- C. It has no other integer as factor excepts itself or 1
- D. It is an even integer

Problem 158

Equations in which the members are equal for all permissible values of integer are called:

- A. a conditional equation
- B. an identity
- C. a parametric equation
- D. a quadratic equation

Problem 159

Equations which satisfy only for some values of unknown are called:

- A. a conditional equation
- B. an identity
- C. a parametric equation
- D. a quadratic equation

Problem 160 (ME April 1996)

The logarithm of 1 to any base is:

- A. indeterminate
- B. zero
- C. infinity
- D. one

Below are the answers key for the Multiple Choice Questions in System of Numbers and Conversion Part 3.

101. C. 5

102. C. 345.96°

103. B. 24 cis 150°

104. C. 3 cis 30°

105. A. 5

106. B. 18 + i

107. B. 1 + 2*i*

108. A. i

109. D. 0

110. D. –46 + 9i

111. D. 5L143.13°

112. C. –1 + i

113. B. –√70

114. C. –21i

115. B. –8 + 4i

116. B. 5ei36.87°

117. D. 5 + 12i

118. B. ±3i

119. A. 2.565 + 1.476i

120. B. (1, -2)

121. B. √21

122. B. 6.00

123. C. Transitive Property

124. B. Symmetric Property

125. A. An axiom

126. C. extremes

127. D. lesser

128. C. Sample

129. D. Dispersion

130. C. Argand Diagram

131. B. Fermat's series

132. B. Pyramidal number

133. A. Ogive