# DEMS Tutorial Solutions 5th February 2008 SMIL

## Question 1

<seq>  
  <video src="intro\_vid.avi" alt="intro video for SMIL Guide."/>  
        <par>  
          <video src="feature.avi" alt="feature presentation"/>  
          <audio src="effects.mp3" alt="sound effects track"/>  
          <audio src="dialogue.mp3" alt="speech track"/>  
          <audio src="music.mp3" alt="music track"/>  
        </par>  
 </seq>

## Question 2

<seq>  
        <video src="intro\_vid.avi" alt="intro video for SMIL Guide."/>  
        <par>  
          <video src="feature.avi" alt="feature presentation"/>  
          <audio id = “effects” src="effects.mp3" alt="sound effects track"/>  
          <audio src="dialogue.mp3" alt="speech track"/>  
          <audio src="music.mp3" alt="music track" begin = “effects.end”/>  
        </par>  
  </seq>

## Question 3

21. The inner loop will play a total of 7 times (21 / 3), and the outer loop a total of 3 times, for a grand total of 3 \* 7 = 21 times

## Question 4

<seq>

<text id="hello" src="hello\_world.txt" alt="information about my first SMIL presentation" end="hello.click"/>

<text src="/legal/fbi.txt" alt="FBI copyright warning" dur="00:05"/>

</seq>

## Question 5

You could do this by changing the begin attribute to begin="hello.end+00:02" or begin="hello.click+00:02".

## Question 6

The right and bottom attributes are in conflict with the width and height. It is undefined whether the SMIL implementation will ignore either the right or width attribute (or even the left for that matter). This is especially problematic when the measurements are not the same, as in this example.

## Question 7

<head>

<topLayout width="3cm" height="5cm" backgroundColor="#000000"/>

</layout>

</head>

## Question 8

The user will only be able to activate one link (or none at all, as the behaviour is undefined) during the video. It is ok to have areas overlap temporally as long as they are separated spatially by means of the shape and coords attributes.

## Question 9

<video src="noisy.mpg" alt="a very loud and noisy video" dur="10:00">

<area href="quiet.smil" alt="a very quiet SMIL presentation" show="new" begin="00:00" end="05:00" sourceLevel="0%" />

<area href="peaceful.smil" alt="a peaceful lake scene with soothing natural sounds" show="new" begin="05:00" end="10:00" sourceLevel="0%" >

</video>

## Question 10

<animation src="walk.svg" alt="a man walking his dog" dur="5s" repeatCount="indefinite">

<animate attributeName="width" by="200%" dur="15s"/>

<animate attributeName="height" by="300%" dur="15s"/>

</animation>