$50 + x^2 - \sqrt{5}x + 1 = 0$ ever $x + \frac{1}{x} = 300$?

(₹) - 2√5

(♥) -√5 (♥) 5√5

১৬। x + y = 6 এবং x - y = 4 হলে 5xy এর মান কত?

(*) 16

(M) VS

(3) 24

(41) 25

(N) 36

১৭। U = {1, 2, 3, 4, 5, 6, 7}, A = {3, 5, 6, 7} হলে এং সমান কভ হবেঃ

(*) (1, 2, 4)

(4) (2, 4, 5)

(4) (2, 4, 6)

(N) (3, 5, 6, 7)

56: A = (3, 4, 5) are B = (4, 5, 7) ROW ... L. A \cup B = (3, 4, 5, 7) H. A \cap B = (4, 5)

III. $A \subset B$

নিচের কোনটি সঠিক?

(本) / 电 //

(4) 1 9 111

(M) 11 @ 111 (M) 1, 11 @ 111

১৯। x² – x – 42 এর উৎপানকে বিশ্লেখিক রূপ নিচের কোনটি?

(>) (x - 6)(x - 7)

(4) (x-6)(x+7)

(9) (x+6)(x+7)(8) (x-7)(x+6)

২০। কোনো বিশুটি x-অক্ষের উপর অবস্থিত?

(季) (0, -4)

(⋖) (-4,0)

(4) (0, 3)

(N) (3, -1)

২১। কোন প্রকৃত ভগ্নাংশের লব ও হরের যোগফল 14 এবং বিয়োগফল ৪ হলে, ভগ্নাংশটি নিচের কোনটিঃ

(क) ≥

(₹) ≥ 5

(a) $\frac{11}{2}$

(8) $\frac{11}{3}$

২২ ৷ $m^2 - 6m - 1 = 0$ হলে $m^2 + \frac{1}{m^2} = কজ?$

(m) 32

· (×) 34

(41) 36

(3) 38

২০। একটি সমন্তত্মিক বেলনের ব্যাসার্থ 4 সে.মি. এবং উচ্চতা 6 সে.মি.। বেলনটির বক্ত পৃষ্ঠের ক্ষেত্রফল কতঃ (ম = 3-14)

(ক) 75-36 বর্গ সে.মি.

(খ) 150-72 বর্গ সে.মি.

(গ) 226-08 বর্গ সে.মি.

(খ) 301-44 বর্গ সে.মি.

নিচের চিত্র অনুসারে ২৪ ও ২৫নং প্রশ্নের উত্তর দাও :



ABCD বৰ্গক্ষেত্ৰের কর্মন্তর 'O' বিন্দৃতে মিলিত হয়েছে এবং $BC=6~\mathrm{cm}$.

28 | ZAOB = \$57

(₹) 30°

(31) 45°

(*I) 60°

(N) 90°

२व । AC अब देशकी करा

(ক) 6 লে.মি.

(খ) 6√2 েশ.খি.

(গ) 9√2 সে.মি.
(খ) 12 সে.মি.
২৬। যে চতুর্বজের দুই জোড়া সন্নিহিত বাহ সমান তাকে কী

বলে? (ক) আয়ত

(খ) বৰ্গ**ি**

(গ) ছকি

(খ) সামাজরিক



ABC ত্রিভুজের ক্ষেত্রকল কত?

(ক) 24 বর্গ সে.মি.

(খ) 36 বর্গ সে.মি.

(গ) 48 বর্গ সে.মি.

(খ) 60 বর্গ সে.মি.

২৮। একটি ত্রিভুজার বাহুওলোর অনুপাত $x:x:x\sqrt{2}$ -হলে, এর বৃহত্তম কোশটির মান কতঃ

(*) 80°

(N) 85°

(°1) 90°

(N) 120°

২৯। চতুর্ভুজের চারটি কোণের সমষ্টি কত?

(季) 360°

(N) 300°

(M) 270°

(N) 180°

ত০। একটি ট্রাপিজিয়ামের সমান্তরাল বাহু দুইটির দৈর্ঘ্য ফ্রথাক্রমে 13 সে.মি. এবং ৪ সে.মি। সমান্তরাল বাহুরয়ের লম্ব দুরত্ব 4 সে.মি. হলে ট্রাপিজিয়ামটির ক্ষেত্রফল কত বর্গত

(ক) 42 বর্গ সে.মি.

(খ) 52 বর্গ সে.মি.

(গ) 84 বর্গ সে.মি.

(ঘ) 104 বর্ণ সে.মি.

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- 1. Understanding the eBook Jsc Math Exam Question Paper 2013
 - The Rise of Digital Reading Jsc Math Exam Question Paper 2013
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Jsc Math Exam Question Paper 2013
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Jsc Math Exam Question Paper 2013
 - User-Friendly Interface

- 4. Exploring eBook Recommendations from Jsc Math Exam Question Paper 2013
 - Personalized Recommendations
 - Jsc Math Exam Question Paper 2013 User Reviews and Ratings
 - Jsc Math Exam Question Paper 2013 and Bestseller Lists
- 5. Accessing Jsc Math Exam Question Paper 2013 Free and Paid eBooks
 - o Jsc Math Exam Question Paper 2013 Public Domain eBooks
 - Jsc Math Exam Question Paper 2013 eBook Subscription Services
 - Jsc Math Exam Question Paper 2013 Budget-Friendly Options
- 6. Navigating Jsc Math Exam Question Paper 2013 eBook Formats
 - o ePub, PDF, MOBI, and More
 - Jsc Math Exam Question Paper 2013 Compatibility with Devices
 - Jsc Math Exam Question Paper 2013 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Jsc Math Exam Question Paper 2013
 - Highlighting and Note-Taking Jsc Math Exam Question Paper 2013
 - Interactive Elements Jsc Math Exam Question Paper 2013
- 8. Staying Engaged with Jsc Math Exam Question Paper 2013
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Jsc Math Exam Question Paper 2013
- 9. Balancing eBooks and Physical Books Jsc Math Exam Question Paper 2013
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Jsc Math Exam Question Paper 2013
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Jsc Math Exam Question Paper 2013
 - Setting Reading Goals Jsc Math Exam Question Paper 2013
 - Carving Out Dedicated Reading Time

- 12. Sourcing Reliable Information of Jsc Math Exam Question Paper 2013
 - o Fact-Checking eBook Content of Jsc Math Exam Question Paper 2013
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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