Marking Scheme

JYSS Computing (Paper 2)

Prelim Year Exam 2018

Name: _____

Class: _____

<u>TASK1</u>

Qn	Answer	Marks	Student
1	=LEFT(B10,1)		
2	one mark for working top formula, one mark for the rest		
	=VLOOKUP(F10,\$E\$24:\$F\$30,2,FALSE)		
3	In the top formula, one mark for the simple interest calculation, one mark for the addition to principal and one mark for the rest		
	=E10*F10*G10+E10		
4	one mark for working top formula, one mark for the rest		
	=H10/(12*F10)		
5	one mark for working top formula, one mark for the rest		
	=IF(AND(F10>3,D10="Online"),"YES","NO")		

TASK2

Qn	Ans	Answer		Student
6	(a)	student = 40		
	(b)	smallest = 100		
		<pre>if weight < smallest: smallest = weight</pre>		
		<pre>print("Smallest weight is ", smallest, "kg")</pre>		
	(c)	while weight < 40 or weight > 100:		
		<pre>weight = float(input("Enter weight between 40kg to 100 kg: "))</pre>		
7	<pre>student = int(input("Enter the number of students"))</pre>			

<u>Task 3</u>

Qn	Answer	Marks	Student
8	Single errors are underlined		
	height=0		
	accepted=0		
	rejected= <u>100</u>		
	input_str=input("Enter height in <u>cm:)</u>		
	while input_str != "" <u>or height</u> != "0":		
	height=int(input_str)		
	if height \geq 165 and height \leq 190:		
	accepted = accepted + 1		
	else:		
	rejected = rejected <u>-</u> 1		
	<u>input string</u> =input("Enter height in <u>m</u> : ")		
	<pre>print("Total accepted = ",height)</pre>		
	<pre>print("Total rejected = ", rejected)</pre>		
	Corrected lines.		
	rejected= <u>U</u>		
	input str=input("Enter height in cm: ")		
	while input at the UN and input at the UCN.		
	while input_str :- <u>and input str</u> :- 0:		
	if height >= 165 and height <= 190:		
	rejected = rejected + 1		
	input str=input("Enter height in cm: ")		
	<u> </u>		
	<pre>print("Total accepted = ",accepted)</pre>		

<u>Task 4</u>

Qn	Answer	Marks	Student
9	Program: input tshirt_sold		
	validation for between 0 to 20		
	variable set up for average and total		
	variables set up and initialised for totalshirt_day (1) and		
	totalshirt_week (1)		
	use of loops for 7 days (1) for 5 shirt sizes (1)		
	Correct calculation of average rounded to nearest whole number		
	Correct calculation of totals for totalshirt_day (1) and		
	totalshirt_week (1)		

Qn	Answer	Marks	Student
10	Test: nine lines of output (3) (-1 for each line with an error)		
	Test: output matches stored program		

Qn	Qn Answer		Student
11	Extend: correct test for less than 20 shirts sold		
	Correct output (-1 for each line with error)		

Qn	Answer	Marks	Student
12	Extend: entry of number of sizes		
	Correct loop control		

For Examiner's Use		
Task 1		10
Task 2		10
Task 3		10
Task 4		20
Total		50