

MONTHLY TEST

Q. ID: ITISKILL8860YQ

February 2026

Govt ITI MULABAGAL

Question Paper

Duration: 30 Mins

Total Marks: 25

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Student Name: _____	Roll No: _____
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1. What do you mean by MPG?

- A) Manual Procedure to Calculate Geometrical Values
- B) Manually Pulse Generator
- C) Manual Program Graphics
- D) Manually Procure the Digital Graphics

2. Encodur is used in CNC machine tool to sense and control?

- A) Spindle speed
- B) Spindle position
- C) Table position
- D) Work position

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

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

4. Which M code is used to activate coolant pump in CNC machine?

- A) M06
- B) M01
- C) M09
- D) M08

5. Which axis is parallel to Z - axis?

- A) Tool axis
- B) X - axis
- C) Spindle axis
- D) Y-axis

6. Which one of the following CNC control systems are used on CNC machines?

- A) Excel and MS power point
- B) Siemens and FANUC
- C) Adobe reader and Microsoft
- D) MS office only

7. Which of the following is not advantage of CNC machine?

- A) Reduced scrap rate
- B) Improved strength of the components
- C) Higher flexibility
- D) Improved quality

8. Which mode is used to edit the program?

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

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

- A) Edit mode
- B) Auto mode

C) MDI mode

D) Jog mode

10. What is the full form of MDI?

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

11. Which one of the code is used to rewind the program?

- A) M30
- B) M40
- C) M38
- D) M39

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

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

13. Which one of the following M-code is suitable for chuck close?

- A) M10
- B) M13
- C) M09
- D) M11

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

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

15. The CNC keyboards have with following keys?

- A) CNC codes
- B) Alphabetic control keys
- C) Numerical Data based keys only
- D) Alphanumerical control keys electronic

16. Which mode is used to move the turret in micron level?

- A) MDI mode
- B) Jog mode
- C) Incremental jog mode
- D) Auto mode

17. Which one of the following code is used for tool nose compensation at left side?

- A) G41
- B) G32
- C) G40
- D) G42

18. What is the purpose of G28 code based on FANUC CNC control system?

- A) Tool has to return from reference point
- B) Circular interpolation clockwise
- C) Tool has return to reference point
- D) Circular interpolation counter clockwise

19. Which one of the following code used to switch off the coolant pump?

- A) M08
- B) M09
- C) M30
- D) M07

20. Which mode is used for moving the turret in X and Z direction?

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

21. Which command activates in automatic mode?

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

22. What is the use of CNC code of M05 to develop the command?

- A) Rewind the program once again
- B) The cutting tool has to be changed
- C) The spindle rotation has to stop
- D) Tool returns from reference point to work place

23. Which mode is used for five positioning (Micron level) of the axis movement?

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

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

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

25. Which is the advantage of CNC machine over conventional machines?

- A) High feed
- B) Feed back control
- C) High cutting speed
- D) Mass production