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| **Question 1:**  If , then the value of is |
| **Option A:** |
| **Option B:** |
| **Option C:**  0 |
| **Option D:**  1 |
| **Correct Option:**  **C** |
| **Solution**  If |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 2:** |
| **Option A:**  0 |
| **Option B:** |
| **Option C:** |
| **Option D:** |
| **Correct Option:**  **B** |
| **Solution** |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 3:**  is equal to |
| **Option A:** |
| **Option B:** |
| **Option C:** |
| **Option D:** |
| **Correct Option:**  **C** |
| **Solution** |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 4:**  is equal to |
| **Option A:** |
| **Option B:** |
| **Option C:** |
| **Option D:**  None of these |
| **Correct Option:**  **A** |
| **Solution**  is an even function, so |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 5:**  If , then which of the following is true? |
| **Option A:** |
| **Option B:** |
| **Option C:** |
| **Option D:**  None of these |
| **Correct Option:**  **A** |
| **Solution**  On adding 1 to both sides, we get |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |