

Mock Test
Draughtsman Mechanical
Version- 4.0
Level- 4

CSC/N1335. Follow the Health and Safety Practices at the Work

Q1. Why must a draughtsman maintain proper ergonomic posture while working long hours on drafting software? (3.5 Marks)

- A. Prevent physical strain
- B. Increase drawing speed
- C. Reduce computer memory
- D. Improve colour detailing

Q2. How does keeping the workstation clean help prevent accidents during mechanical drawing and design tasks? (3.5 Marks)

- A. Slow drafting activities
- B. Increase design errors
- C. Reduce creativity
- D. Avoid slipping hazards

Q3. Why is it important to check electrical cords and devices before starting CAD workstation activities? (3.5 Marks)

- A. Prevent electrical hazards
- B. Increase device weight
- C. Reduce output clarity
- D. Slow design loading

Q4. How does proper lighting reduce safety risks when preparing detailed mechanical drawings on paper or software? (3.5 Marks)

- A. Reduce design accuracy
- B. Avoid eye strain
- C. Increase memory usage
- D. Slow workstation setup

Q5. Why should a draughtsman follow safe handling practices when using sharp drawing instruments or tools? (5 Marks)

- A. Prevent accidental injuries
- B. Reduce sheet thickness

- C. Increase tool quantity
- D. Slow measurement process

Q6. How does taking regular breaks support safe work habits during extended computer-based drafting work? (5 Marks)

- A. Delay printing tasks
- B. Reduce file storage
- C. Increase task errors
- D. Avoid fatigue buildup

Q7. Why must a draughtsman report unsafe workstation conditions immediately during mechanical design operations? (6 Marks)

- A. Prevent potential accidents
- B. Increase software crashes
- C. Reduce detailing quality
- D. Slow teamwork flow

CSC/N1336. Coordinate with Coworkers to Achieve Work Efficiency

Q8. How does sharing updated design changes with coworkers improve overall drafting accuracy and work efficiency? (3 Marks)

- A. Increase confusion
- B. Prevent rework
- C. Slow drawing process
- D. Reduce teamwork

Q9. Why is discussing technical doubts with coworkers important during complex mechanical drawing tasks? (3 Marks)

- A. Reduce creativity
- B. Increase software errors
- C. Clarify design requirements
- D. Delay project timelines

Q10. How does coordinating file versions with teammates help maintain consistency in collaborative drafting work? (3 Marks)

- A. Slow document review
- B. Reduce detail quality
- C. Increase task overlap
- D. Avoid version conflicts

Q11. Why should a draughtsman communicate material specification changes quickly to coworkers in design projects? (3 Marks)

- A. Maintain design accuracy
- B. Increase misalignment

- C. Reduce workloads
- D. Decrease team morale

Q12. How does participating in project meetings support coordinated workflow among mechanical design coworkers? (4 Marks)

- A. Reduce drawing clarity
- B. Align team objectives
- C. Create confusion
- D. Delay CAD activities

Q13. Why is giving timely feedback to fellow draughtsmen useful during shared mechanical drawing tasks? (4 Marks)

- A. Increase design errors
- B. Slow task completion
- C. Improve drawing quality
- D. Reduce collaboration

Q14. How does collaborating on complex assemblies help coworkers maintain consistent dimensional accuracy? (4 Marks)

- A. Ensure uniform measurements
- B. Waste project resources
- C. Reduce software precision
- D. Increase drafting noise

Q15. Why is assigning clear responsibilities essential for smooth coordination in mechanical drafting projects? (6 Marks)

- A. Slow component detailing
- B. Reduce communication
- C. Increase modelling errors
- D. Avoid task duplication

CSC/N0402. Create and Modify 3D Mechanical Engineering Drawings Using the CAD System

Q16. How does verifying constraints in a 3D CAD model prevent errors during mechanical engineering drawing modifications? (3 Marks)

- A. Slow rendering
- B. Avoid design inconsistencies
- C. Reduce model layers
- D. Increase software load

Q17. Why is checking dimensions before modifying a 3D CAD drawing essential in mechanical engineering design? (3 Marks)

- A. Slow drawing updates
- B. Reduce file size

- C. Maintain accuracy
- D. Increase assembly errors

Q18. How does using version control improve collaboration when multiple draughtsmen modify 3D CAD models? (3 Marks)

- A. Track changes effectively
- B. Slow project delivery
- C. Reduce file compatibility
- D. Increase design conflicts

Q19. Why should a draughtsman review material properties in CAD before creating or modifying mechanical components? (3 Marks)

- A. Waste CAD resources
- B. Reduce drawing speed
- C. Ensure design suitability
- D. Increase noise in assembly

Q20. How does applying constraints and relations in 3D CAD help maintain assembly alignment in mechanical drawings? (4 Marks)

- A. Prevent misalignment
- B. Slow export process
- C. Increase rendering time
- D. Reduce component weight

Q21. Why is simulating motion or interference in a 3D CAD model important before finalizing mechanical drawings? (4 Marks)

- A. Slow drafting workflow
- B. Detect clashes early
- C. Increase tool wear
- D. Reduce part count

Q22. How does organizing CAD layers and components improve efficiency when modifying complex 3D mechanical drawings? (4 Marks)

- A. Reduce software features
- B. Increase design errors
- C. Slow file saving
- D. Easier editing

Q23. Why is saving incremental CAD versions necessary while creating or modifying 3D mechanical engineering drawings? (6 Marks)

- A. Protect against data loss
- B. Reduce model details
- C. Slow assembly simulation
- D. Increase rendering noise

DGT/VSQ/N0101. Employability Skills (30 Hours)

Q24. How does punctuality impact a draughtsman's reliability when delivering mechanical engineering drawings? (2 Marks)

- A. Reduces creativity
- B. Ensures timely project delivery
- C. Delays CAD updates
- D. Increases tool wear

Q25. Why is effective communication vital when discussing design changes with engineers and team members? (2 Marks)

- A. Avoid misunderstandings
- B. Waste material
- C. Slow drafting tasks
- D. Reduce sketch clarity

Q26. How does attention to detail help a draughtsman prevent errors in 3D mechanical engineering drawings? (2 Marks)

- A. Delay project approval
- B. Increase team conflicts
- C. Ensure accurate designs
- D. Reduce software performance

Q27. Why is adaptability important for draughtsmen using new CAD software or updated design standards? (2 Marks)

- A. Reduce work efficiency
- B. Adjust to new tools
- C. Increase errors
- D. Ignore project deadlines

Q28. How does teamwork contribute to completing complex mechanical assembly drawings efficiently? (4 Marks)

- A. Share knowledge and skills
- B. Reduce CAD features
- C. Increase task conflicts
- D. Slow model creation

Q29. Why is continuous learning essential for a draughtsman working in evolving mechanical design environments? (4 Marks)

- A. Delay team collaboration
- B. Increase printing errors
- C. Keep updated with technologies
- D. Ignore quality standards

Q30. How does demonstrating professional behavior influence trust and cooperation among mechanical design teams? (6 Marks)

- A. Increase tool wastage
- B. Slow workflow
- C. Reduce design accuracy
- D. Build team confidence