

General Certificate of Education (Adv. Level) Examination.**Information & Communication Technology Model Questions**

1. Convert following decimal numbers to binary

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|-----------|-----------|-----------|
| (1) 26 | (2) 56 | (3) 87 |
| (4) 143 | (5) 432 | (6) 504 |
| (7) 780 | (8) 1083 | (9) 1299 |
| (10) 1522 | (11) 2314 | (12) 4273 |

2. Convert following decimal numbers to binary

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|----------|----------|----------|
| (1) 1101 | (2) 1001 | (3) 202 |
| (4) 4108 | (5) 6003 | (6) 0023 |

3. Convert following binary numbers to decimal

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|--------------|--------------|----------------|
| (1) 10 | (2) 1001 | (3) 1010 |
| (4) 11000 | (5) 10101011 | (6) 111101110 |
| (7) 11001101 | (8) 10100111 | (9) 1100011110 |

4. Convert following decimal numbers to octal

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|----------|----------|----------|
| (1) 6 | (2) 8 | (3) 132 |
| (4) 224 | (5) 532 | (6) 982 |
| (7) 1010 | (8) 1235 | (9) 3421 |

5. Convert following octal numbers to decimal

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|----------|----------|-----------|
| (1) 3 | (2) 10 | (3) 334 |
| (4) 472 | (5) 526 | (6) 733 |
| (7) 7241 | (8) 6013 | (9) 10001 |

6. Convert following decimal numbers to hexadecimal

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|----------|----------|----------|
| (1) 2 | (2) 10 | (3) 15 |
| (4) 16 | (5) 243 | (6) 623 |
| (7) 1010 | (8) 1341 | (9) 6522 |

7. Convert following hexadecimal numbers to decimal

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|----------|---------|---------|
| (1) 9 | (2) 11 | (3) 1A |
| (4) 3B3 | (5) 40C | (6) ABC |
| (7) 1001 | (8) F0C | (9) 16D |

