

- A = Rs. 5000 ; N = 31; i = 7%
   A = Rs. 5000 ; N = 30; i = 7%
- A = Rs. 5000 ; N = 30; i = 6.9%
- d) A = Rs. 5000 ; N = 31; i = 6.9%

No, the answer is incorrect. Score: 0 Accepted Answers:

A = Rs. 5000 ; N = 31; i = 7%

4) Pooja International is paying a third party, in exchange for the rights to a key patent. The first **2** points payment will be Rs.5,000 and is to be made in exactly one year, with subsequent payments growing at a rate of 7.5 percent annually. If Pooja international paid amount once a year in perpetuity, then third party able to secure a 10 percent annual rate of return on the payment. How much amount the company hat to invest today?

	$\bigcirc$	Rs.	50.	000
--	------------	-----	-----	-----

- Rs. 2,50,000
- Rs. 1,00,000
- None of these

## No, the answer is incorrect. Score: 0

Accepted Answers: None of these

5) Dividend of a company A's stock is expected to increase at the rate of 0.5% and the rate of **1** *point* return of stock is 7.5% annually. Stock is paying dividend of Rs.200 annually. Find out the present worth of stock?

No, the answer is incorrect. Score: 0		
$\bigcirc$	Rs. 8257.14	
$\bigcirc$	Rs. 2800.00	
$\bigcirc$	Rs. 2857.14	
$\bigcirc$	Rs .2875.14	

Accepted Answers: Rs. 2857.14

6) Find the payment necessary to amortize a loan of ₹10,800 at nominal interest rate of 14%, if **1 point** there are to be 36 monthly payments.

₹396.21
₹421.32
₹216.32
₹369.12

No, the answer is incorrect. Score: 0

Accepted Answers: ₹369.12

7) A debt of Rs.10,000 is amortize in 21 equal monthly payments of Rs.534.973 at 13% **2 points** annual interest on remaining principal. What is the unpaid balance after third payment?

Rs.8706.24

Rs.9142.15

Rs.8210.85

Rs.8596.21

No, the answer is incorrect. Score: 0 Accepted Answers:

Rs.8706.24

8) Common data for question 8 &question 9:-

1 point

> D in

John bought a pent house at the cost of Rs.50,00,000. He put 25% down payment and went to a finance company for a simple interest amortized loan for balance at 6.75 % annual interest rate for 30 years. The

## Time value of money-Concepts and Calculations - - Unit 4 - Week 3

loan was approved on the condition that all the monthly payments including home loan should not exceeding 36% of John's monthly income.

What should be John's monthly income to qualify the loan? (Assume no monthly payment other than home loan).

Rs.57,662.36
 Rs.66,972.73
 Rs.67,562.31

Rs.65,578.95

No, the answer is incorrect. Score: 0

Accepted Answers: Rs.67,562.31

<sup>9)</sup> What is the balance due at the end 121<sup>th</sup> installment?

- Rs.37,43,524.48
- Rs. 31,98,787.23
- Rs.37,46,771.32
- Rs.31,92,457.98

No, the answer is incorrect. Score: 0

Accepted Answers: Rs.31,92,457.98

10)Assume that Mr.Jai have taken out an amortized loan for ₹30,000 from a bank to buy a **1** point sports bike. The annual interest rate charged on due balance by bank is 14% and time period of loan is 4 years. What is your monthly payment?

No, the answer is incorrect. Score: 0		
$\bigcirc$	₹765.23	
$\bigcirc$	₹860.45	
$\bigcirc$	₹819.794	
$\bigcirc$	₹719.564	

Accepted Answers: ₹819.794

**Previous Page** 

End

f y b 3 pol

© 2014 NPTEL - Privacy & Terms - Honor Code - FAQs -





In association with

## 22/07/2020

## Funded by

Government of India Ministry of Human Resource Development Time value of money-Concepts and Calculations - - Unit 4 - Week 3

Powered by



