Mth302 - Business Mathematics Solved MCQs (Online quiz # 1) 2

MTH302 - Business Mathematics and Statistics - Q.No. 3
Solution of linear equation; 0x+8 = 5

    Can never be determined
    -3
    0
    -13

MTH302 - Business Mathematics and Statistics - Q.No. 4
The rate at which the calculations are made is called

    Discount factor
    Discount Rate
    Discount Value
    Non

MTH302 - Business Mathematics and Statistics - Q.No. 5
After the merchant buys merchandise, it is sold at a higher price called the-------

    Cost price
    Revenue discount
    Mark down
    None of these

MTH302 - Business Mathematics and Statistics - Q.No. 6
Dividends, payments on the installments purchases, payments on the rent, interest payments on the bonds, mortgage payments and premium on insurances are all the examples of

    Simple interest
    Compound interest
    Gratuities
    Annuity

MTH302 - Business Mathematics and Statistics - Q.No. 7
The algebraic expression: $x^2+xy-6y^2$ is an example of

    Trinomial
    Binomial
    Both trinomial and Polynomial
    Both Binomial and Polynomial

MTH302 - Business Mathematics and Statistics - Q.No. 8
What shall be compound intrest earned on Rs.750 invested at 12% per annum for 8 years.

    Rs.1857
    Rs.750
    Rs.1107
    None of these

MTH302 - Business Mathematics and Statistics - Q.No. 9
Any matrix in which numbers of rows and columns are equal is called …….. matrix.

    Identity
    triangular
    Diagonal
    Square

MTH302 - Business Mathematics and Statistics - Q.No. (http://www.vuzs.info) 10
The formula FV (ordinary Annuity) = C * [(1 + i)n – 1/i] is used to find the value of

    Future value of the annuity
    Accumulation factor
    Amount of annuity
    Non of above

MTH302 - Business Mathematics and Statistics - Q -
Convert 50% Markup on Sale to % Markup on Cost. www.vuzs.info

50%
_100%_
150%
200%

MTH302 - Business Mathematics and Statistics - Q -
The Earning per share is the total profits of a company divided by the
annual dividend
    number of shares
    market value per share
    earning per share

MTH302 - Business Mathematics and Statistics - Q -
The unknown value in the proportion: 2: x = 3: 9, is ….
    5
    _6_
    7
    8

MTH302 - Business Mathematics and Statistics - Q -
House rent, both utilities and conveyance allowances, both gratuity and provident funds are -------------------- of basic salary
respectively.
    _45%, 2.5%, 9.09%_
    50%, 1.5%, 9.05%
    55%, 2.25%, 8.09%
    40%, 3.5%, 8.08%

MTH302 - Business Mathematics and Statistics - Q -
Nauman earned 8% profit on investment of 1000 Rs and in the next deal he has a lost of 8% on the earned amount. What is his
original amount now?
1000
    _993.6_
    1004
    None of these
 Sent at 18:52 on Thursday

MTH302 - Business Mathematics and Statistics - Q -
If 2.5 : 7.5 = 3.7 : x, then x = ?
    10.10
    _11.10_
    12.10
    13.10

MTH302 - Business Mathematics and Statistics - Q -
In Excel, if we write 4 in A5 cell & 9 in B5 cell, then formula is
_"=A5 + B5"_
    "=B5 + A5"
    both (i)&(ii)
    none

MTH302 - Business Mathematics and Statistics - Q -
"=A5 + B5"
    "=B5 + A5"
    both (i)&(ii)
    none

MTH302 - Business Mathematics and Statistics - Q -
Solve the following algebraic expression $[X^2-1] / [x^3 -1]$
    $[x+1] / [x^2+x+1]$
    $[x+1] / [x^2-x+1]$
    $[x-1] / [x^2-x+1]$
    None of these

MTH302 - Business Mathematics and Statistics - Q -
If the basic salary of an employee of a company is Rs.14000, then his/her provident fund is
Rs.2425.45
    _Rs.2545.45_
    Rs.2525.45
    None of these

MTH302 - Business Mathematics and Statistics - Q -
One dozen bananas cost Rs. 15. They are sold at the markup of 12%. The selling price is -----   vuzs.info
    _16.8_
    15.8
    14.8
    17.8

MTH302 - Business Mathematics and Statistics - Q.No. 1
Identity matrix is also a ……….. matrix

> ***Square***
> triangular
> Diagonal
> Both (i)&(iii)

MTH302 - Business Mathematics and Statistics - Q.No. 2
The unknown value in the proportion: 2: x = 3: 9, is ….

> 5
> ***6***
> 7
> 8
> 6

MTH302 - Business Mathematics and Statistics - Q.No. 3
The trade discount is calculated by ------------------------

> ***dL***
> d - L
> d + L
> d - dL

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MTH302 - Business Mathematics and Statistics - Q.No. 4
If Ali buys pencil 3 Rs. and sell it at price 3.5 Rs. What is percent markup on selling price?

> 14.1
> ***14.3***
> 14.5
> None of these

MTH302 - Business Mathematics and Statistics - Q.No. 5
In the word BALLOONS, the ratio of vowels to consonants is

> 3/5
> 3/8
> 5/3
> 8/5

MTH302 - Business Mathematics and Statistics - Q.No. 6
After the new admission to the school, there is an increase of 30 percent of students. If the total number of students is now 1200, what were total students before admission?

> ***823***
> 923
> 1023
> 1123

MTH302 - Business Mathematics and Statistics - Q.No. 7
A matrix is a _____ array of numbers.

> square
> triangular
> ***rectangular***
> none of these

MTH302 - Business Mathematics and Statistics - Q.No. 8
The value of the unknown x in the proportion 2:x=3:9 is given by

> ***6***
> 3
> 1/3
> 2

MTH302 - Business Mathematics and Statistics - Q.No. 9
A businessman pays an amount of Rs. 3000 to purchase for certain item and sells it at Rs. 3750. Then Mark up rate of the businessman is?

> 32%
> 31%
> 30%
> ***25%***

MTH302 - Business Mathematics and Statistics - Q.No. 10
If P=principal,R=rate of intrest per annum, T=time in years and I=simple intrest then I=

P.R/T
PR/T*100
PRT/100
None of these

MTH302 - Business Mathematics and Statistics - Q.No. 1
If the basic salary of an employee is Rs.14,000 then the utility allowances are ....

Rs.1400
Rs.700
Rs.350
None of these

MTH302 - Business Mathematics and Statistics - Q.No. 2
If the basic salary of an employee is Rs.14,000 ,then his/her house rent allowance is.........

Rs.4500
Rs.5600
Rs.6300
None of these

MTH302 - Business Mathematics and Statistics - Q.No. 3
For a product, if its list price is Rs.500 at the discount rate of 25% then its net cost price is

Rs.375
Rs.125
Rs.625
Rs.525

MTH302 - Business Mathematics and Statistics - Q.No. 4
The value of unknown x in the proportion 2x : 2 = (x+1) : 5 is

1/4
1/2
4
5/2

MTH302 - Business Mathematics and Statistics - Q.No. 5
The value of $(25)^{-1/2}$ is....

0.5
0.4
0.3
0.2

MTH302 - Business Mathematics and Statistics - Q.No. 6
Invoice was dated December 1st. The terms 3/15 mean that 3% discount is offered if invoice is paid up to 15th December. What is the net payment for invoice value of Rs. 35,000 if paid up to 15th December

Rs. 34950
Rs. 33950
Rs. 32950
Rs. 31950

MTH302 - Business Mathematics and Statistics - Q.No. 7
For Rs. 1630 you can purchase a 7-year ordinary annuity that will pay you a yearly payment of Rs. 430 for 7 years. The compound annual interest rate implied by this arrangement is closest to

8%
10%
9%
11%

MTH302 - Business Mathematics and Statistics - Q.No. 8
If the order of a matrix A is 3X3,what shall be order of its inverse?

2X2
3X3
2X3
none of these

MTH302 - Business Mathematics and Statistics - Q.No. 9
The salary of an employee is as follows: Basic salary = 20,000 Rs. Allowances = 5,000 Rs. What is the cost on account of casual leaves per year if normal working days per month is 22?

6818.1Rs.
20454.5Rs.
13636.4Rs.
34090.9Rs. www.vuzs.info

MTH302 - Business Mathematics and Statistics - Q.No. (http://www.vuzs.info)10
The rate at which the calculations are made is called

Discount factor
Discount Rate
Discount Value
Non

MTH302 - Business Mathematics and Statistics - Q.
1-The unknown value in the proportion: 2: x = 3: 9, is ….

5
6
7
8

MTH302 - Business Mathematics and Statistics - Q.2In 3 years you are to receive Rs. 8,000. If the interest rate were to suddenly increase, the present value of that future amount to you would

fall
rise
remain unchanged.
cannot be determined without more information

MTH302 - Business Mathematics and Statistics - Q.3-
15% of the price of a shirt is increased. (http://www.vuzs.info) If the change in the price of the shirt is Rs 25, what is the original price?

Rs 150.5
Rs 166.7
Rs 175.5
Rs 180.5

MTH302 - Business Mathematics and Statistics - Q.4-
Tanveer's flower business sells floral arrangements for Rs.35.To make his desired profit; Tanveer needs a 40% markup on selling price. What do floral arrangements cost Tanveer?

Rs.21
Rs.30
Rs.25
None of these

MTH302 - Business Mathematics and Statistics - Q.5-
How many basic mathematical operations are used?

2

3
4
5

6-Harry made $16,000 last year at his job. He paid 11% in income tax. How much was his tax?

176
16011
1760
4500

7-If I is the identity matrix of dimension 10 then how many rows and columns a matrix A may have provided that IA = A

10 number of rows & arbitrary number of columns
arbitrary no. of rows & columns
Strictly '10' no of rows & '10' no of columns
10' no. of columns & arbitrary no. of rows

8-A Range which starts from A1 and ends at D15 is referenced by...

A1:D15
D15:A1
both (i)&(ii)
none

9-What is the formula for money accrued after n years.

S= P(1+r*100)^n
S=P(1+r/100)^n
S= P(1+100/r)^n
None of these

10-Returns the interest payment for an investment for a given period?

ISPMT
NPER
IPMT
None of these.