| Roll Number |  |  |
| :--- | :--- | :--- |

## INDIAN SCHOOL MUSCAT <br> FIRST ASSESMENT

## COMPUTER SCIENCE

CLASS: XII
09.05.2018

Time Allotted: 3 Hr
Max. Marks: 70

| 1 a . | while, cost*qty, long, Address One $1 \mathbf{m}$ for the correct answer | 1 |
| :---: | :---: | :---: |
| b. | Explaining the correct concept <br> 1m each for the correct explanation | 2 |
| c. | 1 m for correct difference and 1 m for eg. | 2 |
| d. | <iostream.h>, <stlib.h>, <math.h> and <ctype.h> $1 / 2$ mark each for headerfiles | 2 |
| e. | Correct function header, variable declaration and correct logic, 1 m each for the correct answer | 2 |
| f. | 1 Mark for correct syntax for function header) (1 Mark for correct declaration of variables) (1 Mark for correct logic) <br> 3 marks for the correct answer | 3 |
| 2 a . | $\left.\begin{array}{llllll} 2 & 5 & 12 & 9 & 4 & 35 \end{array}\right] \text { mor the first } \mathbf{3} \text { values and } \mathbf{1 m} \text { for the last values }$ | 2 |
| b. | OT@YAT@ @ISU <br> For every three correct characters 1 m each. | 3 |
| c. | $\begin{aligned} & \hline 151: 156 \\ & 152: 162 \\ & \text { 153:168 } \\ & \text { 1m each for each line of correct answer } \end{aligned}$ | 3 |
| d. | Definition 1m and example 1 m | 2 |
| e. | Correct definition 1 m each | 1x3 |
| 3 a . | Any two valid difference 1 m each | 2 |
| b. | 16 | 3 |


|  | 18 <br> 6 <br> 1 m each line of correct answer |  |
| :---: | :---: | :---: |
| c. | Any 2 valid difference | 2 |
| c. | Any valid two points. 1 m each | 2 |
| d. | 6 errors with $1 / 2$ mark for each correct answer | 3 |
| e. | Date :1 <br> 1024\#150 <br> Date :29 <br> 2015\#400 <br> Date :20 <br> 1001\#100 <br> $1 / 2 \mathrm{~m}$ each line of correct answer. | 3 |
| 4 a . | (1 Mark for correct syntax for class header) (1 Mark for correct declaration of data members) <br> (2 Mark for correct definition of member functions) | 4 |
| b. | (1 Mark for correct syntax for class header) <br> (1 Mark for correct declaration of data members) <br> (2 Mark for correct definition of member functions) | 4 |
| c. | 1 m correct definition and 1 m example | 2 |
| d. | Any 2 valid points 1 m each | 2 |
| e. | 1 m each for correct line of output | 3 |
| f. | Write any two uses of Inheritance. Give an example for Multilevel inheritance. | 2 |
| 5 a . | 1 m each line of correct answer. | 4 |
| b. | 1 m each for correct answer | 4 |
| c. | 1 m for correct definition | 3 |
| d. | Any 2 valid points 1 m each | 2 |
|  | END OF THE PAPER |  |

