

Sector: Manufacturing

Occupation: MACHINING

Unit of Competence: Perform Basic CAD/CAM Applications

Code: IND MAC3 02 0217

Name _____ ID. No. _____

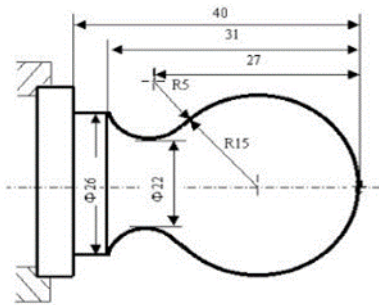
I. Choose the best answer from the given choice (2 points each)

1. CAD/CAM is the relationship between
 - a) science and engineering
 - b) manufacturing and marketing
 - c) design and manufacturing
 - d) design and marketing
2. The process in which the detailed specifications materials, dimensions, tolerances and surface rough is made is known as
 - a) decision process
 - b) analysis process
 - c) implementation process
 - d) refinement process
3. Which two disciplines are tied by a common database?
 - a) documentation and geometric modeling
 - b) CAD and CAM
 - c) drafting and documentation
 - d) none of the mentioned
4. The term that is used for geometric modelling like solid modelling, wire frame modelling and drafting is known as
 - a) software package
 - b) operating system
 - c) application software
 - d) none of the mentioned
5. The system environment in a mainframe computer consists of
 - a) central processing
 - b) storage devices
 - c) printers and plotters
 - d) both central processing and storage devices
6. The nerve center or brain of any computer system is known as
 - a) CPU
 - b) Storage device
 - c) ALU
 - d) Monitor
7. Locating devices are classified as
 - a) text input device
 - b) graphic device
 - c) all of the mentioned
 - d) none of the mentioned

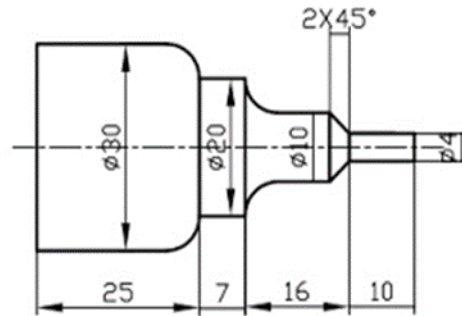
8. A potentiometric device that contains sets of variable registers which feed signals that indicate the device position to the computer is known as
- track ball
 - mouse
 - joystick
 - all of the mentioned
9. Which of the following devices do not produce a hard copy?
- impact printers
 - plotters
 - CRT terminals
 - non-impact printers
10. The software that is used to control the computer's work flow, organize its data and perform house keeping functions is known as
- operating software
 - graphics software
 - application software
 - programming software
11. The software that is used to provide the users with various functions to perform geometric modelling and construction is known as
- operating software
 - graphics software
 - application software
 - programming software
12. The software that performs the data entry, design, analysis, drafting and manufacturing functions is known as
- operating software
 - graphics software
 - application software
 - programming software
13. The software that enables the to implement custom application or modify the system for specialized needs is known as
- operating software
 - graphics software
 - application software
 - programming software
14. Following is not an operating system software
- Windows
 - UNIX
 - VAX/VMS
 - IDEAS
15. The basic geometric building blocks provided in a CAD/CAM package are
- points
 - lines
 - circles
 - all of the mentioned

II. Draw and make a G code in master cam or in any cam software?

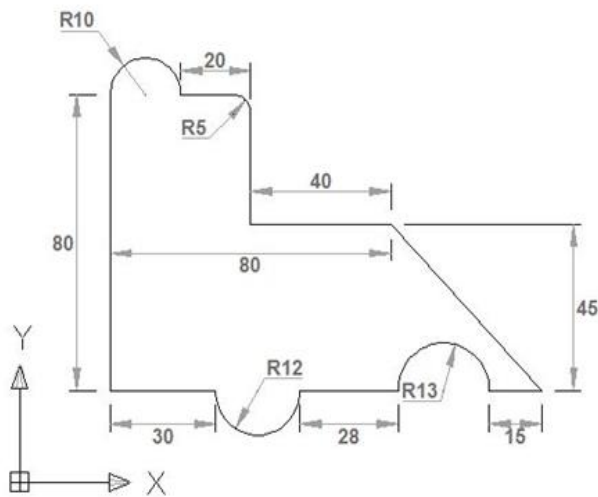
1.



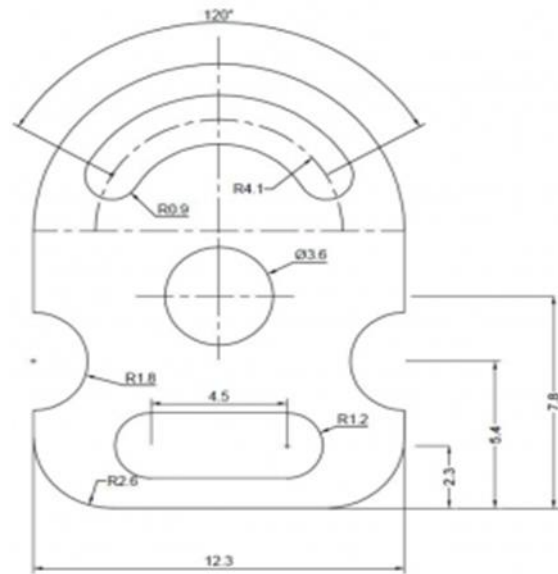
2.



2.



4.



Note: **Satisfactory** rating – 35 points above / **Unsatisfactory** 32 below points
You can ask you teacher for the copy of the correct answers