

MONTHLY TEST

Q. ID: ITISKILL8268HO

February 2026

Govt ITI MULABAGAL

Question Paper

Duration: 30 Mins

Total Marks: 25

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Student Name: _____ Roll No: _____

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

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

2. Which G-code is suitable for thread cutting?

- A) G01
- B) G34
- C) G32
- D) G30

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

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

4. Which mode the program will be executed continuously one block after another block?

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

5. Why in CNC machine tool, the part program entered in edit mode is stored into the computer memory?

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

6. What do you mean by MPG?

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

7. What do you mean by simulation?

- A) Cross checking of programmable DATA
- B) Editing of related part program
- C) Finding out of tool geometrical values
- D) Finding out of work offset values

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

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

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

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

10. Which code is suitable for tool nose radius compensation at right side?

- A) G40
- B) G50
- C) G42
- D) G41

11. The CNC keyboards have with following keys?

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

12. Which code suitable for circular interpolation counter clockwise direction?

- A) G02
- B) G01
- C) G04
- D) G03

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

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

14. Which mode is used to edit the program?

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

15. Which G-code is suitable for data input in mm?

- A) G27
- B) G20
- C) G28
- D) G21

16. How many ways CNC machine tool systems can be classified?

- A) 2
- B) 5
- C) 3
- D) 4

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

- A) Mass production
- B) High feed

C) Feed back control

D) High cutting speed

18. Which mode is used while loading / unloading the work piece in CNC machine?

A) Jog mode

B) Automatic mode

C) Edit mode

D) Simulation mode

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

A) Auto mode

B) MDI mode

C) Incremental Jog mode

D) Edit mode

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

A) Jog mode

B) Edit mode

C) Auto mode

D) MDI mode

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

A) MDI mode

B) Auto mode

C) Incremental jog mode

D) Jog mode

22. Which one of the following code is suitable for spindle

rotation in clock wise direction?

A) G02

B) G03

C) M03

D) M04

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

A) G96

B) G92

C) G71

D) G94

24. Which one of the following command the G02 code indicates?

A) Linear interpolation

B) Circular interpolation counter clockwise direction

C) Circular interpolation clockwise direction

D) Cross sectional interpolation

25. How the complex cutting motion involving X,Y and Z moments is carried out by CNC machining?

A) Combinations of co ordinates obtained from drives along the axis

B) Use of jigs, cams, templates and tracers

C) Skill of machine operator

D) Based on electrical power supply of the machine