

০১ সেট

গণিত (সৃজনশীল)

[২০২৩ সালের সিলেবাস অনুযায়ী]

বিষয় কোড :

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সময়—২ ঘণ্টা ৩০ মিনিট

পূর্ণমান—৭০

[দ্রষ্টব্য : ডান পাশের সংখ্যা প্রশ্নের পূর্ণমান জ্ঞাপক। ক বিভাগ বীজগণিত হতে দুটি, খ বিভাগ জ্যামিতি হতে দুটি, গ বিভাগ ত্রিকোণমিতি ও পরিমিতি হতে দুটি এবং ঘ বিভাগ পরিসংখ্যান হতে একটি করে মোট সাতটি প্রশ্নের উত্তর দাও।]

ক বিভাগ—বীজগণিত

নম্বর

$$R = \{x \in N : x \text{ মৌলিক সংখ্যা এবং } x^2 \leq 50\}$$

$$S = (cx - dy, cd) = (cd, dx - cy)$$

(ক)  $F(x) = x^3 - 2x + 3$  হলে,  $F(-3)$  নির্ণয় কর।

(খ)  $P(R)$  নির্ণয় করে দেখাও যে,  $P(R)$  এর উপাদান সংখ্যা  $2^n$  কে সমর্থন করে, যেখানে  $n$ ,  $R$  এর উপাদান সংখ্যা।

~~১৪~~ ক্রমজোড়ের নিয়মানুসারে  $S$  থেকে  $(x, y)$  এর মান নির্ণয় কর।

২। (i)  $p^2 + q^2 = \sqrt[4]{64}$

(ii)  $p^2 - q^2 = \sqrt[4]{81}$

(iii)  $(a + 2) + \frac{1}{(a + 2)} = 5$

(ক) উৎপাদকে বিশ্লেষণ কর :  $x^4 + 64$ .

(খ)  $8p^2q^2(p^4 + q^4)$  এর মান নির্ণয় কর।

(গ) (iii) নং উদ্দীপকের আলোকে দেখাও যে,  $(a + 2)^5 + \frac{1}{(a + 2)^5} = 2525$ .

[পর পৃ.

# Hsc Jessore Board 2013 Math Practicalquestion

**Tao Wei**



**Hsc Jessore Board 2013 Math Practicalquestion:**

## **Hsc Jessore Board 2013 Math Practicalquestion** Book Review: Unveiling the Magic of Language

In an electronic era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Hsc Jessore Board 2013 Math Practicalquestion**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we will delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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web solutions manual acids i and bases section 18 1 introduction to acids and bases pages 634 643 practice problems pages 635 640 write balanced equations for reactions between the following aluminum and sulfuric acid  $2\text{Al} + 3\text{H}_2\text{SO}_4 \rightarrow \text{Al}_2(\text{SO}_4)_3 + 3\text{H}_2$  calcium carbonate and hydrobromic acid