1. **What is the difference between a ‘Public Statement’ and a ‘Dim Statement’?**
   A ‘public statement’ can only be used at form-level or module-level for declarations. Dim is used at form-level or procedure-level.

2. **Name the ‘Boolean Constant’ used in this program. How is it used?**
   The constant is called ‘GoingUp’ (*Public GoingUp as Boolean*). It is used in the procedure ‘AlterColor’ to make the colour changes more gradual.

3. **What is RGB?**
   RGB stands for Red, Green, Blue. It is a built-in function used to set colours. RGB controls the mixing of the red, green and blue levels when setting colours for objects.

4. **Nested loops are used in this program. Note their location and explain the function of the procedure they are used in.**
   Nested loops are used in the ‘MoveForminCircle’ procedure. A top-level loop keeps the form moving, while the distance from the top (TopDist) is still less than the distance from the bottom (BotDist). Within that loop, four sub loops control movement down, right, up and left.

5. **Write code to randomly produce any integer number between 1 and 10.**
   \[
   \text{RandomNum} = \text{Int}((\text{Rnd} \times 10) + 1)
   \]

6. **What do the following lines of code do?**
   - `frmRed = 1`
   - `frmBlue = 1`
   - `frmGreen = 1`
   They set the initial RGB values for the ‘AlterColor’ procedure. In effect, they set the overall colour to black.

7. **Explain the function of the ‘AlterColor’ procedure in plain English.**
   While the level of red is still less than 235, the procedure increases it by 20 points. When the red reaches a maximum of 255, the procedure increases the level of green instead. When the green reaches its maximum, the process is repeated with blue. The levels of red, green and blue are then decreased by a reverse process. A Boolean (Yes-No) variable is used to check whether the levels are increasing or decreasing. Without this, the gradual change of colour would be replaced by a sudden shift from ‘RGB = (255, 255, 255)’ [i.e. white] to ‘RGB = (0,0,0)’ [i.e. black].

8. **Explain the function of the sub ‘Replicate Buttons’.**
   This first makes all the buttons visible. It then randomly swaps the captions around with a delay of 0.75 seconds in between cycles.

9. **How do you make a program start with the ‘Sub Main’ rather than a form?**
   Alter the ‘Project - Project Properties – Startup’ object.