

MONTHLY TEST

Q. ID: ITISKILL1099JA

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Govt ITI MULABAGAL

Question Paper

Duration: 30 Mins

Total Marks: 25

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Student Name: _____ Roll No: _____

1. What do you mean by simulation?

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

- A) Can be used only once
C) Cannot say

- B) Can be used again but it has to be modified every time
D) Can be used again and again

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

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

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

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

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

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

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

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

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

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

12. Which mode is used to edit the program?

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

5. What do you mean by MPG?

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

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

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

6. The CNC keyboards have with following keys?

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

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

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

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

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

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

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

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

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

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

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

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

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

- A) G40
B) G41

C) G42

D) G50

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

A) 5

B) 2

C) 4

D) 3

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

A) G34

B) G32

C) G30

D) G01

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

A) Auto mode

B) Incremental jog mode

C) MDI mode

D) Jog mode

21. What is the use of Goo activates the command?

A) Linear interpolation

B) Tool returns from reference point

C) Return to reference point

D) Rapid traverse

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

A) Jog mode

B) Auto mode

C) Edit mode

D) MDI mode

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

A) Cross sectional interpolation

B) Circular interpolation counter clockwise direction

C) Circular interpolation clockwise direction

D) Linear interpolation

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

A) G20

B) G28

C) G21

D) G27

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

A) M09

B) M13

C) M11

D) M10