

Duration: 60 Mins

Total Marks: 18

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

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

**Answer: B) Preparation of new programmable Data and correction / Alteration of an earlier program**

C) 3

D) 4

**Answer: C) 3**

2. Which mode is used to edit the program?

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

**Answer: A) Edit mode**

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

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

**Answer: D) MDI mode**

4. What do you mean by MPG?

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

**Answer: C) Manually Pulse Generator**

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

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

**Answer: D) The cutting tool has to be changed**

6. 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**

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

- A) 2
- B) 5

8. What is the purpose of MDI mode?

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

**Answer: D) Move the axes by manually**

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

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

**Answer: C) Rapid traverse**

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

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

**Answer: D) M08**

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

- A) G00
- B) G03
- C) G02
- D) G04

**Answer: A) G00**

12. Which command activates in automatic mode?

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

**Answer: B) Program executed**

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

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

**Answer: A) G71**

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

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

**Answer: A) Encoder**

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

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

**Answer: B) The length of the component**

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

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

**Answer: A) Auto mode**

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17. What is the full form of MDI?

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

**Answer: B) Manually Data Input**

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

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

**Answer: A) M03**

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