

Student Name: _____	Roll No: _____
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1. What is the use of G00 activates the command?

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|-------------------------|--------------------------------------|
| A) Rapid traverse | B) Tool returns from reference point |
| C) Linear interpolation | D) Return to reference point |

2. What is the indication of 'z' axis in CNC lathe machine?

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|----------------------------------|-------------------------------------|
| A) The length of the component | B) The radius of the component |
| C) The diameter of the component | D) The centre axis of the component |

3. Which one of the following M-code is suitable for coolant pump ON?

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| A) M09 | B) M11 |
| C) M08 | D) M10 |

4. What is the activity of code M06 based on FANUC CNC control system?

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|-----------------------------------|--|
| A) End of the program with rewind | B) The cutting tool has to be changed |
| C) Switch of the coolant pump | D) Spindle rotation in counter clockwise direction |

5. Which command activates in automatic mode?

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|-------------------------------|-----------------------------------|
| A) Tool changes automatically | B) Program simulation |
| C) Program executed | D) Work offset settings are taken |

6. What is the full form of MDI?

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|---------------------------------|-------------------------|
| A) Mechanical Data Implantation | B) Moderated Data input |
| C) Mounting of Diagonal Impact | D) Manually Data Input |

7. Which of the following feed back devices can sense both speed and position?

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|---------------|-------------|
| A) Encoder | B) Resolver |
| C) Tachometer | D) Motor |

8. In Which mode we can input the program command manually?

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| A) Edit mode | B) Auto mode |
|--------------|--------------|

- | | |
|-------------|-------------|
| C) Jog mode | D) MDI mode |
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9. Why in CNC machine tool, the part program entered in edit mode is stored into the computer memory?

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|---|--------------------------------|
| A) Can be used again but it has to be modified every time | B) Can be used again and again |
| C) Cannot say | D) Can be used only once |

10. What is the purpose of MDI mode?

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| A) For program execution | B) Cross checking of the program graphically |
| C) Move the axes by manually | D) Editing of programmable Data |

11. Which mode execute that program continuously one block after another block?

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|--------------|--------------|
| A) Auto mode | B) Edit mode |
| C) MPG mode | D) Jog mode |

12. Which code is suitable for multiple turning cycle in FANUC CNC control system?

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|--------|--------|
| A) G96 | B) G71 |
| C) G92 | D) G94 |

13. Which mode is used to edit the program?

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|-------------|--------------|
| A) MDI mode | B) Edit mode |
| C) Jog mode | D) Auto mode |

14. Which one of the following is possible in edit mode?

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|------------------------------|---|
| A) Simulation of the program | B) Preparation of new programmable Data and correction / Alteration of an earlier program |
| C) Can read only the program | D) Execute the program |

15. Which one of the following code is suitable for spindle rotation in clock wise direction?

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|--------|--------|
| A) M03 | B) G03 |
| C) G02 | D) M04 |

16. How many ways CNC machine tool systems can be

classified?

A) 5

B) 2

C) 3

D) 4

17. What do you mean by MPG?

A) Manual Program Graphics B) Manually Pulse Generator

C) Manual Procedure to Calculate Geometrical Values D) Manually Procure the Digital Graphics

18. Which one of the following code is suitable for rapid traverse?

A) G04

B) G03

C) G02

D) G00