1. What is the evaluation order of \texttt{sqrt()} function within the expression given?
   a) \texttt{before} \\b) \texttt{before} \\c) \texttt{after} \\d) \texttt{after} \\e) \texttt{not evaluated} \\f) \texttt{after} 

2. The code piece given calculates the area under \texttt{foo()}, function between \texttt{x1} and \texttt{x2}. What should be the code left as ....?
   a) \texttt{0:10} \\b) \texttt{x1:x2:s} \\c) left as it is \\d) \texttt{x1:s:x2} \\e) \texttt{s} \\f) \texttt{m+s} 

3. What is missing code in the function \texttt{FindMed3} that returns the median of 3 given numbers? (line numbers are given)
   a) 2. \texttt{O=x1;} \\b) 10. \texttt{O=x1;} \\c) 4. \texttt{x2=O;} \\d) 6. \texttt{x}^{2}=x1; \\e) 12. \texttt{O=0;} \\f) \texttt{none} 

4. What is the intention of given statement?
   a) See if \texttt{x} is a stable number \\b) Round \texttt{x} to nearest integer \\c) obtain fractional part of \texttt{x} \\d) Calculate the type of rounding \\e) find out if \texttt{x} is a fractional number \\f) Perturb \texttt{x} around a whole number 

5. What is the intended operation in the expression given?
   a) \( A = B^{\frac{x+y}{xy}} \) \\b) \( A = B^{\frac{x+y}{x}} \) \\c) \( A = \frac{B^{\frac{x+y}{y}}}{x} \) \\d) \( A = B^{\frac{x+y}{x}} + \frac{C}{xy} \) \\e) \( A = B^{\frac{x+y}{x}} \) \\f) \( A = B^{\frac{x+y}{x}} + \frac{C}{x} \) 

6. Program flow stops at the breakpoint. What is the value of \texttt{x} when checked from the workspace?
   a) 2 \\b) 3 \\c) 4 \\d) 8 \\e) -3 \\f) -4 

7. A function that calculates the distance of a point to a line in \( \mathbb{R}^2 \) is going to be written. What would be its declaration with minimum number of arguments necessary?
   a) \texttt{function [x,y]=Dist(x1,y1,x2,y2)} \\b) \texttt{function Dist=Dist(x1,y1,x2,y2,x,y)} \\c) \texttt{function O=Dist(a,c,x,y)} \\d) \texttt{Dist=function(a,b,x1,y1)} \\e) \[a,b,x,y]=function \texttt{Dist}(x1,y1,x2,y2)\) \\f) \texttt{O=function(a,c,x1,y1)}
8. What is the value of $D$ after the statement?
   - a) 0
   - b) 1
   - c) 2
   - d) 4
   - e) 3
   - f) 5
   $$D = \text{ceil(fix(1.1+round(2.6))))}$$

9. The code piece given displays the given output on the command window. What should be the code in the place marked with ....?
   - a) $k=0:3$
   - b) $i=33:-1:10$
   - c) $i=3:-1:k-3$
   - d) $i=3:-1:0$
   - e) $k=k-1:0$
   - f) $i=k:-1:0$
   \begin{verbatim}
   for k=3:-1:0
   for .......
       fprintf('%d%d',k,i);
   end
   end
   33231302221201110
   \end{verbatim}

10. How would you correct the errors in the code piece given?
    - a) remove all end;s
    - b) remove end; in the last line
    - c) put ; between ...y and z... in the first line
    - d) enclose logical expressions within ( ).
    - e) remove all end;s and change elseif to else if.
    - f) remove first two end;s
    \begin{verbatim}
    if x>=y z=x; end;
    elseif y<z u=z; end;
    else w=u; end;
    \end{verbatim}