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Daffodil International University

Department of Genetic Engineering and Biotechnology
Faculty of Health and Life Sciences
B. Sc. (Hons.) in Genetic Engineering and Biotechnology
Midterm Examination Summer 2026

Course Code: 0611-1209 **Course Title:** Computer Fundamentals and Computational Biology

Level and Term: L-1, T-2 Section: 261 A **Course Teacher Initials:** MAR
Time: 1 Hour 30 Minutes **Total Marks:** 25

1	(a)	Define input and output devices.	[CLO1, PLO1, C1]	2
	(b)	Explain computer components with examples.	[CLO1, PLO4, C4]	3
2	(a)	Name two types of computer languages with examples.	[CLO1, PLO2, C1]	2
	(b)	Analyze why software is important to run a computer and how software are co-dependent.	[CLO1, PLO4, C4]	3
3	(a)	Distinguish the ethical dimension and security dimension of software development.	[CLO1, PLO2, C4]	3
	(b)	Explain how application software assists a user.	[CLO1, PLO9, C1]	2
4	(a)	Explain storage devices and internal components with examples.	[CLO1, PLO2, C2	3
	(b)	Compare application software and system software.	[CLO, PLO4, C5]	2
5	(a)	Name two Microsoft software used in education and business with examples	[CLO3, PLO10, C1]	2
	(b)	Explain how you will compose a text in Microsoft Word while using some shortcuts.	[CLO3, PLO10, C6]	3

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