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|  | The banker's discount on a bill due 4 months hence at 15% is Rs. 420. The true discount is: |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Rs. 400 | | [B.](javascript:%20void%200;) | Rs. 360 | | [C.](javascript:%20void%200;) | Rs. 480 | | [D.](javascript:%20void%200;) | Rs. 320 |   Answer: Option A  Explanation:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | T.D. | |  |  | | --- | --- | | = | B.D. x 100 | | 100 + (R x T) | | |  | |  |  |  |  | | --- | --- | --- | --- | | = Rs. | https://www.indiabix.com/_files/images/aptitude/1-sym-obracket-h3.gif | 420 x 100 | https://www.indiabix.com/_files/images/aptitude/1-sym-cbracket-h3.gif | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 100 + | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | 15 x | 1 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gif | | 3 | | | |  | |  |  |  |  | | --- | --- | --- | --- | | = Rs. | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | 420 x 100 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gif | | 105 | | |  | = Rs. 400. | |

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| 2. | The banker's discount on Rs. 1600 at 15% per annum is the same as true discount on Rs. 1680 for the same time and at the same rate. The time is: |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | 3 months | | [B.](javascript:%20void%200;) | 4 months | | [C.](javascript:%20void%200;) | 6 months | | [D.](javascript:%20void%200;) | 8 months |   Answer: Option B  Explanation:  S.I. on Rs. 1600 = T.D. on Rs. 1680.  https://www.indiabix.com/_files/images/aptitude/1-sym-tfr.gifRs. 1600 is the P.W. of Rs. 1680, *i.e.,* Rs. 80 is on Rs. 1600 at 15%.   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | https://www.indiabix.com/_files/images/aptitude/1-sym-tfr.gifTime = | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | 100 x 80 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gifyear | = | 1 | year = 4 months. | | 1600 x 15 | 3 | |

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| 3. | The banker's gain of a certain sum due 2 years hence at 10% per annum is Rs. 24. The present worth is: |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Rs. 480 | | [B.](javascript:%20void%200;) | Rs. 520 | | [C.](javascript:%20void%200;) | Rs. 600 | | [D.](javascript:%20void%200;) | Rs. 960 |   Answer: Option C  Explanation:   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | T.D. = | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | B.G. x 100 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gif | = Rs. | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | 24 x 100 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gif | = Rs. 120. | | Rate x Time | 10 x 2 |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | https://www.indiabix.com/_files/images/aptitude/1-sym-tfr.gifP.W. = | 100 x T.D. | = Rs. | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | 100 x 120 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gif | = Rs. 600. | | Rate x Time | 10 x 2 | |

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| 4. | The banker's discount on a sum of money for 1https://www.indiabix.com/_files/images/aptitude/1-div-1by2.gif years is Rs. 558 and the true discount on the same sum for 2 years is Rs. 600. The rate percent is: |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | 10% | | [B.](javascript:%20void%200;) | 13% | | [C.](javascript:%20void%200;) | 12% | | [D.](javascript:%20void%200;) | 15% | |

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| 5. | The banker's gain on a sum due 3 years hence at 12% per annum is Rs. 270. The banker's discount is: |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Rs. 960 | | [B.](javascript:%20void%200;) | Rs. 840 | | [C.](javascript:%20void%200;) | Rs. 1020 | | [D.](javascript:%20void%200;) | Rs. 760 |   Answer: Option C  Explanation:   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | T.D. = | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | B.G. x 100 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gif | = Rs. | https://www.indiabix.com/_files/images/aptitude/1-sym-oparen-h1.gif | 270 x 100 | https://www.indiabix.com/_files/images/aptitude/1-sym-cparen-h1.gif | = Rs. 750. | | R x T | 12 x 3 |   https://www.indiabix.com/_files/images/aptitude/1-sym-tfr.gifB.D. = Rs.(750 + 270) = Rs. 1020. |