

Department of Physical Science  
**In-Course Assessment Examination –I**  
IT1214-Object-Oriented Design and Programming (Practical)  
**Answer all questions**

**Time: One hour and 15 minutes**

**September 2022**

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1. Create a class **Employee** with following properties.

- **private** attributes *employee id* (**String**), *name* (**String**), *sex* (**char**- M or F), *salary* (**double**) and *age* (**int**).
- a constructor to initialize the attributes.
- set methods (or setter) for *salary* and *age*.
- get methods (or getter) for all attributes.
- a (**public**) method to display the details of employee.

2. Create a class **EmployeeApp** with main method to do the followings.

- Create instances for following students:

<b>EmployeeID</b>	<b>Name</b>	<b>Sex</b>	<b>Salary</b>	<b>Age</b>
E001	D.M.Kumara	M	80000	25
E002	N.M.Bandara	M	100000	27
E003	J.L.Ameer	M	120000	28
E004	K.Barathy	F	90000	26
E005	H.L.Kumari	F	85000	24

- List or display the details of all employees.
- Change the salary of D.M.Kumara as 150000.
- List or display the details of employee who gets maximum salary.
- Change the age of J.L.Ameer as 22.
- List or display the details of youngest employee.
- List or display the details of female employees.

[100%]