



Brief Synopsis

Draughtsman - Mechanical

Qualifications Pack- Draughtsman-Mechanical

QP Code: CSC/ Q 0204

NSQF Level: 3

Applicable NOS

1. CSC/N0402 Make or modify 2D mechanical engineering drawings using CAD system
2. CSC/N1335 Use basic health and safety practices at the workplace
3. CSC/N1336 Work effectively with others

SECTOR/S: CAPITAL GOODS

SUB-SECTOR:

1. Machine Tools
2. Process Plant Machinery
3. Dies, Moulds and Press Tools
4. Electrical and Power Machinery
5. Plastics Manufacturing Machinery
6. Light Engineering Goods
7. Textile Manufacturing Machinery

OCCUPATION: Design

REFERENCE ID: CSC/Q0402

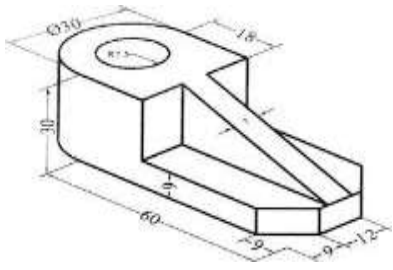
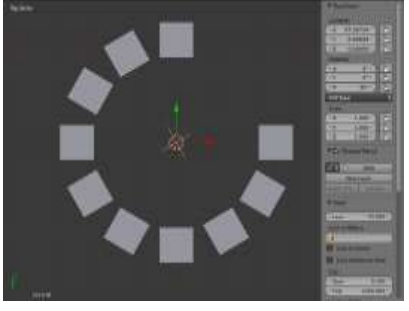
ALIGNED TO: NCO-2004/NIL

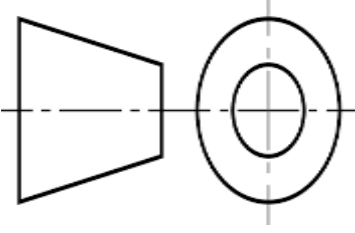

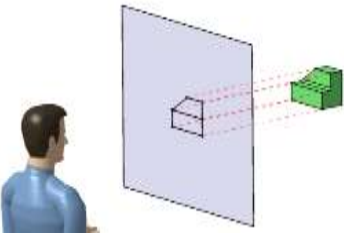
Brief Job Description: It involves select the appropriate equipment and drawing software to use based on the type and complexity of the drawing functions to be carried out and the use of a CAD system linked bills of material, file management and associated customization of installed software including the use of macros, menus and default settings.










Personal Attributes: Basic communication, numerical and computational abilities. Openness to learning, ability to plan and organize own work and identify and solve problems in the course of working. Understanding the need to take initiative and manage self and work to improve efficiency and effectiveness.






Note: Please refer QP for complete details <http://cgsc.in/pdf/MMAW%20SMAW%20Welder.pdf>


Test Paper Questions (Sample)

S. No	NOS	Question	Option A	Option B	Option C	Option D
1	CSC/ N 0402	Drawing requirement may contain:	Scale of the Drawing	Dimensions Units	Representative Fraction	All of them
2	CSC/ N 0402	In AutoCAD, GRID is:	a rectangular pattern of lines or dots that covers the entire XY plane of the user coordinate system	Used for decorating the UCS	Helps in Annotating and Dimensioning of the Drawing	Both B and C
3	CSC/ N 0402	The following Layout shows: 	Front and Top Views	Top and Side Views	Orthographic Projection	Isometric View
4	CSC/ N 0402	What does the scale size '1:1' of a drawing in AUTOCAD depict?	Drawing is in full size	Drawing is half the size	Drawing is double the size	Drawing does not follow any standard
5	CSC/ N 0402	Identify the Type of Array Displayed in the following Images: 	Path Array	Rectangular Array	Polar Array	None of the above
6	CSC/ N 0402	The shortest distance between two points is:	Line	Line Segment	Ray	None of the above

7	CSC/ N 0402	<p>Following is the symbol of:</p> 	First Angle projection	Third Angle projection	Fourth Angle Projection	None of the above
8	CSC/ N 0402	<p>Through the help of which command we draw this fig easily</p> 	REVOLVE	LOFT	EXTRUDE	BOTH A and B
9	CSC/ N 0402	L' in AutoCAD is command for	Line	Insert Text	Linear Dimensions	Rectangle
10	CSC/ N 0402	What is the function F8 in AUTOCAD	SNAP ON/OFF	GRID ON/OFF	ORTHO ON /OFF	NONE OF THEM
11	CSC/ N 0402	<p>The Projection shown in the Image is:</p> 	Third Angle projection	Fourth Angle Projection	First Angle projection	None of the above
12	CSC/ N 0402	What is the A4 paper size (potrait)	210X297	297X210	420X297	297X420

13	CSC/ N 1335	<p>Identify the PPE in the following Images:</p> 	Head Protection	Hi-Vis Vest	Safety Dust-Mask	None of the above
14	CSC/ N 1335	Which of the following places are the most appropriate ones to install a fire extinguisher set up?	In the kitchen area	Where combustible material is stored	In an open barren ground	Options 1 and 2 are both correct
15	CSC/ N 1335	Identify the "WEAR THE SAFETY MASK" sign of the following:				
16	CSC/ N 1335	The Final Job Declaration Report should be submitted at:	Before the beginning the Procedures	In the middle of the Process	After the Completion of the Job Procedures	None of them
17	CSC/ N 1335	When is rescue breathing is required?	When no pulse	Unconscious choking victim	Unconscious, not breathing, but has a pulse	Conscious choking victim
18	CSC/ N 1335	If there is LPG leakage at home or workshop, what should u do	Don't switch ON Light & Fans	Don't switch OFF Light & Fans	Open the Doors	All the above
19	CSC/ N 1335	The correct Safety Sign for Electrocutation is:				

20	CSC/ N 1335	While Using Ladder, we must:	Not Face Ladder while ascending and descending	Face the Ladder while ascending and descending	Face Ladder only while ascending, not while descending	Face Ladder not while ascending, only while descending
21	CSC/ N 1335	Identify the following Safety Signs: 	Fire Prone Area	Accident Prone Area	Acid Prone Area	None of these
22	CSC/ N 1335	Which of the following materials can be used as antiseptics for treating wounds in cases of providing first aid?	Iodine	Rubbing alcohol	Both options 1 and 2	None of them
23	CSC/ N 1335	Identify the following Safety Signs: 	Do not lift these objects	Objects to be lifted alone	Safety Hazards for Lifting Objects	Objects not to be touched without permission
24	CSC/ N 1335	Identify the correct symbol for Emergency Exit:				None of the above
25	CSC/ N 1336	Active Listening is an Important part of:	Intra-personal skills	Inter-personal Communicaton skills	Emailing and Written Communication	None of these

26	CSC/ N 1336	In the context of the workplace , what Is the meaning of discipline?	Is the means by which supervisory personnel correct behavioral deficiencies and ensure adherence to established company rules	Exercising control	Punishment	A system of rules designed to improve and correct behaviour through Punishment or training
27	CSC/ N 1336	<p>The following Communication Chart includes:</p> 	Inter-Personal Communication	Verbal Communication	Group Discussions	All of the above
28	CSC/ N 1336	Communication and Discipline Etiquette while working does not include?	A. Do not use abusive language	B. Do not eat or chew while talking (vice versa) etc.	C. Use appropriate titles and terms of respect	D. Roaming here & there in office with no purpose
29	CSC/ N 1336	Following Supervisor's Instructions is necessary at workplace because _____?	A. It helps do the work	B. It makes the work more precise & accurate	C. It helps to compete with other colleague	D. It helps to carry out training programs