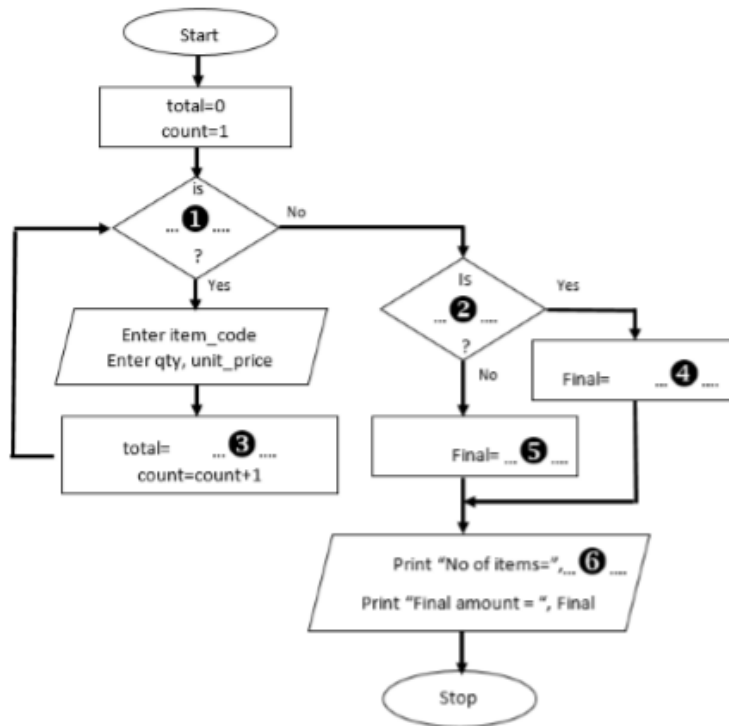
- (1). There are three tests for an entrance examination. If any candidate fails at least one test (marks less than 50) he will not get the opportunity for the course. If a candidate passes all the tests then he will be able to follow the course. This test will be closed when 10 students are selected.

The pseudocode for the above situation is given below and it has errors. Correct the code and re-write it.

```
1 Start
2 pass_applicant=0
3 while(pass_applicant=<10) do
4   i/p test1, test2, test3
5   if (test1>=50 and test2>=50 or test3<50) then
6     o/p "You have selected"
7     pass_applicant=pass_applicant+1
8   else
9     o/p "You have not selected"
10  endif
11  end while
12  o/p "10 applicants have already selected"
13 stop
```

- (2). Following is a flow chart which is drawn for a selling product of an organization. When prices and quantities of all the products selected by the customer are entered, the total bill is calculated. After that decides the discount according to the total bill. If the bill is higher than 5000, high discount rate will be applied.

Select the correct term to fill in the blanks and write the letter with the relevant number.



- A. $\text{total} > 5000$
- B. $\text{total} * 4\%$
- C. any product
- D. $\text{qty} * \text{unit_price}$
- E. $\text{total} + (\text{qty} * \text{unit_price})$
- F. $\text{total} - (\text{total} * 7\%)$
- G. $\text{count} - 1$
- H. $\text{total} - (\text{total} * 4\%)$