



Brief Synopsis

Fitter- Mechanical Assembly

Qualifications Pack- Fitter- Mechanical Assembly

QP Code: CSC/ Q 0304

NSQF Level: 3

Applicable NOS

1. CSC/N0304 Perform fitting and assembly operations on metal components
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: Fitting and Assembly

REFERENCE ID: CSC/Q0304

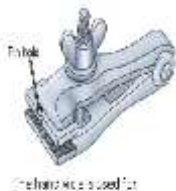
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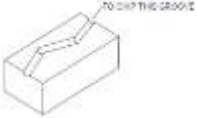

Brief Job Description: It involves marking out the material for the features to be produced, and then use hand tools, portable power tools, manually operated machine tools and shaping, fitting and assembly techniques appropriate to the operations being performed. The candidate will be expected to check the quality of the workpiece, using measuring equipment.

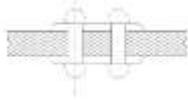


Personal Attributes: Basic communication, numerical and computational abilities. Openness to learning, ability to plan and organise own work and identify and solve problems in the course of working. Understanding the need to take initiative and manage self and one's work to improve efficiency and effectiveness.

Note: Please refer QP for exact details <http://cgsc.in/pdf/Fitter%20-%20Mechanical%20Assembly.pdf>

Test Paper Questions (Sample)

S. N O	NOS	Question	Option A	Option B	Option C	Option D
1	CSC/ Q 0304	<p>The hand vice is used for?</p> 	Fixing heavy jobs	Tightening nuts and bolts	Holding round jobs	Doing minute work
2	CSC/ Q 0304	<p>A screw thread is designated as 1" B.S.P. thread, in 1 inch B.S.P. thread what 1" indicates?</p>	Major diameter of thread	Minor diameter of thread	Pitch diameter of thread	Hole diameter of pipe
3	CSC/ Q0304	<p>What is the use of bench vice?</p> 	Rotate the job	Clamp the job	Clamping tool	None of them
4	CSC/ Q0304	<p>Try square indicates angle is _____</p> 	90 degree	180 degree	270 degree	0 degree

5	CSC/ Q 0304	Dressing and truing of a grinding wheel are?  Dressing and truing of a grinding wheel are	Exactly the same operation	Done with the same equipment	Done only for coarse grinding wheels	Only for form grinding wheels
6	CSC/ Q 0304	Which type of File you can use for doing circular cross sections?				None of them
7	CSC/ Q 0304	Which chisel s be used to cut groove as shown in figure? 	Flat chisel	Crosscut chisel	Diamond point chisel	Round nose chisel
8	CSC/ Q 0304	In given options, which is not comes under "JOB SPECIFICATION DOCUMENT" ?	Detailed component drawing	Approved sketches/illustrations	Operation sheets/Process sheets	Identification tags
9	CSC/ Q 0304	Name the type material which been conventionally represented by hatching. 	Steel	Cast iron	Copper	Lead

10	CSC/ Q 0304	Identify the type of riveted joint shown in the figure.	 Lap joint	Single strap butt joint	Double strap butt joint	Double riveted lap joint
11	CSC/ Q 0304	Which of the following is an indirect measuring tool?	Inside micrometer	Vernier caliper	Try square	Inside caliper
12	CSC/ Q 0304	Name the Die shown in figure?	 Button Die	Half Die	Adjustable screw plate die	Die nut
13	CSC/ Q 0304	Which type of hacksaw blade is suitable to cut steel plates up to 6mm?	14 Tooth per inch	18 Tooth per inch	24 Tooth per inch	32 Tooth per inch
14	CSC/ Q 0304	To obtain good surface, the ideal machining allowance for finish milling would be	0.1mm	0.2mm	0.5mm	0.8mm
15	CSC/ Q 0304	Identify the gauge	 Pitch gauge	GO NO GO gauge	Ring gauge	None of them



16	CSC/ N 1335	The safe way of working is _____	An effective and right way of working	An ancient way of working	A way of handling the work in a hurry	A way of normal working
17	CSC/ N 1335	If there is LPG leakage at home or workshop, what should you do?	Don't switch on Light & Fans	Don't switch OFF Light & Fans	Open the doors	All of them
18	CSC/ N 1335	Which is the cause of electric fire ?	Loose connection	Over loading the wires	Electric short circuit	All of them
19	CSC/ N 1335	Which is the Emergency Fire Safety Phone Number?	100	101	105	108
20	CSC/ N 1335	True or False: You can use a water extinguisher to put out an electrical fire.	False	True		
21	CSC/ N 1335	Which is "Unsafe act" while working in work place?	Unsafe dress	Hazardous arrangement	Using equipment unsafely	None of them
22	CSC/ N 1335	Which is not correct procedure while using stepladder?	Spread them to full extent & then locked it	Only one person has to work on ladder at a time.	Use the top tread or rear part of the steps for supporting foot	Appropriate & correct grade ladder should be used
23	CSC/ N 1336	Which of the following is necessary for effective teamwork in the workplace?	Asserting individual preferences, listening, cooperating, having clear guideline	Having clear guidelines, cooperating, dominating discussions	Having clear guidelines, listening, cooperating, having a shared decision-making	Listening, having a shared decision-making process, withholding information
24	CSC/ N 1336	A monthly report on occupational health and safety incidents on your	A justification report	A periodic report	A progress report	None



		workplace site would be which type of report?				
25	CSC/ N 1336	Why it is important to share opinions and information and what may happen if this is not done ?	To be aware of relevant information, procedures and advice	. To get another person's perspective on a subject	To enable debate on procedures and information	All the above
26	CSC/ N 1336	What is the main aim of team work?	To provide opportunities to all employees to be trained as managers	To ensure designated goals are met	To provide opportunities for flexible working hours	To ensure each employee receives the same bonus to their salary
27	CSC/ N 1336	All of the following increase team effectiveness except...	Understanding team timing	Ignoring ineffective team processes	Paying attention to team	Developing, using and reinforcing effective group norms
28	CSC/ N 1336	Which leadership style will have the most positive effect on subordinate satisfaction for employees who work on stressful, frustrating or dissatisfying tasks in an organization ?	Aggressive	Participative	Achievement-Oriented	Supportive
29	CSC/ N 1336	Which of these is not a type of effective listening?	Discriminative listening	Evaluative listening	Irritated listening	Appreciative listening
30	CSC/ N 1336	A hostile situation resulting from	Brainstorming	Compromise	Conflict	Consensus



		opposing views.				
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