PAPER A

Outcome Based Education System (OBE)
Department of Computer Science & Information Technology
NED University of Engineering & Technology

O B E

Theory

Name (BLOCK Letters)	FATIMA KHAN				Roll Number	CT - 23024

Year		S	Semester	Fall 2024	Section	A	Batch	2023 - 24	Student Sign	Fatima Khan

Course Code		-		Course Name	Academic R&W	Instructor	Miss Asmara

Test No. Mid Term (M)	M	Date dd mm yyyy	10 - 10 - 2024	Week	0 8	Room	01	Invigilator Sign	

DO NOT WRITE IN THIS TABLE (EXAMINER USE ONLY)

CLO													
Question	1	2	3	4	5	6	7	8	9	10	Total	Examiner sign with date
Maximum Marks	10	6	4								20	
Achieved Marks	9	5	4								18	

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Data Entry Operator Name	
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Write Your answer below this line

Academic Reading And Writing

Fatima Khan CT-23024 BCIT (A)

Question 1 (Matching Information):-

① Agile development allows for frequent client feedback

Section B ✓

② DevOps combines development and operations for faster software release

Section C ✓

③ Traditional development models follow a strict sequence of steps

Section B

Question 2 (True / False / Not Given)

④ The waterfall model is highly adaptable to client needs

False ✓

⑤ Continuous Integration is a key part of DevOps practices

True ✓

Question 3 (Sentence Completion)

⑥ Traditional software models are often criticized for their rigidity ✓

⑦ Agile software development follows a process of short cycles ✓

Question 4 (Multiple Choice Questions)

⑧ One key difference between Agile and waterfall models is Option C - Agile is more flexible and allows changes during development. ✓

QUESTION 5 (SHORT ANSWER)

9 What is one key practice of DevOps that helps speed up software release?

Continuous Integration

10 What can cause problems in Agile Projects?

Inconsistent customer feedback

QUESTION 2 (DESCRIBING CHARTS)

The graph above depicts the proportion of four differen materials that were recycled from 1982 to 2010 in a particular country.

Glass containers and paper and cardboard were both frequently recycled materials in the year 1982, however, the recycling of glass containers was recorded to go through a steady decline of 20% from year 1986 to year 1990; on the contrary, the recycling of paper and cardboard data depicted a sudden increase from 65 to 70% in year 1986, after which, it faced a fall back to 65% in the year 1990.

During the 1980's to 1990's period, other materials, like Aluminium cans and plastics, also started to be used frequently. The popularity of Aluminium grew steadily from 1990 to 2002, 5% to 25% after which it also rose to reaching to about 40% greater heights from 2002 to 2010. Plastic, on the other hand, remained less common as a recycling material and only showed moderate changes in the span of 20 years (1990 to 2010). Paper and cardboard also recorded a sudden 10% growth from 1990 to 1994, however, this growth was short-lived and an eventual 10% decline followed from 1994 to 2010. The data of glass containers, on the other hand, depicted a

This graph denotes that during the span of 28 years, glass containers and aluminium cans, ~~despite sudden fluctuations in year 1990 (glass containers) and year~~ are frequently used materials for recycling, whereas other materials like ~~a~~ paper, cardboard ~~and~~, ~~B~~ despite a sudden ride in 1994, remained less popular

This graph denotes that there is an ~~evitab~~ inevitable decline in the usage of ~~plastics~~ paper and cardboard, despite them being the most frequently used materials for recycling. Moreover, this graph also shows the sudden increase in the usage of Aluminium and Glass containers. Plastics showed moderate fluctuations and remained the least frequently used recycling materials for a great period of time.

5/6

QUESTION 3 (APA STYLE)

① Paraphrase the above sentence and include a correct in-text citation in APA

Davis, M.J, (2021) suggests that the automation in the development of software systems has brought about a positive change in the ~~software tech~~ tech industry because it increased the efficiency of computer systems and minimized human errors.

② Use the same sentence as a direct quote with proper in-text citation in APA format

Davis, MJ (2021) wrote:

"Automation in software development has revolutionized the industry by enhancing efficiency and reducing human error" (pp. 45-60)

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