

MONTHLY TEST

Q. ID: ITISKILL1099JA

March 2026

Govt ITI MULABAGAL

Answer Key

Duration: 30 Mins

Total Marks: 25

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1. Which is the operation in point to point system used?

- A) Grooving
- B) Facing
- C) Parting
- D) Drilling

Answer: D) Drilling

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

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

Answer: D) G03

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

- A) Circular interpolation counter clockwise direction
- B) Circular interpolation clockwise direction
- C) Cross sectional interpolation
- D) Linear interpolation

Answer: B) Circular interpolation clockwise direction

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

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

Answer: B) G21

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

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

Answer: B) M03

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

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

Answer: B) M08

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

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

Answer: D) M11

8. What is the use of G00 activates the command?

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

Answer: A) Rapid traverse

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

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

Answer: A) Mass production

10. Which mode is used to edit the program?

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

Answer: C) Edit mode

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

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

Answer: A) Incremental jog mode

12. The CNC keyboards have with following keys?

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

Answer: A) Alphanumerical control keys electronic

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

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

Answer: C) G32

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

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

Answer: C) Jog mode

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

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

Answer: B) Auto mode

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

- A) Auto mode
- B) MDI mode

C) Jog mode

D) Edit mode

Answer: B) MDI mode

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

A) Can be used again but it has to be modified every time

B) Cannot say

C) Can be used only once

D) Can be used again and again

Answer: D) Can be used again and again

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

A) M09

B) M08

C) M06

D) M01

Answer: B) M08

19. 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

Answer: B) Manually Pulse Generator

20. What do you mean by simulation?

A) Finding out of work offset values B) Editing of related part program

C) Cross checking of programmable DATA D) Finding out of tool geometrical values

Answer: C) Cross checking of programmable DATA

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

A) M09

B) M08

C) M30

D) M07

Answer: A) M09

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

A) G42

B) G40

C) G50

D) G41

Answer: A) G42

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

A) M38

B) M39

C) M40

D) M30

Answer: D) M30

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

A) G96

B) G71

C) G92

D) G94

Answer: B) G71

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

A) 5

B) 4

C) 3

D) 2

Answer: C) 3