## Unit 4 - UNIT-3 (Week 3)

## Course <br> outline

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## Assignment 3

The due date for submitting this assignment has passed. Due on 2018-02-28, 11:59 IS ${ }^{\top}$ As per our records you have not submitted this assignment.

The element which is not involved while calculating equivalence of sums of money $\mathbf{1}$ point is

Amount of sums

Times of occurrence of sum

Interest rate

Type of investment
No, the answer is incorrect.
Score: 0
Accepted Answers:
Type of investment
F8) the following series of deposits, total balance at the end of 10 years at interest 1 point rate of $10 \%$ compounded annually will be Rupees

| End of period | Amount of deposit |
| :---: | :---: |
| 0 | 4000 |
| $1-9$ | 7500 |
| 10 | 0 |

Cash Flow Diagram


$\bigcirc$
111308

122403

124803

127803
No, the answer is incorrect.
Score: 0
Accepted Answers:
122403
TBie present worth of following series of cash flow of an interest rate of $10 \% \mathbf{1}$ point compounded annually will be:

| End of Year | Net cash flow |
| :---: | :---: |
| 1 | 55000 |
| 2 | 60500 |
| 3 | 0 |
| 4 | 73205 |

135000

150000

140000

155000
No, the answer is incorrect.
Score: 0

## Accepted Answers:

150000
A4\$eries of equal quarterly deposits of Rs 20000 extends over a period of 3 years. 1 point The future worth of this deposit series at $9 \%$ interest compounded monthly will be Rupees

250780

258572

300528

272294
No, the answer is incorrect.
Score: 0

## Accepted Answers:

272294
A5hong the following two mutually exclusive projects, the recommended project at 1 pr in interest rate of $12 \%$ compounded annually will be

| End of year | Net cash flow, Project A | Net cash flow, Project B |
| :---: | :---: | :---: |
| 0 | -50000 | -105000 |
| 1 | 23750 | 45750 |
| 2 | 23750 | 45750 |
| 3 | 23750 | 45750 |

## Project A

## Project B

Either A or B

## None

No, the answer is incorrect.
Score: 0

## Accepted Answers:

Project $A$
Thie capitalized equivalent amount for following cash flow series at interest rate of
1 point $10 \%$ will be Rupees


73810

79280

84760

65260
No, the answer is incorrect.
Score: 0

## Accepted Answers:

$$
73810
$$

FBr the following series of cash flow, what should be the value of P so that the balance amount at the end of year 10 is zero? Rate of interest is $10 \%$ compounded annually.

Cash Flow Diagram


| End of period | Deposit | Withdrawal |
| :---: | :---: | :---: |
| 0 | P |  |
| $1-6$ |  | 40000 |
| 7 | 20000 |  |
| $8-10$ |  | 40000 |

Rs 202968

Rs 214988

Rs 189368

Rs 222130
No, the answer is incorrect.
Score: 0

## Accepted Answers:

Rs 214988
TBie value of C which will make the two cash flow equivalents at interest rate of
1 point $10 \%$ compounded annually is

Cash Flow Diagram


Rs 7531

Rs 8026

Rs 8926

Rs 7002
No, the answer is incorrect.
Score: 0

## Accepted Answers:

Rs 8026
C ${ }^{2}$ rtain operating savings are expected to be 0 at the end of the first six months, to $\mathbf{1}$ point be Rs 1,000 at the end of the second six months, and to increase by Rs 1,000 at the end of each six month period thereafter for a total of four years. If the nominal interest rate is $20 \%$ compounded semiannually, the equivalent uniform amount, A , at the end of each of the eight six-month periods will be

Rs. 2,890

Rs. 3,004

Rs. 2,530

Rs. 3,560
No, the answer is incorrect.
Score: 0

## Accepted Answers:

Rs. 3,004
A10asset has first cost of Rs 5000 and has estimated service life of 5 years. The 1 point salvage value at the end of its life is Rs 1000 . For an interest rate of $10 \%$ compounded annually, the capital recovery with return (per year) is Rupees
1450.00

No, the answer is incorrect.
Score: 0
Accepted Answers:
1155.20

Previous Page

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