

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/  
MANAGEMENT/COMMERCIAL PRACTICE, APRIL – 2025**

**OBJECT ORIENTED WEB DEVELOPMENT**

[Maximum Marks: 75]

[Time: 3 Hours]

**PART-A**

**I. Answer ‘all’ the following questions in one word or one sentence. Each question carries ‘one’ mark.**

**(9 x 1 = 9 Marks)**

		Module Outcome	Cognitive level
1.	Define class.	M01.01	R
2.	Define Polymorphism.	M01.02	R
3.	What is overriding in PHP?	M02.04	R
4.	List the mechanisms for implementing multiple inheritance.	M02.05	R
5.	Name any two MVC frameworks in PHP.	M03.06	R
6.	Tell the use of late static binding.	M03.03	R
7.	List the functions used to handle errors in PHP.	M04.03	R
8.	Tell the use of mark as flash().	M04.09	R
9.	List two features provided by CodeIgniter for sending email.	M04.05	R

**PART-B**

**II. Answer any ‘eight’ questions from the following. Each question carries ‘three’ marks.**

**(8 x 3 = 24 Marks)**

		Module Outcome	Cognitive level
1.	List the difference between Object Oriented Programming and Procedural Oriented Programming.	M01.01	R
2.	Define structure of a class. Show it with the help of an example.	M01.04	R
3.	Explain implementation of traits in PHP.	M02.06	U
4.	Illustrate the use of final to prevent inheritance in PHP.	M02.04	U
5.	Explain visibility control.	M02.03	U
6.	Label the features of CodeIgniter.	M03.08	R
7.	How do we create a user defined exception?	M03.05	R
8.	Write the syntax to insert a database record in PHP	M04.01	U
9.	Select the different methods for CodeIgniter session management.	M04.07	R
10.	Identify all the parameters used for the method set_cookie().	M04.08	A

**PART-C**

**Answer 'all' questions from the following. Each question carries 'seven' marks.**

**(6 x 7 = 42 Marks)**

		Module Outcome	Cognitive level
III.	Develop a program to illustrate the creation of objects. <b>OR</b>	M01.05	A
IV.	Explain access modifiers in PHP with the help of an example.	M01.06	U
V.	Show the use of constructor with the help of a sample program. <b>OR</b>	M01.07	R
VI.	Explain class constants in PHP with the help of an example.	M01.08	U
VII.	Interpret overriding in PHP with the help of a program. <b>OR</b>	M02.04	R
VIII.	Explain multiple inheritances.	M02.05	U
IX.	Explain the MVC architecture. <b>OR</b>	M03.06	U
X.	Explain installation of CodeIgniter.	M03.11	U
XI.	Illustrate implementation of static methods in PHP with the help of an example. <b>OR</b>	M03.01	U
XII.	Summarize Exception Handling concepts in PHP.	M03.04	U
XIII.	Identify and explain the function of the email class in CodeIgniter. <b>OR</b>	M04.02	A
XIV.	Develop the code for form validation in PHP using CodeIgniter.	M04.06	A

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