

ঢাকা বোর্ড

বহুনির্বাচনি অধীক্ষা
তথ্য ও যোগাযোগ প্রযুক্তি
[২০২৪ সালের নিষেধাস অনুযায়ী]
সময়—২৫ মিনিট
পূর্ণমান—২৫

বিষয় কোড : 2 7 5

সেট : গ

[বিশেষ প্রটোকল: সরবরাহকৃত বহুনির্বাচনি অধীক্ষার উত্তরপত্রে প্রশ্নের ত্রৈমিক নম্বরের বিপরীতে প্রদত্ত ক্রমবন্ধিত বৃত্তসমূহ হতে সঠিক/সর্বোৎকৃষ্ট উত্তরের বৃত্তটি বলা পরেই কলাম দ্বারা সম্পূর্ণ করতে কর। প্রতিটি প্রশ্নের মান ১। সকল প্রশ্নের উত্তর দিতে হবে।]

উত্তরপত্রে কোনো প্রকার দাগ/চিহ্ন দেয়া যাবে না।

১। নিচের কোনটি নয় খেটলসিক ক্যাবল?

- (ক) টুইস্টেড পেয়ার ক্যাবল
(খ) কো-এক্সিয়াল ক্যাবল
(গ) ফাইবার অপটিক ক্যাবল
(ঘ) টেলিফোন ক্যাবল

নিচের উদ্দীপকটি পড় এবং ২ ও ৩-এর প্রশ্নের উত্তর দাও :

"ক" কলামের কম্পিউটার লগরে নেটওয়ার্ককৃত ৮টি কম্পিউটার আছে এবং প্রতিটি কম্পিউটার একটি ডিভাইসের অধীনে চুক্তি আছে।

২। উদ্দীপকের নেটওয়ার্ক টপোলজি হচ্ছে—

- (ক) বস (খ) রিং
(গ) স্টার (ঘ) মেস

৩। উদ্দীপকে ব্যবহৃত ডিভাইস—

- I. ডেটা সংযোগের সম্ভাবনা কমান
II. ডেটা ফিল্টারিং করতে পারে
III. একাধিক নেটওয়ার্ককে সংযুক্ত করতে পারে

নিচের কোনটি সঠিক?

- (ক) I ও II (খ) I ও III
(গ) II ও III (ঘ) I, II ও III

৪। বাইনারি ক্রমবিন্যাস কোন কোডকৃত?

- (ক) BCD (খ) ASCII
(গ) EBCDIC (ঘ) UNICODE

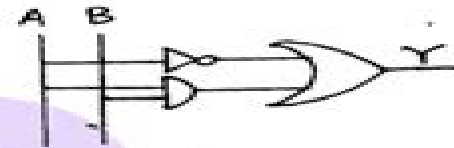
৫। $(11001-0100)_2$ এর সমতুল্য অষ্টক সংখ্যা কত?

- (ক) $(25-25)_8$
(খ) $(52-52)_8$
(গ) $(31-20)_8$
(ঘ) $(62-20)_8$

৬। নিচের কোনটি টেক্সট এডিটর?

- (ক) নোটপ্যাড
(খ) জাভা
(গ) পাইথন
(ঘ) ওরাকল

নিচের চিত্রটি লক্ষ কর এবং ৭ ও ৮-এর প্রশ্নের উত্তর দাও :



৭। Y এর মান কোনটি?

- (ক) $A + B$
(খ) $\overline{A} + B$
(গ) $A + \overline{B}$
(ঘ) $\overline{A} + \overline{B}$

৮। উদ্দীপকে $Y = 0$ যখন—

- (ক) $A = 0, B = 0$
(খ) $A = 0, B = 1$
(গ) $A = 1, B = 0$
(ঘ) $A = 1, B = 1$

৯। সবচেয়ে বড় হেক্স ট্রান্স কোডটি?

- (ক) $<h1>$ (খ) $<h2>$
(গ) $<h3>$ (ঘ) $<h6>$

১০। ডেলিকা ইন্ডেক্স জন্য ব্যবহৃত আবশ্যিক ট্যাগ হচ্ছে—

- I. $$
II. $$
III. $$

নিচের কোনটি সঠিক?

- (ক) I ও II
(খ) I ও III
(গ) II ও III
(ঘ) I, II ও III

১১। $(FF)_{16}$ এর পূর্বের সংখ্যা কোনটি?

- (ক) EE (খ) EF
(গ) FE (ঘ) FO

[পর পৃষ্ঠা প্রটোকল]

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Yijin Wang



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