INDIAN SCHOOL AL WADI AL KABIR

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| **Class: XI Comp. Sci.** | **Department: Computer Science** | **Date of submission: 08/08/2022** |
| **Worksheet No:1** | **Topic: Number System Conversion** | **Note: Holiday Home Work** |

1. Convert the following Decimal Numbers into Binary Number, Octal Number and Hex-Decimal Number.
   1. 4310
   2. 3910
   3. 3210
   4. 4510
   5. 216**.**8510
   6. 469210
   7. 5910
   8. 34810
   9. 823**.**37510
   10. 71**.**5510
2. Convert the following Binary Numbers into Decimal Number, Octal Number and Hex-Decimal Number.

a. 1010100102

b. 111001**.**101012

c. 10101012

d. 11110010111012

e. 110000100010112

f. 110111**.**011111022

g. 111001011100112

i. 10001010001102

j. 1010011001**.**1001112

1. Convert the following Octal Numbers into Decimal Number, Binary Number and Hex-Decimal Number.

a. 7528

b. 563**.**248

c. 477.658

d. 6418

e. 208.45216

1. Convert the following Hex-Decimal Numbers into Decimal Number, Binary Number and Octal Number.

a. E45916

b. AB48**.**3D16

c. 671.2B616

d. 9C2516

e. 6EF5.4D16

**Note : Write the answers in your Computer Science Theory Note Book and submit to your Computer Science Teacher on or before 08/08/2022.**