

- 1.14 লোহার হারিচ পড়া একটি
a) জারণ প্রক্রিয়া b) বিজারণ প্রক্রিয়া
c) জারণ-বিজারণ প্রক্রিয়া d) প্রথম বিক্রিয়া
1.15 অ্যাসিটোন যৌগটির কার্বকরী মূলক হল-
a) $-OH$ b) $-CHO$ c) $C=O$ d) $-COOH$
"ব" বিভাগ

2. নিরনিখিত প্রশ্নগুলির উত্তর দাও : (বিকল্প প্রশ্নগুলি লক্ষ্যীয়) 1x21=21
2.1 বায়ুমণ্ডলের শীতলতম স্তর কোনটি ?
2.2 বায়ুমণ্ডলের ওজোন স্তর ধ্বংসে কোন গ্যাস অনুঘটকের কাজ করে ?
অথবা
CBM-এর সম্পূর্ণ নাম কী ?

- 2.3 শূন্যস্থান পূরণ করো : P-V লেখচিত্রটি ——— প্রকৃতির হয়।
2.4 কোন উচ্চতায় প্যাসীয়ার অণু কণ্টক প্রদত্ত চাপ শূন্য হয় ?
2.5 প্রকৃত প্রসারণগাছ ও আপাত প্রসারণ গাছের মধ্যে কোনটি তরলের নিজস্ব বৈশিষ্ট্য ?

- অথবা, কঠিন ও তরল পদার্থের মধ্য দিয়ে তাপ সঞ্চালনের মূল পার্থক্য কী ?
2.6 একটি প্রিজমে আলোর প্রতিসরণের ক্ষেত্রে চ্যুতিকোণ ন্যূনতম হওয়ার শর্ত কী ?
2.7 মানুষের চোখের কোথায় প্রতিবিম্ব গঠিত হয় ?
2.8 BOT একটি কোন ভৌতরাশির একক ?
2.9 3Ω ও 5Ω -এর রোধ দুটিকে কীভাবে যুক্ত করলে তুল্যরোধ 3Ω -এর কম হবে ?
2.10 নিউক্লীয় বিভাজনে ভরের সংরক্ষণ নীতিটি প্রযোজ্য হয় কি ?
অথবা, সত্য/মিথ্যা নির্বাচন করো—

$^{240}_{89}A$ পরমাণুটি থেকে 1টি α কণা নির্গত হলে $^{240}_{87}A$ পরমাণুর সৃষ্টি হয় ?

- 2.11 বামস্তম্ভের সঙ্গে ডানস্তম্ভের সামঞ্জস্য বিধান করো : 1x4=4

বামস্তম্ভ	ডানস্তম্ভ
2.11.1 একটি অভিজাত মৌল	a) K
2.11.2 হিমাটাইট থেকে নিষ্কাশিত হয়	b) Zn
2.11.3 চতুর্থ পর্যায়ের প্রথম মৌল	c) Kr
2.11.4 পিতলে আছে কিন্তু রোঙ্গে নেই	d) Fe

- 2.12 কোন ধরনের যৌগে অণুর অস্তিত্ব নেই ?
অথবা, সমযোজী যৌগগুলি কোন ধরনের দ্রাবকে দ্রবীভূত হয় ?

- 2.13 শূন্যস্থান পূরণ করো—
প্রলিত NaCl-এর তড়িদ্বিশ্লেষণে অ্যানোডে NQ উৎপন্ন হয়।

- 2.14 তড়িদ্বিশ্লেষণ প্রক্রিয়ায় কোন প্রকারের তড়িৎপ্রবাহ ব্যবহার করা হয় ?
অথবা, পিতলের ওপর সোনার তড়িৎলেপনে তড়িদ্বিশ্লেষণ হিসেবে কী নেওয়া হয় ?
অক্সিডাইজেশন নেগেটিভ

- 2.15 গ্যাস থার্মোমিটারে কোন গ্যাস ব্যবহার করা হয় ?
2.16 লেড নাইটেট দ্রবণে H_2S গ্যাস চালনা করলে কী ঘটে ?

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SA Dillow



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should be 11 the minimum spacing of reinforcing bars should preferably be 6 in longitudinal steel should be detailed in a 2 bar alternating pattern with one of the bars continuous through the slab the maximum size

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web the design is complete for pre stressing cables end anchorages un tensioned reinforcements end cross girder shear connectors 3 0 general this chapter emphasizes on introducing the typical process of designing deck girder superstructure of pre stressed concrete bridge along with the consideration that a design engineer needs to take

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