

<b>Question Type</b>	<b>Examples</b>	<b>References</b>
<b>1. Rhetorical</b>	Questions that have no answer	Dillon 1984
<b>2 Descriptive</b>	Questions that describe phenomena	Metzloff 1998; Knight 2002; Onwuegbuzie and Leech 2006; Trochem 2006; Easterbrook et. al. 2008; White 2009
<b>2.1 Existence</b>	<ul style="list-style-type: none"> <li>• Does X exist?</li> <li>• Is X something that [group of people] do?</li> <li>• To what extent does X exist?</li> </ul>	Dillon 1984; Metzloff 1998; Easterbrook et. al. 2008; Feldt 2010
<b>2.2 Instance/Identification</b>	<ul style="list-style-type: none"> <li>• Whether this is X</li> <li>• Is this an instance of X?</li> <li>• Is this an example of X?</li> </ul>	Dillon 1984
<b>2.3 Definition</b>	<ul style="list-style-type: none"> <li>• What X is</li> <li>• What is X?</li> <li>• What is X like?</li> </ul>	Dillon 1984; Metzloff 1998; Feldt 2010; Alvesson and Sandberg 2013
<b>2.3.1 Nature</b>	<ul style="list-style-type: none"> <li>• What makes X be X?</li> </ul>	Dillon 1984
<b>2.3.2 Label</b>	<ul style="list-style-type: none"> <li>• Whether [or not] "X" names X</li> </ul>	Dillon 1984
<b>2.3.3 Meaning</b>	<ul style="list-style-type: none"> <li>• What X or "X" means</li> </ul>	Dillon 1984
<b>2.4 Character</b>	<ul style="list-style-type: none"> <li>• What characteristics X has</li> <li>• What are the characteristics of X?</li> <li>• What are the properties of X?</li> <li>• What are the attributes of X?</li> </ul>	Dillon 1984; Metzloff 1998; Feldt 2010; Bakker 2014
<b>2.4.1 Composition</b>	<ul style="list-style-type: none"> <li>• What are the components that make up X?</li> <li>• What factors comprise X?</li> </ul>	Metzloff 1998; Feldt 2010
<b>2.5 Function</b>	<ul style="list-style-type: none"> <li>• How X acts</li> </ul>	Trochem 2006
<b>2.5.1 Modes</b>	<ul style="list-style-type: none"> <li>• How does X work?</li> <li>• How often does X occur?</li> <li>• What is an average amount of X?</li> </ul>	Dillon 1984; Easterbrook et. al. 2008; Feldt 2010; Alvesson and Sandberg 2013
<b>2.5.2 Uses</b>	<ul style="list-style-type: none"> <li>• What can X do?</li> </ul>	Dillon 1984
<b>2.5.3 Means</b>	<ul style="list-style-type: none"> <li>• How X does what it does</li> <li>• How is X done?</li> <li>• What is the process by which X happens?</li> <li>• How does X occur?</li> <li>• In what sequence do the events of X occur?</li> </ul>	Dillon 1984; Easterbrook et. al. 2008; Feldt 2010; Garcia-Murillo 2012; Byrne 2016
<b>3 Comparative</b>	Questions that compare phenomena	Dillon 1984; Metzloff 1998; Onwuegbuzie and Leech 2006; Easterbrook et. al. 2008; White 2009;

<b>3.1 Concomitance</b>	<ul style="list-style-type: none"> <li>• Does X go with Y?</li> </ul>	Dillon 1984; Alvesson & Sandberg 2013; Maxwell 2013
<b>3.1.1 Conjunction</b>	<ul style="list-style-type: none"> <li>• Are X and Y associated?</li> </ul>	Dillon 1984
<b>3.1.2 Disjunction</b>	<ul style="list-style-type: none"> <li>• Are X and Y alternatives?</li> </ul>	Dillon 1984
<b>3.2 Equivalence</b>	<ul style="list-style-type: none"> <li>• Is X like Y?</li> <li>• In what ways is X like Y?</li> <li>• How is X like Y?</li> </ul>	Dillon 1984; Trochem 2006
<b>3.3 Difference</b>	<ul style="list-style-type: none"> <li>• How does X differ from Y?</li> <li>• Is X different from Y?</li> <li>• In what ways do X and Y vary?</li> </ul>	Dillon 1984; Metzloff 1998; Feldt 2010; Alvesson & Sandberg 2013
<b>3.3.1 Disproportion</b>	<ul style="list-style-type: none"> <li>• Is X more than Y?</li> <li>• Is X less than Y?</li> </ul>	Dillon 1984
<b>3.1.2 Subordination</b>	<ul style="list-style-type: none"> <li>• Is X a part of Y?</li> </ul>	Dillon 1984
<b>4 Contingent</b>	Questions that investigate relationships among phenomena	Dillon 1984; Onwuegbuzie and Leech 2006
<b>4.1 Relation</b>	<ul style="list-style-type: none"> <li>• Does X relate to Y?</li> <li>• Is there a relationship between X and Y?</li> <li>• Are X and Y related?</li> </ul>	Dillon 1984; Metzloff 1998; Trochem 2006; Easterbrook et. al. 2008; Feldt 2010
<b>4.2 Correlation</b>	<ul style="list-style-type: none"> <li>• Do X and Y covary?</li> <li>• What correlates with X?</li> <li>• Do occurrences of X correlate with Y?</li> <li>• What additional attributes need to be present to make X correlate with Y?</li> </ul>	Dillon 1984; Feldt 2010; Alvesson and Sandberg 2013
<b>4.3 Conditionality</b>	<ul style="list-style-type: none"> <li>• Is there a contingent relationship between X and Y?</li> <li>• Does X have to be present for Y to occur?</li> <li>• What factors need to be present to Y to occur?</li> </ul>	Dillon 1984; Knight 2002; Blaikie 2007; Alvesson and Sandberg 2013; Byrne 2016
<b>4.3.1 Consequence</b>	<ul style="list-style-type: none"> <li>• Does X cause Y?</li> <li>• Does X prevent changes in Y?</li> <li>• Does X produce a change in Y?</li> </ul>	Dillon 1984; Metzloff 1998; Knight 2002; Trochem 2006; Easterbrook et. al. 2008; Feldt 2010; Alvesson and Sandberg 2013
<b>4.3.2 Antecedence</b>	<ul style="list-style-type: none"> <li>• What causes X?</li> <li>• Why does X occur?</li> </ul>	Dillon 1984; White 2009; Feldt 2010; Alvesson and Sandberg 2013
<b>4.3.3 Comparative</b>	<ul style="list-style-type: none"> <li>• Does X cause more change in Y than Z?</li> <li>• Does X cause more Y than Z does?</li> <li>• Is X better at preventing Y than Z is?</li> </ul>	Metzloff 1998; Easterbrook et. al. 2008; Feldt 2010

<b>4.3.4 Interactive</b>	<ul style="list-style-type: none"> <li>Does X cause more Y under one condition than other conditions?</li> </ul>	Metzloff 1998; Feldt 2010
<b>4.3.5 Comparative Interaction</b>	<ul style="list-style-type: none"> <li>Does X cause more Y than Z does under certain conditions but not other conditions?</li> </ul>	Metzloff 1998; Easterbrook et. al. 2008; Feldt 2010
<b>4.4 Biconditionality</b>	<ul style="list-style-type: none"> <li>In what situations does X cause Y and Y cause X?</li> </ul>	Dillon 1984
<b>5 Evaluative</b>	<p>Questions that evaluate phenomena</p> <ul style="list-style-type: none"> <li>How good is X?</li> <li>How effective is X?</li> <li>What is an effective way to achieve X?</li> </ul>	Knight 2002; Easterbrook et. al. 2008; Feldt 2010
<b>6 Normative</b>	<p>Questions that generate phenomena</p>	Eris 2003; White 2009; Bakker 2014
<b>6.1 Existence</b>	<ul style="list-style-type: none"> <li>How can X be?</li> <li>How can we change X?</li> <li>How might X be changed/revised to achieve Y?</li> <li>How might X be accomplished?</li> </ul>	Blaikie 2007; Easterbrook et. al. 2008; Feldt 2010; Alvesson and Sandberg 2013
<b>6.2 Judgement</b>	<ul style="list-style-type: none"> <li>How should X be?</li> <li>What should be done to achieve X?</li> </ul>	Alvesson and Sandberg 2013
<b>7 Deliberative/Metaphysical</b>	<p>Questions that inquire into the nature of existence, mind, matter, space and time</p> <ul style="list-style-type: none"> <li>Whether to do X</li> <li>Whether to think X</li> </ul>	Dillon 1984; White 2009