



Training and Placement papers

If you like the blog, Please click on recommend us on google button below

 +77 Recommend this on Google

Are you looking for practice tests? then click [Here](#)

Home IT Companies Papers AMCAT Elitmus CoCubes Quantitative Aptitude Material Logical Reasoning C Programming Material Te

  333 people like this. Be the first of your friends.

Popular Posts

AMCAT QUESTIONS

English Passage 2015 & 2016 Batch Freshers Registration Link This sue-for-anything philosophy was created in the 1960s, when jud...

AMCAT Quantitative Ability Previous Question Papers with solutions-1
AMCAT Quantitative Ability Previous Papers-1 1) The probability of getting at least one tail in 5 throws of a coin is?
a)1/32 ...

AMCAT (Aspiring Minds questions with solutions)-1
AMCAT (Aspiring Minds questions with solutions) 2015 & 2016 Batch Freshers Registration Link JOIN MY FACEBOOK GROUP FOR UPDATES ...

AMCAT Automata (Campus) Questions

2015 & 2016 Batch Freshers Registration Link 1) There is a colony of 8 cells arranged in a straight line where each day every cell...

amcat questions -- all modules

2015 & 2016 Batch Freshers Registration Link Read the sentence to find out whether there is any grammatical error in it. The error...

AMCAT (Aspiring Minds) previous questions with solutions -1

AMCAT (Aspiring Minds) previous questions with solutions-1 2015 & 2016 Batch Freshers Registration Link JOIN MY FACEBOOK GROUP FOR ...

AMCAT (Aspiring Minds) previous questions with solutions-5

AMCAT (Aspiring Minds) previous questions with solutions-5 2015 & 2016 Batch Freshers Registration Link JOIN MY FACEBOOK GROUP FO...

Tuesday, August 18, 2015

AMCAT Quantitative Ability Previous Papers-12

111)Evaluate: $\log(a^2bc^3)^5$

a. $32\log a + 5\log b + 243\log c$
b + $\log c$

b. $(10\log a + 5\log b + 15\log c)$

c. $15(\log a + \log$

d. $5\log(a^2bc^3)$

Ans: (B)

112) if p varies directly as the square of q and inversely as the square root of r, which of the following would be true if k represents constant of variation?

a. $p(q)^2 = \sqrt{k}$ b. $k = r^2 \cdot p \cdot q^{-2}$ c. $p/k(q)^2 = \sqrt{r}$ d. $\sqrt{p} = 1/k(q)^2$

113) what is the loss percentage incurred by a company when it buys an asset for Rs 1,50,000 and sells it for Rs 75,500?

a. 49.67%

b. 49.34%

c. 98.68%

d. 98.34%

A) c.p = 1,50,000rs
s.p = 75,500

loss = c.p - s.p
= 1,50,000 - 75,500
= 74,500

Loss% = $(\text{loss}/\text{c.p}) \times 100$
= $(74,500/1,50,000) \times 100$
= 49.67%

114) If a positive integer n is divided by 5 then the remainder is 3. Which of the following numbers gives remainder 0, when it is divided by 5?

a. n + 3

b. n - 2

c. n + 2

d. n + 1

Ans: n+2;

115) Find the greatest 5 digit number that is exactly divisible by 3, 4, 5 and 7?

a. 99940

b. 99960

c. 99970

d. 99990

Ans: $99999 / \text{LCM}(3,4,5,7) = 99999 / 420 = 238$ (quotient)
 $238 \times 420 = 99960$

116) Probability of one of the power plants over heating is 0.15 per day and the probability of failure of the backup cooling system is 0.11. If these events are independent. What is the probability of 'big trouble' (i.e. both events taking place)?

a. 0.35

b. 0.0185

c. 0.0165

d. 0.26

Ans: big trouble occur when overheating and failure of cooling system happens at the same time.
 $0.15 \times 0.11 = 0.0165$

Cocubes Quantitative Aptitude Questions-1
Quantitative Aptitude For Competitive Examinations (English)
 7th Edition 1. The cost price of 10 articles is equal to the selling price of...

[AMCAT \(Aspiring Minds\) previous questions with solutions-4](#)

AMCAT (Aspiring Minds) previous questions with solutions-4 2015 & 2016 Batch Freshers Registration Link JOIN MY FACEBOOK GROUP F...

117) If the selling price of a watch is halved, the profit becomes quartered. Find the profit percentage of the watch?
 a. 50% b. 66.67% c. 100% d. 200%

let $c.p = x$
 $s.p = y$
 $((y/2) - x)/x = ((y - x)/x) * (1/4)$
 $y = 3x$
 $\text{profit}\% = ((3x - x)/x) * 100$
 $= 200\%$

118) Simplify the expression $7 \log_5 p + \sqrt{3}/2 \log_5 q - \frac{1}{2} \log_5 2r$
 a. $\log_5 p^7 + q^{(\sqrt{3}/2)} - (\sqrt{2})(\sqrt{r})$ b. $\log_5(p^7 + q^{(\sqrt{3}/2)})/r$ c. $\log p^7 \cdot q^{(\sqrt{3}/2)} / ((\sqrt{2})(\sqrt{r}))$ d. $\log_5 p^7$
 $q^{(\sqrt{3}/2)} - ((\sqrt{2})(\sqrt{r}))$

$7 \log p + ((3)^{(1/2)})/2 \log q - (1/2) \log 2r$
 $= \log p^7 + \log q^{((3)^{(1/2)})/2} - \log 2r^{(1/2)}$
 $= \log((p^7) \cdot q^{((3)^{(1/2)})/2}) / (2r^{(1/2)})$

119) There are 5 clients and 5 consultants in a round table meeting. In how many ways can the clients be seated such that no consultant is next to the other consultant?
 a. $5! 6!$ b. $4! 4!$ c. $4! 5!$ d. $9!$ e. $5! 4!$

Ans: 5 clients can be arranged in $4!$ Ways as it is a circular arrangement.
 Now 5 places left in between 5 clients. So 5 consultants can be arranged in $5!$ Ways.
 Total: $4! * 5!$

120) A company decides to reorganise its financial transaction files and put all such files into various drawers. In how many ways can 7 files be put into 3 drawers, if any number of files can be put in each drawer?

a. 7^3 b. $7p3$ c. $7!/4!$ d. 3^7 e. $7c3$

at 1:21:00 AM



+2 Recommend this on Google

Labels: [amcat](#)

1 comment



Add a comment

Top comments



NagarjUNA Nag 3 weeks ago - Shared publicly

120 ans ??

+1 · Reply

[Newer Post](#)

[Home](#)

[Older Post](#)

Subscribe to: [Post Comments \(Atom\)](#)

Contact Form

Name

Email *

Message *

Send

Google+ Followers

Bhanu Prakash Reddy

Add to circles



115 have me in circles

Total Pageviews

703114

[Buy Micromax 32TSD6150FHD 81 cm \(32\) Full HD \(FHD\) LED Television with ... from Snapdeal](#)

Simple template. Template images by [fpm](#). Powered by [Blogger](#).