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**INDIAN SCHOOL MUSCAT
HALF YEARLY EXAMINATION
SUBJECT : INFORMATION TECHNOLOGY**

CLASS: XI
18.09.2019

Sub.Code:802

Time Allotted: 3 Hrs.
Max.Marks: 60

General Instructions:

- 1. All the Questions are Compulsory**
- 2. Read the Question carefully before writing the answer**

1.	(a)	Write all the components of Open Office Screen. Each Component name – 1 mark	2
	(b)	What is the use of Insert Tab? Write any 4 Components of Insert Tab. Explanation with any 4 components(1+1 = 2marks)	2
	(c)	Write any four components of Table Tab. Any Four Components – 1 mark	1
	(d)	Write any Four components of Format Tab. Any Four components – 1 Mark	1
	(e)	Write all the steps of Mail Merge. All the 8 steps, each $\frac{1}{2}$ mark	4
2.	(a)	Draw the Layout of Seven Computers connected to the server. 1.Star Topology 2.Bus Topology Proper Diagram 1 mark each	2
	(b)	How Hacker is different from Cracker? Explain. Explanation Hacker 1 mark Cracker- 1 MArk	2
	(c)	Define firewall. It is a Hardware/ software which prevent from unauthorized access 1 mark	1
	(d)	What is the use of Repeater in a network? Explain with an example. Amplifying signal(90 mts), 1 mark Proper Example – 1Mark	2
	(e)	Define Network and write any two useful of networking. Multiple number of computers interconnected 1 mark, any two useful 1 mark	2
	(f)	Define Snooping. Proper Explanation – 1 mark	1
	(g)	What is the difference between IP Address and MAC Address? Explain. Internet protocol when your machine connected to the internet a four byte address is created that is ip address, Media Access Code is the physical address of any machine. (1 +1)	2
	(h)	Correct Full form the following:	1

		(1) GSM -1/2	(2)CDMA-1/2																																																																																											
	(i)	How LAN is Different from WAN? Explain with an example. Local Area Network with proper explanation 1 mark Wide Area Net Work with proper explanation 1 mark		2																																																																																										
3.	(a)	Write the full form of the following: (1) PB -PetaByte 1mark (2)ALU- Arithmetic and Logic Unit		2																																																																																										
	(b)	What do you understand by the term “Operating System”? Give any two example. Interface between user and the machine ex: windows, unix, linux		2																																																																																										
	(c)	Draw a Block Diagram of a computer. Proper Diagram with all the components 1+1 mark		2																																																																																										
	(d)	Define Memory. How the memory will be calculated in the computer. Used to store the data, Byte or Bite 1 +1 mark		2																																																																																										
	(e)	Define Computer and write any two characteristics of a computer. Electronic device used to calculate the data , store the data , 1 mark Speed, huge storage, accuracy, diligence – 1mark		2																																																																																										
4.	(a)	Define Relative and Absolute reference with an example. Proper Explanation 2 marks		2																																																																																										
	(b)	Write the shortcut keys for the following 1) Selects cells from the current cell to the last cell of the current row.- Shift+end 1 mark 2) Moves the cursor to the first cell in the sheet (A1). Home 1)		2																																																																																										
	(c)	Define cell with an example. Intersection of rows and Columns A1,B2		1																																																																																										
	(d)	<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>G</td><td>H</td></tr><tr><td>1</td><td>Rollno</td><td>Name</td><td>SUB1</td><td>SUB2</td><td>SUB3</td><td>Total</td><td>Average</td><td>Remark</td></tr><tr><td>2</td><td>345</td><td>Scott</td><td>90</td><td>90</td><td>90</td><td></td><td></td><td></td></tr><tr><td>3</td><td>234</td><td>Mohamed</td><td>34</td><td>29</td><td>20</td><td></td><td></td><td></td></tr><tr><td>4</td><td>214</td><td>Aaron</td><td>75</td><td>54</td><td>86</td><td></td><td></td><td></td></tr><tr><td>5</td><td>123</td><td>Martin</td><td>67</td><td>89</td><td>90</td><td></td><td></td><td></td></tr><tr><td>6</td><td>514</td><td>Aishwarya</td><td>92</td><td>91</td><td>93</td><td></td><td></td><td></td></tr><tr><td>7</td><td>432</td><td>Aamir</td><td>90</td><td>98</td><td>97</td><td></td><td></td><td></td></tr><tr><td>8</td><td>412</td><td>Ganesh</td><td>89</td><td>90</td><td>56</td><td></td><td></td><td></td></tr><tr><td>9</td><td>121</td><td>Arun</td><td>56</td><td>89</td><td>45</td><td></td><td></td><td></td></tr></table>			A	B	C	D	E	F	G	H	1	Rollno	Name	SUB1	SUB2	SUB3	Total	Average	Remark	2	345	Scott	90	90	90				3	234	Mohamed	34	29	20				4	214	Aaron	75	54	86				5	123	Martin	67	89	90				6	514	Aishwarya	92	91	93				7	432	Aamir	90	98	97				8	412	Ganesh	89	90	56				9	121	Arun	56	89	45				10
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		<ol style="list-style-type: none"> 1. Write a Formula to calculate the total and average =sum(c2:e2) =f2/3 2. Write the steps to sort the roll numbers in ascending order. Select all – data-sort 3. Write a Formula to display the remark as follows = if(g2>=40;"pass";"Fail") If average >= 40 "Pass" otherwise "Fail" 4. Write a formula to count how many students are getting above 80 marks in their average. =countif(g2:g9;">80") 5. Write the steps to change all average marks in to two decimal points. -data-format cell 	
5.	(a)	<p>Write the shortcut key for the following options in Open Office Impress.</p> <ol style="list-style-type: none"> 1) Fit text to frame -ctrl+shift+f8 2) Enter a group ctrl+click 3) Go to the previous slide. Left Arrow 4) Show black screen until next key or mouse wheel event. B 	4
	(b)	<p>Explain the following shortcut keys used in Open Office Impress.</p> <ol style="list-style-type: none"> 1) Spacebar -Play next effect 2) 3 + Enter-Move to the slide 3) Shift + Ctrl + K - Combine selected Objects 4) Ctrl + F7 Thesaurus 	4
	(c)	<p>What is the use of slide show option in impress? Explain. Which is used to present the user created power point show. 1 mark Explanation 1mark</p>	2

*****End of the Question Paper*****