Ávbg~jK cÖ‡kœvËi

1. FYvZ¡K msL¨vi cÖPjb ïiæ nq K‡e?

DËit 600 mv‡ji w`‡K FYvZ¥K msL¨vi cÖPjb ïiæ nq|

1. msL¨v c×wZ Kx?

DËit wewfbœ ms‡KwZK wPý ev †gŠwjK wPý ev A¼ (wWwRU) e¨envi K‡I msL¨v †jLv I cÖKvk Kivi c×wZ‡K msL¨v c×wZ ejv nq?

1. msL¨v c×wZi †em ev wfwË Kx?

DËit †Kvb msL¨v c×wZi wfwË ej‡Z H msL¨v c×wZ‡Z e¨eüZ †gvU A¼ ev cÖZxKmg~‡ni msL¨v‡K eySvq|

1. cwRkbvj msL¨v c×wZ Kx?

DËit †h msL¨v c×wZ‡Z msL¨vwUi gvb D³ msL¨v c×wZi †gŠwjK wPý ev As‡Ki Ae¯’v‡bi Dci wfwË K‡I wbY©q Kiv nq Zv‡K cwRkbvj msL¨v c×wZ ejv nq|

1. bb-cwRkbvj msL¨v c×wZ Kx?

DËit †h c×wZ‡Z msL¨vq Dc¯’vwcZ cÖZxKmg~‡ni Ae¯’vb msL¨vi gv‡b †Kvb cwieZ©b Av‡b bv Z\_v e¨eüZ A¼¸‡jvi †Kvb ¯’vbxq gvb \_v‡K bv Ges msL¨vi gvb Dc¯’vwcZ cÖZxK¸‡jv wb‡`©wkZ gv‡bi †hvMd‡ji mgvb nq Zv‡K bb-cwRkbvj msL¨v c×wZ e‡j|

1. `kwgK msL¨v c×wZ Kx?

DËit †h msL¨v c×wZ‡Z 10wU A¼ e¨envi Kiv nq Zv‡K `kwgK msL¨v c×wZ ejv nq|

1. evBbvix msL¨v c×wZ Kx?

DËit †h msL¨v c×wZ‡Z 2wU A¼ e¨envi Kiv nq Zv‡K evBbvix msL¨v c×wZ ejv nq|

1. A±vj msL¨v c×wZ Kx?

DËit †h msL¨v c×wZ‡Z 8wU A¼ e¨envi Kiv nq Zv‡K A±vj msL¨v c×wZ ejv nq|

1. ‡n·v‡Wwmgvj msL¨v c×wZ Kx?

DËit †h msL¨v c×wZ‡Z 16wU A¼ e¨envi Kiv nq Zv‡K ‡n·v‡Wwmgvj msL¨v c×wZ ejv nq|

1. weU Kx?

DËit evBbvwi msL¨v c×wZi 0 Ges 1 GB `ywU †gŠwjK A¼‡K weU e‡j| Binary Digit kãwUi mswÿß iƒc n‡”Q Bit |

1. evBU Kx?

DËit AvUwU we‡Ui MÖæc wb‡q MwVZ kã‡K evBU ejv nq| GK evBU mgvb GK K¨v‡i±vi

1. wbej Kx?

DËit Kw¤úDUvi †g‡gvwi‡Z AvU weU wg‡j †h GKwU evBU n‡q †hLv‡b GKwU K¨v‡i±vi msiwÿZ n‡Z cv‡I Zvi A‡a©K Z\_v 4 weU wb‡q GKwU wbej MwVZ n‡q \_v‡K|

1. msL¨v c×wZi iƒcvšÍi Kx?

DËit GK msL¨v c×wZ †\_‡K Ab¨ msL¨v c×wZ‡Z iƒcvšÍi Kiv‡K ejv nq msL¨v c×wZi iƒcvšÍi|

1. wPýhy³ msL¨v Kx?

DËit abvZ¥K ev FYvZ¥K wPý †evSv‡bvi Rb¨ me©ev‡g e¨eüZ GKwU weU‡K wPý ewU (Sign bit) Ges wPýhy³ msL¨v‡K wPwýZ msL¨v ev mvBÛ bv¤^vi (Signed number) ejv nq|

1. wb‡Mkb Kx?

DËit ‡Kvb abvZ¥K msL¨v‡K FYvZ¥K msL¨vq ev †Kvb FYvZ¥K msL¨v‡K abvZ¥K msL¨vq cwieZ©b Kiv‡K wb‡Mkb ev wecixZKiY ejv nq|

1. 1 Gi cwic~iK Kx?

DËit evBbvwi msL¨vq 0Gi ¯’v‡b 1 Ges 1 Gi ¯’v‡b 0 ewm‡q ev msL¨vi weU¸‡jv‡K Dëv‡bv‡K msL¨vwUi 1 Gi cwic~iK e‡j|

1. 2 Gi cwic~iK Kx?

DËit †Kv‡bv evBbvwi msL¨vi 1 Gi cwic~i‡Ki mv‡\_ 1 †hvM Ki‡j H msL¨vi 2 Gi cwic~iK cvIqv hvq|

1. Kw¤úDUvi †KvW Kx?

DËit Kw¤úDUvi wm‡÷‡g e¨eüZ cÖwZwU eY©, msL¨v ev we‡kl wPý‡K c„\_K c„\_Kfv‡e wmwcBD‡K †evSv‡bvi Rb¨ evBbvwi weU (0 ev 1) †K iƒcvšÍi K‡i wewfbœfv‡e mvwR‡q †h AwØZxq ms‡KZ ˆZwi Kiv nq Zv‡K †KvW e‡j|

1. BCD Kx?

DËit BCD kã-ms‡ÿcwUi c~Y© A\_© n‡jv Binary Coded Decimal| `kwgK msL¨v‡K evBbvwi msL¨vq cÖKv‡ki Rb¨ wewmwW †Kvb e¨eüZ nq|

1. AvjdvwbD‡gwiK †KvW Kx?

DËit eY©, A¼ Ges wewfbœ MvwYwZK wPý mn(+, -, ÷,×) AviI KZ¸‡jv we‡kl wP‡ýi (!, @, #, %, &,$ ) Rb¨ e¨eüZ †KvW‡K AvjdvwbD‡gwiK †KvW e‡j|

1. ASCII Kx

DËit AvmwK †Kv‡Wi c~Y© A\_© n‡”Q American Standard Code for Information Interchange| gvB‡µvKw¤úDUcv‡i G †Kv‡Wi e¨vcK cÖPjb Av‡Q|

1. c¨vwiwU weU Kx?

DËit evBbvwi †WUv ev †KvW‡K GK ¯’vb †\_‡K Ab¨ ¯’v‡b ev wWfvB‡m KwVKfv‡e †cÖi‡Yi Rb¨ Gi mv‡\_ †h AwZwi³ weU hy³ Kiv nq Zv‡K c¨vwUwU weU ejv nq|

1. EBCDIC Code Kx

DËit EBCDIC Code Gi c~Y© A\_© n‡”Q Extebnded Binary Coded Decimal Information Code| 8 we‡Ui GB †KvW‡K G·‡Ub‡W›U EBCDIC Code ejv nq Ges Gi Øviv 28| A\_©vr 256 wU A¼ Ges we‡kl wPý cÖKvk Kiv nq|

1. BDwb‡KvW Kx?

DËit we‡k^i mKj fvlv‡K Kw¤úDUv‡i †KvWfz³ Kivi Rb¨ eo eo †Kv¤úvwb¸‡jv GKwU gvb ˆZwi K‡i‡Q hv‡K BDwb‡KvW ejv nq| BDwb‡KvW 16weU|

1. wWwRUvj wm‡÷g Kx?

DËit †h c×wZ‡Z msL¨v ev wWwR‡Ui gva¨‡g me wKQz cÖKvk Kiv nq Zv‡K wWwRUvj ev msL¨vZ¥K c×wZ ev wWwRUvj wm‡÷g ejv nq|

1. wWwRUvj wWfvBm Kx?

DËit wWfvBm A\_© hš¿cvwZ| wWwRUvj mvwK©U w`‡q ˆZwi hš¿cvwZ‡K wWwRUvj wWfvBm ejv nq|

1. RR© eyj †K?

DËit RR© eyj n‡jv Bs‡iR MwYZwe`| wZwb hyw³i g‡a¨ mym¤úK© ¯’vcb K‡ib| RR© eyj ‘Mathematics of Logic bv‡g Zuvi M‡elYv MÖš’ cÖKvk K‡ib|

1. eywjqvb A¨vj‡Reiv Kx?

DËit RR© eyj cÖ`Ë hyw³i Dci wfwË K‡i MwY‡Zi †h kvLv D‡b¥vwPZ nq, Zv‡K eywjqvb A¨vj‡Reiv ejv nq|

1. eywjqvb ¯^Ztwm×mg~n Kx?

DËit †hvM Ges ¸‡Yi †ÿ‡Î eywjqvb A¨vj‡Reiv KZK¸‡jv wbqg †g‡b P‡j| G wbqg¸‡jv‡KB eywjqvb ¯^Ztwm× ejv nq|

1. eywjqvb aªæeK Kx?

DËit eywjqvb A¨vj‡Reivq e¨eüZ †Kv‡bv ivwki gvb hw` ïaygvÎ 0 ev 1 wb‡`©k K‡i Z‡e Zv‡K eywjqvb aªæeK ejv nq|

1. eywjqvb PjK Kx?

DËit eywjqvb A¨vj‡Reivq e¨eüZ †Kvb ivwki gvb hw` `ywU wfbœ Ae¯’vi wb‡`©k K‡i (A\_©vr 0 I 1) Z‡e Zv‡K eywjqvb PjK ejv nq|

1. ˆØZ bxwZ Kx?

DËit G¨vÛ Ges Ai Acv‡ik‡bi mv‡\_ m¤úK©hy³ m~Î‡K ˆØZ bxwZ ejv nq|

1. eywjqvb c~iK Kx?

DËit eywjq exRMwY‡Z Pj‡Ki `yÕwU m¤¢ve¨ gvb 0 Ges 1 †K GKwU‡K AciwUi c~iK() ejv nq| A\_©vr 1 Gi c~iK 0 Ges 0 Gi c~iK 1|

1. mZ¨K mviwY Kx?

DËit †h mviwYi gva¨‡g eywjq exRMwY‡Zi wewfbœ Bbcy‡Ui gvb¸‡jvi m¤¢ve¨ AvDUcyU gvb †`Lv‡bv hvq Zv‡K mZ¨K mviwY ejv nq|

1. wW-giM¨v‡bi m~Î `ywU †jL|

DËit `yB Pj‡Ki Rb¨ wW-giM¨v‡bi Dccv`¨ `ywU n‡jv-

cÖ\_g Dccv`¨ t 

wØZxq Dccv`¨t 

1. jwRU †MBU Kx?

DËit †h mKj B‡jKUªwb· mvwK©U hyw³wfwËK ms‡KZ cÖevn wbqš¿Y K‡i, †m mKj mvwK©U‡K jwRK †MBU ejv nq|

1. †gŠwjK †MBU Kx?

DËit †h †MBU¸‡jv GKKfv‡e GKwU MvwYwZK Acv‡ikb m¤úv`b Ki‡Z cv‡i Zv‡K †gŠwjK †MBU ejv nq|

1. ‡hŠwMK †MBU Kx?

DËit `yB ev Z‡ZvwaK †gŠwjK †MB‡Ui mgš^‡q †h †MBU ˆZwi nq, Zv‡K †hŠwMK †MBU ejv nq|

1. Ai †MBU Kx?

DËit eywjqvb A¨vj‡Reivi †hv‡Mi KvR m¤úv`‡bi Rb¨ †h jwRK †MBU e¨envi Kiv nq, Zv‡K Ai †MBU ejv nq|

1. G¨vÛ †MBU Kx?

DËit eywjqvb A¨vj‡Reivi ¸Y‡bi KvR m¤úv`‡bi Rb¨ †h jwRK †MBU e¨envi Kiv nq, Zv‡K A¨vÛ †MBU ejv nq|

1. bU †MBU Kx?

DËit eywjqvb A¨vj‡Reivi c~i‡Ki KvR m¤úv`‡bi Rb¨ †h jwRK †MBU e¨envi Kiv nq Zv‡K bU †MBU ejv nq|

1. evdvi †MBU Kx?

DËit †h †MB‡Ui g‡a¨ w`‡q hv BbcyU Kiv nq AvDUcyU wnmv‡e Zv B Av‡m Zv‡K evdvi †MBU ejv nq| GKwU bU †MB‡Ui mv‡\_ Av‡iKwU bU †MBU hy³ K‡i evdvi †MBU ˆZwi Kiv nq| G †MB‡U GKwU BbcyU I GKwU AvDUcyU \_v‡K| AvDUcyU Bbcy‡Ui mgvb nq| G †MB‡U BbcyU 1(mZ¨) n‡j AvDUcyU 1 (mZ¨), BbcyU 0(wg\_¨v) n‡j AvDUcyU 0(wg\_¨v) nq| mvaviYZ `ye©j wmMb¨vj‡K GgwcødvB A\_©vr mej Ki‡Z G †MBU e¨envi Kiv nq|

1. b¨vÛ †MBU Kx?

DËit G¨vÛ †MBU n‡Z wbM©Z AvDUcyU ms‡KZ‡K bU †MB‡Ui ga¨ w`‡q cÖevwnZ Ki‡j b¨vÛ †MB‡Ui KvR nq|

A\_©vr AND gate + NOT Gate = NAND Gate|

1. bi †MBU Kx?

DËit Ai †MBU n‡Z wbM©Z AvDUcyU ms‡KZ‡K bU †MB‡Ui ga¨ w`‡q cÖevwnZ Ki‡j bi †MB‡Ui KvR nq|

A\_©vr OR gate + NOT Gate = NOR Gate|

1. XOR †MBU Kx?

DËit Exclusive OR †MBU‡K ms‡ÿ‡c ejv nq X-OR | BbcyU A Ges B n‡j G †MB‡Ui AvDUcyU X †h eywjq wbqgwU †g‡b P‡j Zv n‡jv X=GLv‡b  wPý Øviv X-OR wµqv eySv‡bv n‡q‡Q|

1. XNOR †MBU Kx?

DËit X-OR I NOT †MB‡Ui mgš^‡q X-NOR ‡MBU MwVZ nq| X-OR †MB‡Ui AvDUcyU‡K NOT †MB‡Ui ga¨ w`‡q cÖevwnZ Ki‡j X-NOR †MBU cvIqv hvq|

1. mve©Rbxb †MBU Kx?

DËit †h mKj †MBU Øviv mKj cÖKvi †MBU ev¯Íevqb ev Zv‡`i g‡Zv KvR Kiv hvq, †m mKj †MBU‡K me©Rbxb †MBU ejv nq|

1. we‡kl †MBU Kx?

DËit † X-OR MBU I X-NOR †MBU n‡jv we‡kl ‡MBU|

1. wWwRUvj wWfvBm Kv‡K e‡j?

DËiteywjqvb A¨vj‡Reiv hv ‡\_‡K ˆe`y¨wZK mvwK©U ˆZwi Kiv m¤¢e Zv‡K wWwRUvj wWfvBm e‡j|

1. Gb‡KvWvi Kx?

DËit Gb‡KvWvi n‡”Q Ggb GK ai‡bi jwRK mvwK©U, hv Avgv‡`i fvlv‡K Kw¤úDUv‡ii †evaMg¨ hvwš¿K fvlvq iƒcvšÍi K‡i|

1. wW‡KvWvi Kx?

DËit wW‡KvWvi Ggb GKwU B‡jKUªwbK hš¿ ev wWfvBm hv Kw¤úDUv‡ii †evaMg¨ fvlv‡K gvby‡li †evaMg¨ fvlvq iƒcvšÍi K‡i|

1. A¨vWvi Kx?

DËit A¨vWvi n‡”Q Ggb GKwU mgevq mvwK©U (Combination Circuit) hv evBbvwi msL¨vi †hv‡Mi KvR K‡i|

1. nvd A¨vWvi Kx?

DËit †h A¨vWvi `y‡Uv weU †hvM K‡i †hvMdj () I nv‡Z \_vKv msL¨v ev K¨vwi () †ei Ki‡Z cv‡i Zv‡K nvd A¨vWvi ejv nq|

1. dzj A¨vWvi Kx?

DËit †h A¨vWvi K¨vwimn `ywU weU †hvM Ki‡Z cv‡i Zv‡K dzj A¨vWvi ejv nq|

1. evBbvwi A¨vWvi Kx?

DËit †h A¨vWvi `ywU evBbvwi weU †hvM Ki‡Z cv‡i Zv‡K evBbvwi A¨vWvi e‡j|

1. ‡iwR÷vi Kx?

DËit †iwR÷vi n‡jv GK cÖKvi †g‡gvwi wWfvBm, hv KZ¸‡jv weU‡K aviY ev msiÿY K‡i \_v‡K| GwU GK¸”Q wd¬d-d¬c Gi †MBU-Gi mgš^‡q MwVZ mvwK©U, †hLv‡b cÖ‡Z¨KwU wd¬c-d¬c GKwU K‡i evBbvwi weU aviY K‡i \_v‡K|

1. wkdU †iwR÷vi Kx?

DËit evBbvwi †WUv‡K 1 weU Wv‡b ev ev‡g ev Dfq w`‡K miv‡bvi Rb¨ †h †iwR÷vi e¨eüZ nq Zv‡K wkdU †iwR÷vi ejv nq|

1. KvD›Uvi Kx?

DËit †h jwRK mvwK©‡Ui gva¨‡g GKwU cÖhy³ cvjm& Gi msL¨v MYbv Kiv hvq Ges MYbvi djvdj evBbvwi‡Z cÖKvk Kiv hvq Zv‡K KvD›Uvi ejv nq|

1. evBbvwi KvD›Uvi Kv‡K e‡j?

DËit †h KvD›Uvi evBbvwi avivevwnKZv AbymiY K‡i Zv‡K evBbvwi KvD›Uvi e‡j|

1. gwWDjvm Kx?

DËit KvD›Uvi hZwU msL¨v ¸Y‡Z cv‡i Zv‡K gwWDjvm e‡j|

1. †gvW b¤^i Kx?

DËit GKwU KvD›Uvi cÖ\_g avc †\_‡K ïiæ K‡i Avevi cÖ\_g av‡c wd‡i Avm‡Z hZ¸‡jv aavc cÖ‡qvRb nq Zv‡K H KvD›Uv‡ii †gvW b¤^i e‡j|

1. wmb‡µvbvm KvD›Uvi Kx?

DËit †h KvD›Uv‡i GKwU gvÎ K¬K cvjm& me¸‡jv wd¬c d¬‡ci Ae¯’vb cwieZ©b NUvq Zv‡K wmb‡µvbvm KvD›Uvi e‡j|

1. A¨vwmb‡µvbvm KvD›Uvi Kx?

DËit †h KvD›Uv‡i GKwU wd¬c d¬‡ci AvDUcyU Ab¨wUi K¬K cvjm& wn‡m‡e e¨eüZ nq Zv‡K A¨vwmb‡µvbvm KvD›Uvi e‡j|

1. wicj KvD›Uvi Kx?

DËit †h wd¬c d¬‡ci Ae¯’vb cwieZ©‡bi mv‡\_ mv‡\_ Aci wd¬c‡K cÖfvweZ K‡i Zv‡K wicj KvD›Uvi e‡j|

1. wicj Avc KvD›Uvi Kx?

DËit †h KvD›Uv‡i †QvU b¤^i †\_‡K eo b¤^‡ii w`‡K ch©vqµwgK MYbv Kiv nq Zv‡K wicj Avc KvD›Uvi e‡j|

1. wicj WvDb KvD›Uvi Kv‡K e‡j?

DËit †h KvD›Uv‡i eo †\_‡K ch©vqµwgKfv‡e wb‡Pi w`‡K MYbv Kiv nq Zv‡K wicj WvDb KvD›Uvi e‡j|

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

1. K

DËit

Abyavebg~jK cÖ‡kœvËi

1. (298)8 msL¨vwU mwVK wKbv-e¨vL¨v Ki|

DËit msL¨vwU mwVK bq| wfwË Abymv‡i msL¨vwU GKwU A±vj msL¨v †hLv‡b 0, 1, 2, 3, 4, 5, 6, 7 msL¨v Øviv mg¯Í msL¨v ˆZwi nq| wKš‘ msL¨vwU 9 I 8 `ywU msL¨v e¨eüZ n‡q‡Q, hv A±vj msL¨v c×wZ‡Z †bB| ZvB msL¨vwU mwVK bq|

1. 3 wfwËK msL¨v c×wZ e¨vL¨v Ki|

DËit †h msL¨v c×wZ 3wU A¼ ev wPý e¨envi Kiv nq Zv‡K 3 wfwËK msL¨v c×wZ ejv nq| 3 wfwËK msL¨v c×wZ‡Z 0, 1 I 2 G wZbwU A¼ e¨envi Kiv nq| G msL¨v c×wZi wfwË 3|

1. 6 wfwËK msL¨v c×wZi cÖ\_g `kwU msL¨v wjL|

DËit 6 wfwËK msL¨v c×wZi cÖ\_g `kwU msL¨v n‡jv 0, 1, 2, 3, 4, 5,10, 11, 12,13|

1. 7+1=10 †Kb? e¨vL¨v Ki| (3+5=8)

DËit GwU GKwU A±vj msL¨v c×wZi †hvM| `kwgK msL¨v c×wZ‡Z 7+1=8 (3+5=8) nq, wKš‘ A±vj msL¨v c×wZi †hvM Ki‡j 10 nq| A±vj msL¨v c×wZ‡Z 7 Gi cieZ©x msL¨v 10 hv `kwgK msL¨v c×wZi mgZzj¨ gvb 8|

1. weU I evBU GKB bq- †Kb?

DËit weU I evBU GK bq KviY weU n‡”Q evBbvwi A‡¼i mswÿß iƒc| Ab¨w`‡K 8wU weU wb‡q MwVZ Aÿi ev kã n‡”Q evBU| ZvQvov weU n‡”Q 0 I 1, Ab¨w`‡K A=010000001 n‡”Q evBU| ZvB weU I evBU GK bq|

1. 2-Gi cwic~iK MV‡bi cÖ‡qvRbxqZv e¨vL¨v Ki?

DËit 2-Gi cwic~iK MV‡bi cÖ‡qvRbxqZv i‡q‡Q| 2 Gi cwic~iK msL¨vi Rb¨ MvwYwZK mij eZ©bx cÖ‡qvRb| mij eZ©bx `v‡g m¯Ív Ges `ªæZ MwZ‡Z KvR K‡i| 2-Gi cwic~iK MV‡b wPýhy³ msL¨v Ges wPýwenxb msL¨v †hvM Kivi Rb¨ GKB eZ©bx e¨envi Kiv hvq| 2-Gi cyic~iK MV‡b †hvM I we‡qv‡Mi Rb¨ GKB eZ©bx e¨envi Kiv hvq| ZvB AvaywbK Kw¤úDUv‡i 2-Gi cwic~iK c×wZ e¨envi Kiv nq|

1. we‡qv‡Mi KvR †hv‡Mi gva¨‡g m¤¢e e¨vL¨v Ki|

DËit we‡qv‡Mi KvR †hv‡Mi gva¨‡g Kiv m¤¢e| 2 Gi cwic~iK MV‡b ‡hvM I we‡qv‡MiRb¨ GKB eZ©bx e¨envi Kiv hvq| ZvB AvaywbK Kw¤úDUv‡i 2 Gi cwic~iK c×wZ e¨envi Kiv nq|

1. 2 Gi cwic~iK MVb †Kgb?

DËit †Kv‡bv evBbvwi msL¨vi 1 Gi evBbvwi cwic~iK Gi mv‡\_ 1 †hvM Ki‡j 2- Gi evBbvwi cwic~iK cvIqv hvq| 2 Gi cwic~iK MV‡b FYvZ¥K msL¨v cÖKv‡ki Rb¨ cÖ\_‡g wPý weU 1 n‡e Ges cieZ©x A¼wU n‡e `kwgK msL¨vwUi mgKÿ evBbvwi msL¨vi 2 Gi cwic~iK msL¨v|

1. AvaywbK Kw¤úDUv‡i Kv‡Ri MwZ e„w×‡Z 2 Gi cwic~iK c×wZ wKfv‡e mnvqZv Ki‡Z cv‡i-e¨vL¨v Ki|

DËit AvaywbK Kw¤úDUv‡i Kv‡Ri MwZ e„w×‡Z 2-Gi cwic~iK c×wZ e¨envi Kivi KviY n‡jv GKB mvwK©U e¨envi K‡i †hvM we‡qvM DfqB Kiv hvq| ZvQvov mvwK©‡Ui RwUjZv Kgvq Ges `v‡g m¯Ív nq|

1. BDwb‡KvW we‡k^i mKj fvlvfvlx gvby‡li Rb¨ Avwke©v`-eywS‡q wjL|

DËit BDwb‡KvW we‡k^i mKj fvlvfvlx gvby‡li Rb¨ Avwke©v` KviY Gi gva¨‡g we‡k^i mKj fvlv e¨envi K‡iB Kw¤úDUv‡i cÖ‡mm ev cÖwµqvKiY Kiv hvq| ZvB G‡K BDwbfvm©vj †KvW BDwb‡KvW ejv nq| BDwb‡KvW n‡jv 16 we‡Ui †KvW| A\_©vr GB †Kv‡Wi gva¨‡g 216=65536wU wfbœ Aÿi cÖKvk Kiv hvq|

1. evBbvwi 1+1 I eywjqvb 1+1 GK bq-eywS‡q ej|

DËit evBbvwi †hv‡Mi †ÿ‡Î 1+1 e¨eüZ nq| G‡ÿ‡Î 1+1= 0 Ges K¨vwi 1 nq| eywjqvb †hv‡Mi †ÿ‡Î 1 + 1 = 1 nq| G‡Z eySv hv‡”Q †h, eywjqvb †hvM (+) wPý mvaviYZ + wPý‡K eySv&q bv| eywjqvb †hvM‡K ejv nq Logical Addition A\_ev Logical OR Operation | G †\_‡K eySv hvq †h, evBbvwi 1 + 1 I eywjqvb 1 + 1 GK bq|

1. mZ¨K mviwY †Kb e¨envi nq †jL|

DËit mZ¨K mviwY e¨envi K‡i jwRK eZ©bx A¼b Kiv hvq| jwRK dvsk‡b wewfbœ ai‡bi gv‡bi Rb¨ evBbvwi A¼ 0 I 1 gvb \_v‡K| PjK¸‡jvi wewfbœ gvb‡K BbcyU Ges dvskbwUi gvb‡K AvDUcyU e‡j| dvskbwUi BbcyU I AvDUcyU‡K GKwU †Uwej ev mviwY‡Z cÖKvk Kiv hvq|

1. jwRK †MBU ej‡Z Kx eyS?

DËit B‡jKUªwbK cÖev‡ni †ÿ‡Î †MBU n‡jv GKwU B‡jKUªwbK eZ©bx ev wWwRUvj mvwK©U, hv GK ev GKvwaK BbcyU MÖnY K‡i Ges GKwU gvÎ AvDUcyU cÖ`vb K‡i| †h me wWwRUvj mvwK©U hyw³g~jK ms‡K‡Zi cÖevn wbqš¿Y K‡i \_v‡K †m me mvwK©U‡KB jwRK †MBU e‡j|

1. me©Rbxb †MBU w`‡q †Kvb †MBU ev¯Íevqb Kiv hvq?

DËit me©Rbxb †MBU w`‡q AND, OR I NOT †MBU ev¯Íevqb Kiv hvq| †h †MBUP w`‡q †gŠwjK †MBU¸‡jv ev¯Íevq Kiv hvq Zv‡K me©Rbxb †MBU e‡j| NAND †MBU w`‡q AND, OR I NOT †MBU ev¯Íevqb Kiv hvq| Avevi NOR †MBU w`‡qI AND, OR I NOT †MBU ev¯Íevqb Kiv hvq| GRb¨ I †MBU‡K me©Rbxb †MBU ejv nq|

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