



**Ahsanullah University of Science & Technology**

**Department of Computer Science & Engineering**

## **Sessional Final Examination**

**Course No : CSE3108**  
**Course Title : Microprocessors Sessional**

**Date of Submission : 27/09/2021**

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**Submitted By-**

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**Section : A**



Question:-

Answer:-

```
Dots DB 40H, 60H, 70H, 78H, 9CH
Dots2 DB 08H, 10H, 20H
```

Beginning:-

```
MOV SI, 0
MOV DX, 2000H
```

Loop Dots:

```
MOV AL, Dots[SI]
OUT DX, AL
INC SI
CMP SI, 5
LOOPNE LoopDots
```

```
MOV SI, 0
```

```
MOV DX, 2001H
```

Loop Dots2:

```
MOV AL, Dots2[SI]
```

```
INC DX
```

```
INC SI
```

```
CMP SI, 3
```

```
LOOPNE LoopDots2
```



MOV SI, 0  
MOV DX, 2004H

LOOPDOT3:

MOV AL, DOT3[SI]

INC SI

CMP SI, 5

LOOPNE LOOPDOT3

MOV SI, 0  
MOV DX, 2005H

LOOPDOTS:4:-

MOV AL, 04H

MOV DX, 2006H

MOV DX, 2007H

MOV SI, 4

MOV CX, 0

MOV DX, 2008H

LOOPDOTS5:

MOV AL, DOT5[SI]

DEC SI

INC CX

LOOPNE LOOPDOTS5.

MOV AL, 44H

MOV DX, 2007H

MOV DX, 2007H