

Practice Questions on Profit Loss for Quantitative Techniques of CLAT

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Practice Questions on Profit Loss for Quantitative Techniques of CLAT

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.docxpressoPlugin { font-size: 83.35%; } .h5p_layout { box-sizing: content-box !important; }
.h5p_layout *{ float: none; text-align: initial; box-sizing: border-box; } /*to make sure that floating
elements are always inside the document bounds*/ .h5p_layout:after { content: " "; display: block;
height: 0; clear: both; visibility: hidden; } /* a default layout for documents without maste styles */
.h5p_default_layout { margin-top: 3.6rem; margin-left: 8.50464rem; margin-bottom: 3.6rem;
margin-right: 8.50464rem; writing-mode: lr-tb; } /*hack for IE */ wbr:after { content: "\00200B"; }
/*hack to get some extra top margin for anchors if needed*/ .h5p_layout span[id^="_Toc"]{
padding-top: 10px; margin-top: -10px; } /* Remove unwanted numbering styles */ .h5p_layout
.removeNumbering:before{ content: initial !important; display: none; all: initial !important; } /*
give zero default top and bottom paddings for paragraphs*/ .h5p_layout p { color: #000000; line-
height: 1; margin-top: 0; margin-bottom: 0; } .h5p_layout span { color: #000000; font-weight:
normal; } .h5p_layout span.dropcap { color: inherit; font-family: inherit !important; } .h5p_layout
h1, .h5p_layout h2, .h5p_layout h3, .h5p_layout h4, .h5p_layout h5, .h5p_layout h6 { margin-top:
0; margin-bottom: 0; font-family: inherit; font-weight: 500; line-height: 1; color: inherit; } /* give
zero default top and bottom paddings for paragraphs in tables*/ .h5p_layout table p { margin-top:
0; margin-bottom: 0; } .h5p_layout ul, .h5p_layout ol { list-style-type: none; margin-top: 0; margin-
bottom: 0.5em; padding-left: 0; } .h5p_layout ul li, .h5p_layout ol li { list-style-type: none; margin-
top: 0; margin-bottom: 0.5em; } .h5p_layout li p { margin-top: 0; margin-bottom: 0; } .h5p_layout
table { border: none; } .h5p_layout td { vertical-align: top; border: none; } .h5p_layout th {
vertical-align: top; border: none; } .h5p_layout div { margin-bottom: 10pt; } .h5p_layout img {
margin: 0; padding: 0; } .h5p_layout ul ul { margin-top: 0; margin-bottom: 0; } .h5p_layout li {
margin-top: 0; margin-bottom: 0; list-style-type: none !important; } .h5p_layout ul, .h5p_layout ol {
list-style-type: none !important; } .h5p_layout td[data-sorting] p:before, .h5p_layout th[data-
sorting] p:before { content: ' '; padding-right: 16px; background:
url()
;
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background-position: left center; background-repeat: no-repeat; } .sortDecorator { border-bottom:
3px solid #b70000 !important; } /* This is a spacial class designed to remove unwanted bullets
when a li has ul as its first child*/ .h5p_layout .removeBullet:before { content: none !important; }
/*responsive tables*/ .h5p_layout div.dxoResponsiveTable{ margin: 0 !important; padding: 0
!important; overflow-x: auto !important; overflow-y: hidden; } /* chart tooltips */ .c3-tooltip-
container td.name { white-space: nowrap; } /* External services*/ .h5p_layout iframe { resize:
vertical; border: 1px solid #fff; } .h5p_layout div.youtube { position:relative; padding-
bottom:56.25%; height:0; overflow:hidden; background-color: transparent; } .h5p_layout
div.youtube iframe { resize: none; position:absolute; top:0; left:0; width:100%; height:100%; }
div#h5p_6a7c06a3ae138 ul.LFO1 {counter-reset: ulLFO1_1;margin-left: 0;padding: 0; list-style-
type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 ul {counter-reset:
ulLFO1_2;margin-left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c06a3ae138 ul.LFO1 li {text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;}
div#h5p_6a7c06a3ae138 ul.LFO1 li:before {counter-increment: ulLFO1_1;content:
counter(ulLFO1_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138
ul.LFO1 ul ul {counter-reset: ulLFO1_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-
size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li {text-indent: -0.25in;margin-left: 72pt;font-
size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li:before {counter-increment:
ulLFO1_2;content: counter(ulLFO1_2, lower-latin) ". ";margin-left: -0.25in;display: table-cell;}
div#h5p_6a7c06a3ae138 ul.LFO1 ul ul ul {counter-reset: ulLFO1_4;margin-left: -1.375in;padding:
0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li {text-indent:
-0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li:before
{counter-increment: ulLFO1_3;content: counter(ulLFO1_3, lower-roman) ". ";margin-left: -
0.125in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO1 ul ul ul ul {counter-reset:
ulLFO1_5;margin-left: -1.75in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size:
11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li:before {counter-increment:
ulLFO1_4;content: counter(ulLFO1_4, decimal) ". ";margin-left: -0.25in;display: table-cell;}
div#h5p_6a7c06a3ae138 ul.LFO1 ul ul ul ul ul {counter-reset: ulLFO1_6;margin-left: -
2.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul
li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c06a3ae138
ul.LFO1 li ul li ul li ul li ul li:before {counter-increment: ulLFO1_5;content: counter(ulLFO1_5,
lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO1 ul ul ul
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ul ul ul {counter-reset: ulLFO1_7;margin-left: -2.875in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 216pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_6;content: counter(ulLFO1_6, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO1 ul ul ul ul ul ul ul {counter-reset: ulLFO1_8;margin-left: -3.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 252pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_7;content: counter(ulLFO1_7, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO1 ul ul ul ul ul ul ul ul {counter-reset: ulLFO1_9;margin-left: -3.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 288pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_8;content: counter(ulLFO1_8, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO1 ul ul ul ul ul ul ul ul ul {counter-reset: ulLFO1_10;margin-left: -4.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 324pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_9;content: counter(ulLFO1_9, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 {counter-reset: ulLFO2_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 ul {counter-reset: ulLFO2_2;margin-left: -0.5in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li {text-indent: -0.25in;margin-left: 54pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li:before {counter-increment: ulLFO2_1;content: counter(ulLFO2_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul {counter-reset: ulLFO2_3;margin-left: -1in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li {text-indent: -0.25in;margin-left: 90pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li:before {counter-increment: ulLFO2_2;content: counter(ulLFO2_2, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul ul {counter-reset: ulLFO2_4;margin-left: -1.625in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li {text-indent: -0.125in;margin-left: 126pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li:before {counter-increment: ulLFO2_3;content: counter(ulLFO2_3, lower-roman) ". ";margin-left: -

0.125in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul ul ul {counter-reset: ulLFO2_5;margin-left: -2in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li {text-indent: -0.25in;margin-left: 162pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li:before {counter-increment: ulLFO2_4;content: counter(ulLFO2_4, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul ul ul ul {counter-reset: ulLFO2_6;margin-left: -2.5in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 198pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li:before {counter-increment: ulLFO2_5;content: counter(ulLFO2_5, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul ul ul ul ul {counter-reset: ulLFO2_7;margin-left: -3.125in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 234pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_6;content: counter(ulLFO2_6, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul ul ul ul ul ul {counter-reset: ulLFO2_8;margin-left: -3.5in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 270pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_7;content: counter(ulLFO2_7, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_9;margin-left: -4in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 306pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_8;content: counter(ulLFO2_8, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06a3ae138 ul.LFO2 ul ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_10;margin-left: -4.625in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 342pt;font-size: 11pt;} div#h5p_6a7c06a3ae138 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_9;content: counter(ulLFO2_9, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c06a3ae138 p.P1 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #5B9BD5 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0in !important;padding-bottom: 0.0555in !important;padding-right: 0in !important;margin-bottom:

0.2083in !important;line-height: 1 !important;break-before: page !important;text-align: center !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P1 span {hyphenate: false;font-family: Calibri Light;color: #323E4F;letter-spacing: 0.0034in;font-size: 26pt;hyphenate: false;font-weight: bold;} div#h5p_6a7c06a3ae138 p.P2 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P2 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P3 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P3 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P4 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P4 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P5 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P5 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P6 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P6 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P7 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P7 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P8 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P8 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P9 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P9 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P10 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P10 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P11 {margin-left: 0.5in !important;border: 1px solid #000000 !important;padding-top: 0.0138in !important;padding-left: 0.0555in !important;padding-bottom: 0.0138in !important;padding-right: 0.0555in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P11 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138

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p.P12 {margin-left: 0.5in !important;border: 1px solid #000000 !important;padding-top: 0.0138in !important;padding-left: 0.0555in !important;padding-bottom: 0.0138in !important;padding-right: 0.0555in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c06a3ae138 p.P12 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P13 {margin-left: 0.5in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P13 span {hyphenate: false;hyphenate: false;font-weight: bold;text-decoration: single;text-decoration: underline;text-decoration-style: solid;font-size: 11pt;}
div#h5p_6a7c06a3ae138 p.P14 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P14 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c06a3ae138 p.P15 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.75in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P15 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c06a3ae138 p.P16 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.75in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P16 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c06a3ae138 p.P17 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.75in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P17 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c06a3ae138 p.P18 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.75in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P18 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c06a3ae138 p.P19 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.75in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P19 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c06a3ae138 p.P20 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.75in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P20 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c06a3ae138 p.P21 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.75in !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P21 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c06a3ae138 p.P22 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c06a3ae138 p.P22 span {hyphenate:
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Practice Questions on Profit Loss for Quantitative Techniques of CLAT

If Trikota Sales and Services marked an AC at Rs. 50000 and sold it at a 10% discount whereas Shastri Sales and Services marked it at Rs. X and sold it at the same Price as Trikota but at 20% discount, find the marked Price by Shastri Sales and Services?

If a shopkeepers mixes 20 L of Oil A bought at Rs. 600 per litre with 50 L of Oil B bought at Rs. 100 per Litre and sells the mixture at Rs. 300 per litre, calculate the profit or loss percentage.

Rahul bought a scooter for Rs. 40000 and sold it to Sonu at Rs. 45000. The very next day, Sonu sold that scooter to Rashi at Rs. 60000. Find the difference between percentage profit Rahul got and percentage profit Rahul would have got if he would have sold it directly to Rashi.

On a limited edition watch marked at Rs. 180000, Myntra offers 20% discount and Jabong offers 35% discount. Calculate the difference in selling Price.

84 bananas are bought for Rs. 240 and 36 bananas are sold for Rs. 180. Find the profit/ loss incurred on 9 dozen bananas.

A gave Rs. 8000 to B and 6000 to C to invest. If B incurred a loss of 10% and C gained a profit of 15%, calculate the overall profit/ loss.

A dress was bought at Rs. 7000 and then it accessories were bought for Rs. 3000. If the entire combo is sold at Rs. 8500, calculate the loss percentage.

Arushi bought a camera for Rs. 19000. Calculate the cost price for the shopkeeper if the shopkeeper sold it at a profit of 25%.

If the caterers charge one plate @ Rs. 1500 which is 50% more than the cost incurred, calculate the profit earned on 500 plates.

DO IT YOURSELF

Shop A marks a product at Rs. 500 and Shop B marks the same product at Rs. 800. If shop B is offering a discount of 40% and both the shops sell it at the same price, calculate the discount offered by shop A.

ANSWERS WITH EXPLANATIONS

Selling price at Trikota Sales = 50000 - (10/100)*50000 = Rs. 45000

Selling Price at Shastri Sales = X - (20/100)*X

45000 = X - (X/5)

45000 = 4X/5

X = (45000* 5)/4 = Rs. 56250

Cost Price of the mixture = (20*600)+(50*100) = 12000 + 5000 = 17000

Selling Price = 300*70 = Rs. 21000

Profit percentage = [(21000- 17000)/17000] * 100 = (4000/ 17000)*100 = 23.5%

Profit earned by Rahul = [(45000- 40000)/40000] *100 = (5000/ 40000)*100 = 12.5%

Profit Rahul could hve earned = [(60000- 40000)/ 40000] *100 = 50%

Required Difference = 50 - 12.5% = 37.5 %

Selling Price at Myntra = 180000 -

$(20/100) \times 180000 = 180000 - 36000 = \text{Rs. } 144000$
 Selling Price at Jabong = $180000 - (35/100) \times 180000 = 180000 - 63000 = \text{Rs. } 117000$
 Required Difference = $144000 - 117000 = \text{Rs. } 27000$
 84 bananas = $84/12 = 7$ dozen
 Cost Price of one dozen bananas = $240/7 = \text{Rs. } 34.2 = \text{Rs. } 34$ (approx.)
 36 bananas = $36/12 = 3$ dozen
 Selling Price of one dozen bananas = $180/3 = \text{Rs. } 60$
 Profit on one dozen banana = $(60 - 34) = \text{Rs. } 26$
 Profit on nine dozen banana = $26 \times 9 = \text{Rs. } 234$
 Money left with B = $8000 - (10/100) \times 8000 = 8000 - 800 = \text{Rs. } 7200$
 Money left with C = $6000 + (15/100) \times 6000 = 6000 + 900 = \text{Rs. } 6900$
 Profit percentage = $[(14100 - 14000)/14000] \times 100 = 0.71\%$
 Cost price of Combo = $7000 + 3000 = \text{Rs. } 10000$
 Loss percentage = $(1500/10000) \times 100 = 15\%$
 Let the cost Price be X.
 $19000 = x + (25/100) \times x$
 $19000 = x + x/4$
 $19000 = 5x/4$
 $X = (19000 \times 4)/5 = \text{Rs. } 15200$
 Let the cost incurred be Rs. X.
 $1500 = x + (50/100) \times x$
 $1500 = x + x/2$
 $1500 = 3x/2$
 $x = (1500 \times 2)/3 = 1000$
 Profit earned on one plate = $1500 - 1000 = \text{Rs. } 500$
 Therefore, profit earned on 500 plates = $500 \times 500 = \text{Rs. } 250000$

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(function( $ ) {
//footnotes $('defaultNote').children(":first").css('cursor', 'pointer');
$('defaultNote').children(":first").click(function(){ var gotoID = '#' + $(this).parent().attr('id');
$('html, body').animate( { scrollTop: $('a[href="' + gotoID + '"').offset().top - 60, }, 250, 'linear' )
}); }(jQuery));
var numFormat = ",";
(function( $ ) { "use strict";
//do some cleaning on load
var sortCells = $('td[data-sorting], th[data-sorting]');
sortCells.each(function(){ var first = $(this).text().trim().charAt(0);
if (first == '@'){ var oldHTML = $(this).html(); var newHTML = oldHTML.replace('@', '');
$(this).html(newHTML); } });
function sortingTable(node, pos, orderBy){ var rows = node.children('tbody').children('tr').get();
rows.sort(function(a, b) { var X = $(a).children('td').eq(pos).text().toUpperCase();
var Y = $(b).children('td').eq(pos).text().toUpperCase();
if (numFormat != ',.'){ //we are dealing with a different locale and we need to do some transformation in numbers
X = convert2number(X); Y = convert2number(Y); }
else { X = X.replace(/,/g, ""); Y = Y.replace(/,/g, ""); }
var currencies = ['$','¥','£','€'];
var arrayLength = currencies.length;
var XX = X; var YY = Y;
for (var i = 0; i < arrayLength; i++) { XX = XX.replace(currencies[i], ""); YY = YY.replace(currencies[i], ""); }
if (!isNaN(XX) && !isNaN(YY)){ var floatXX = parseFloat(XX); var floatYY = parseFloat(YY);
return -(floatYY - floatXX) * orderBy; }
else if (!isNaN(XX) && isNaN(YY)){ return -1 * orderBy; }
else if (isNaN(XX) && !isNaN(YY)){ return orderBy; }
else { if(X < Y) { return -1 * orderBy; }
if(X > Y) { return 1 * orderBy; }
return 0; } });
$.each(rows, function(index, row) {

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node.children('tbody').append(row); }); } function removeTableCellDecoration() { $("td[data-sorting], th[data-sorting]").removeClass('sortDecorator'); } //unbind the click event just in case we are loading more than one document $("td[data-sorting], th[data-sorting]").off('click'); $("td[data-sorting], th[data-sorting]").click(function() { removeTableCellDecoration(); $(this).addClass('sortDecorator'); //get desired ordering var ordering = $(this).attr('data-sortOrdering'); if (ordering == 'ASC'){ var ordBy = -1; $(this).attr('data-sortOrdering', 'DESC'); } else { var ordBy = 1; $(this).attr('data-sortOrdering', 'ASC'); } var cellPosition = $(this).prevAll().length; var table = $(this).parents('table:first'); sortingTable(table, cellPosition, ordBy); }); function convert2number(str) { str = str.trim(); if (str.match(/^\d+/)) { //we have to take special care when the thousand separators are '.' var result_0 = str.replace(/./g, '_@_'); var result_1 = result_0.replace(window.numFormat[0], '.'); var result = result_1.replace(/_@_/g, ''); result .replace(/ /g, ""); return result; } else { return str; } } }(jQuery));
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