

Industry Specific Topic	Sub-Topic	Content	Examples of Learning Objective	Reference
<b>User Interface</b>				
	<b>Definitions</b>			
		UI Features: Autodesk Revit window, graphics window, the ribbon, project browser, and the context (right-click) menus.	Identify primary parts of the User Interface (UI). (Tabs, Application menu, Info Center, Ribbon, Elevation tag, Status bar, View control Bar	
	<b>UI Navigation/Interaction</b>			
		Ribbon > Panels > Tabs	Name the key features of the ribbon. Define how a split button works. Demonstrate the three ways the ribbon can be displayed (Full ribbon, Min to Panel tiles, Min to tabs) Demonstrate how to detach a panel and move it on the screen.	User Interface
		Project Browser	Describe the hierarchy in the project browser for an new project.	Project Browser
		Context (right-click menus)	Define what “Context” means when right clicking in the drawing window.	
		Application Menu	Name the tools found on the “Application Menu” ( Save, Plot, Export and Print) or What tools are found on the “Application Menu”	Application Menu
		Quick Access toolbar	Demonstrate how to add items to the Quick Access Toolbar	Quick Access Toolbar
		Options Bar	Describe why the “Option Bar” changes.	Options Bar
		Status Bar	Describe the function of the “Status Bar”.	Status Bar
		Esc> Escape key	Describe what hitting the escape key does.	
	<b>Drawing Window</b>			
		Elevation Marker	Describe what double clicking on a elevation view marker does.	Drawing Area
		Origin 3D Indicator	Demonstrate how to turn on/off the 3D Indicator	
		View Control Bar	Demonstrate how to change the view scale.	View Control Bar

Section	Question	Answer	Points
Section 1	1. Which of the following is not a valid Revit family type?	Family Type	1
	2. Which of the following is not a valid Revit family type?	Family Type	1
	3. Which of the following is not a valid Revit family type?	Family Type	1
	4. Which of the following is not a valid Revit family type?	Family Type	1
Section 2	5. Which of the following is not a valid Revit family type?	Family Type	1
	6. Which of the following is not a valid Revit family type?	Family Type	1
	7. Which of the following is not a valid Revit family type?	Family Type	1
	8. Which of the following is not a valid Revit family type?	Family Type	1

Section	Item	Description	Quantity
Foundation	Foundation Wall	Foundation Wall	1000
	Foundation Slab	Foundation Slab	1000
	Foundation Column	Foundation Column	1000
	Foundation Footing	Foundation Footing	1000
Structure	Structural Column	Structural Column	1000
	Structural Beam	Structural Beam	1000
	Structural Slab	Structural Slab	1000
	Structural Wall	Structural Wall	1000
Exterior	Exterior Wall	Exterior Wall	1000
	Exterior Slab	Exterior Slab	1000
	Exterior Column	Exterior Column	1000
	Exterior Footing	Exterior Footing	1000
Interior	Interior Wall	Interior Wall	1000
	Interior Slab	Interior Slab	1000
	Interior Column	Interior Column	1000
	Interior Footing	Interior Footing	1000

Section	Item	Description	Value
General	Name		
	Number		
Location	Address		
	City		
Contact	Phone		
	Fax		
Notes	Notes		
	Comments		
Approval	Approved		
	Signature		
Date	Start Date		
	End Date		

Category	Sub-Category	Item	Quantity	Unit
Structure	Foundation	Foundation		
		Foundation		
		Foundation		
		Foundation		
Structure	Foundation	Foundation		
		Foundation		
		Foundation		
		Foundation		

Section	Question	Answer	Explanation
Section 1	1. Which of the following is not a valid Revit family type?	1. A. Family Type	1. A. Family Type
	2. Which of the following is not a valid Revit family type?	2. A. Family Type	2. A. Family Type
Section 2	3. Which of the following is not a valid Revit family type?	3. A. Family Type	3. A. Family Type
	4. Which of the following is not a valid Revit family type?	4. A. Family Type	4. A. Family Type
Section 3	5. Which of the following is not a valid Revit family type?	5. A. Family Type	5. A. Family Type
	6. Which of the following is not a valid Revit family type?	6. A. Family Type	6. A. Family Type
Section 4	7. Which of the following is not a valid Revit family type?	7. A. Family Type	7. A. Family Type
	8. Which of the following is not a valid Revit family type?	8. A. Family Type	8. A. Family Type
Section 5	9. Which of the following is not a valid Revit family type?	9. A. Family Type	9. A. Family Type
	10. Which of the following is not a valid Revit family type?	10. A. Family Type	10. A. Family Type

Category	Subcategory	Property	Value
Structure	Column	Section Name	Column 12x12
		Section Material	Concrete
		Section Fill	Concrete
		Section Core	Concrete
Structure	Wall	Section Name	Wall 12x12
		Section Material	Concrete
		Section Fill	Concrete
		Section Core	Concrete
Structure	Slab	Section Name	Slab 12x12
		Section Material	Concrete
		Section Fill	Concrete
		Section Core	Concrete
Structure	Beam	Section Name	Beam 12x12
		Section Material	Concrete
		Section Fill	Concrete
		Section Core	Concrete

Section	Item	Points	Weight
Section 1: Project Setup	1.1.1.1	1	10%
	1.1.1.2	1	10%
	1.1.1.3	1	10%
	1.1.1.4	1	10%
Section 2: Model Development	2.1.1.1	1	10%
	2.1.1.2	1	10%
	2.1.1.3	1	10%
	2.1.1.4	1	10%
Section 3: Presentation	3.1.1.1	1	10%
	3.1.1.2	1	10%
	3.1.1.3	1	10%
	3.1.1.4	1	10%



Section	Item	Points	Passing Score
Section 1: Introduction to Revit Architecture	1.1	10	10
	1.2	10	10
	1.3	10	10
	1.4	10	10
Section 2: Project Setup	2.1	10	10
	2.2	10	10
	2.3	10	10
	2.4	10	10
Section 3: Modeling	3.1	10	10
	3.2	10	10
	3.3	10	10
	3.4	10	10
Section 4: Annotation	4.1	10	10
	4.2	10	10
	4.3	10	10
	4.4	10	10
Section 5: Views	5.1	10	10
	5.2	10	10
	5.3	10	10
	5.4	10	10
Section 6: Schedules	6.1	10	10
	6.2	10	10
	6.3	10	10
	6.4	10	10
Section 7: Rendering	7.1	10	10
	7.2	10	10
	7.3	10	10
	7.4	10	10
Section 8: Collaboration	8.1	10	10
	8.2	10	10
	8.3	10	10
	8.4	10	10
Section 9: Project Management	9.1	10	10
	9.2	10	10
	9.3	10	10
	9.4	10	10
Section 10: Troubleshooting	10.1	10	10
	10.2	10	10
	10.3	10	10
	10.4	10	10