1. (37.125)10 -Gi evBbvwi gvb KZ?

(K) 100101.01 (L) 100101.001

(M) 101001.01 (N) 101001.001

1. (A0)16 -Gi `kwgK mgZzj¨ gvb KZ?

(K) 80 (L) 100 (M) 160 (N) 256

1. 1, 8, F avivwUi cieZx© gvb KZ?

(K) A (L) B (M) 16 (N) 22

1. 1012 + 1002 = ?

(K) 910 (L) 10112  (M) A16 (N) 138

1. (10)8 n‡Z KZ we‡qvM Ki†j (7)8 nq?

(K) (2)8 (L) (1)8  (M) (-3)8 (N) (3)8

DÏxcKwU co Ges 6 I 7 bs cÖ‡kœi DËi `vIt

wk¶K QvÎ‡K †ivj bs wRÁvmv Kij| QvÎwU evBbvwi c×wZ‡Z †ivj bs 1101 ejj|

1. DÏxc‡K Dwj­wLZ msL¨vi mv‡\_ (1001)­2 -Gi †hvMdj KZ?

(K) (01100)2 (L) (10110)2  (M) (10010)2 (N) (11110)2

1. DÏxc‡Ki †ivj bs -Gi mgK¶ msL¨v n‡jv−

i. (13)10 ii. (11)16  iii. (15)8

wb‡Pi †KvbwU mwVK?

(K) i I ii (L) i I iii (M) ii I iii (N) i, ii I iii

1. 8 bit = KZ Character?

(K) 1 (L) 2 (M) 4 (N) 8

1. (37)8 -Gi c‡ii msL¨v †KvbwU?

(K) (36)8  (L) (38)8  (M) (40)8 (N) (50)8

1. (10)16 -Gi c~‡e©i msL¨v †KvbwU?

(K) (9)16 (L) (F)16  (M) (16)16  (N) (1)16

1. (10011010)2 -†K †Kvb& msL¨v c×wZ‡Z cÖKvk Ki‡Z me‡P‡q Kg msL¨K A¼ cÖ‡qvRb?

(K) evBbvwi (L) A±vj (M) †n·v`kwgK (N) `kwgK

1. 1 + 1 + 1 -Gi evBbvwi †hvMdj KZ?

(K) †hvMdj = 0, K¨vwi = 0 (L) †hvMdj = 0, K¨vwi = 1

(M) †hvMdj = 1, K¨vwi = 0 (N) †hvMdj = 1, K¨vwi = 1

1. (5)10 -Gi 2-Gi cwic~iK †KvbwU?

(K) 111110 (L) 11111011 (M) 11111110 (N) 1111111

1. 438 msL¨vwU n‡Z cv‡i−

i. †Wwmgvj ii. A±vj iii. †n·v‡Wwmgvj

wb‡Pi †KvbwU mwVK ?

(K) i I ii (L) i I iii (M) ii I iii (N) i, ii I iii

1. ABC -Gi c~‡e©i I c‡ii msL¨vi †hvMdj †KvbwU?

(K) 1577 (L) 1578

(M) 1678 (N) 1688

1. Kw¤úDUv‡i †hvM, we‡qvM, ¸Y I fvM Kiv nq †Kvb cÖwµqvq?

(K) mvaviY †hvM, we‡qvM, ¸Y I fvM cÖwµqvq

(L) ïaygvÎ †hvM cÖwµqvq

(M) ïaygvÎ we‡qvM cÖwµqvq

(N) ïaygvÎ ¸Y cÖwµqvq

wb‡Pi DÏxcKwU co Ges 17 I 18 bs cÖ‡kœi DËi `vIt

wg. AvwZK Kvgvj‡K ejj- Ò†Zvgvi eqm KZ?Ó| Kvgvj ejj †h, Zvi eqm (101101)2|

1. `k eQi ci Kvgv‡ji eqm evBbvwi‡Z KZ nIqv DwPr?

(K) (101011)2 (L) (101110)2 (M) (101111)2 (N) (110111)2

1. `k eQi c~‡e© Kvgv‡ji eqm †n·v‡Wwmgv‡j KZ wQj?

(K) (23)16 (L) (35)16  (M) (45)16  (N) (55)16

1. 101.000 †\_‡K 0.110 -Gi we‡qvMdj †KvbwU?

(K) 101.01 (L) 10.1 (M) 100.01 (N) 111

1. 0.25 `kwgK msL¨vi mgZzj¨ gvb−

i. (0.4)16 ii. (0.01)2 iii. (0.2)8

wb‡Pi †KvbwU mwVK?

(K) i I ii (L) i I iii (M) ii I iii (N) i, ii I iii

1. (1011101)2 -Gi BCD †KvW KZ?

(K) 10010011 (L) 00111001 (M) 10011100 (N) 10111011

1. (5)10 -Gi EBCDIC †KvW KZ?

(K) 11010101 (L) 1011111 (M) 10101 (N) 11110101

1. A5 -Gi ASCII †KvW KZ?

(K) 0100000100110101 (L) 0100001110100000

(M) 0110000100000101 (N) 0011000000000101

1. UNICODE KZ we‡Ui?

(K) 16 (L) 32 (M) 8 (N) 4

1. 2's Complement -Gi wbY©‡qi m~Î−

(K) 1's Complement + 1 (L) 1's Complement − 1

(M) 1's Complement − 2 (N) 1's Complement + 2

1. (F)16 n‡Z KZ we‡qvM Ki†j (10)16 nq?

(K) (5)16 (L) (1)16  (M) (-1)16 (N) (-5)16

1. (75.104)8 = (?)16

(K) (3D.22)16 (L) (3D.044)16

(M) (7A.44)16 (N) (F1.220)16

1. -ms†K†Zi mgZzj¨ evBbvwi msL¨v †KvbwU?

(K) 10100110 (L) 10111001 (M) 10101100 (N) 10111011

1. (59)10 -Gi BCD7421 †KvW KZ?

(K) 10101001 (L) 01011001 (M) 10101010 (N) 01011010

1. 1, 3, 5, 7, 11, 13 mgvb&Zi avivwU †Kvb& msL¨v c×wZi?

(K) Decimal (L) Binary

(M) Octal (N) Hexadecimal

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