

Practice Questions on Profit and Loss for CLAT 2022

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Questions for Practice on Profit and Loss for CLAT 2022 Quantitative Techniques.

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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_6a7c05da980bf ul.LFO1 {counter-reset: ulLFO1_1;margin-left: 0;padding: 0; list-style-
type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO1 ul {counter-reset: ulLFO1_2;margin-
left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO1 li
{text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO1 li:before
{counter-increment: ulLFO1_1;content: counter(ulLFO1_1, decimal) ". ";margin-left: -
0.25in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO1 ul ul {counter-reset:
ulLFO1_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c05da980bf ul.LFO1 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;}
div#h5p_6a7c05da980bf 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_6a7c05da980bf ul.LFO1 ul ul ul {counter-reset: ulLFO1_4;margin-left: -1.375in;padding:
0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO1 li ul li ul li {text-indent: -
0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf ul.LFO1 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size:
11pt;} div#h5p_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf ul.LFO1 li ul li ul
li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c05da980bf
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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf ul.LFO2 {margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 ul {margin-left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li {text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li:before {font-family: Symbol !important;content: "\2022";font-family: Verdana;counter-increment: ulLFO2_1;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul {margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li:before {font-family: Courier New !important;content: "o";counter-increment: ulLFO2_2;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul ul {margin-left: -1.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li {text-indent: -0.25in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li:before {font-family: Wingdings !important;content: "\25aa";counter-increment: ulLFO2_3;margin-left: -0.25in;display:
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table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul ul ul {margin-left: -1.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li:before {font-family: Symbol !important;content: "\2022";font-family: Verdana;counter-increment: ulLFO2_4;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul ul ul ul {margin-left: -2.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li:before {font-family: Courier New !important;content: "o";counter-increment: ulLFO2_5;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul ul ul ul {margin-left: -2.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 216pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li ul li:before {font-family: Wingdings !important;content: "\25aa";counter-increment: ulLFO2_6;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul ul ul ul ul ul {margin-left: -3.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 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_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li ul li ul li:before {font-family: Symbol !important;content: "\2022";font-family: Verdana;counter-increment: ulLFO2_7;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul ul ul ul ul ul ul ul {margin-left: -3.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 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_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li:before {font-family: Courier New !important;content: "o";counter-increment: ulLFO2_8;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO2 ul ul ul ul ul ul ul ul ul ul ul {margin-left: -4.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 324pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li ul li:before {font-family: Wingdings !important;content: "\25aa";counter-increment: ulLFO2_9;margin-left: -0.25in;display: table-cell;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO3 {counter-reset: ulLFO3_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li {counter-reset: ulLFO3_2;margin-left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li {text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;}

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div#h5p_6a7c05da980bf ul.LFO3 li:before {counter-increment: ulLFO3_1;content:
counter(ulLFO3_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c05da980bf
ul.LFO3 ul ul {counter-reset: ulLFO3_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-
size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li {text-indent: -0.25in;margin-left: 72pt;font-
size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li:before {counter-increment:
ulLFO3_2;content: counter(ulLFO3_2, lower-latin) ". ";margin-left: -0.25in;display: table-cell;}
div#h5p_6a7c05da980bf ul.LFO3 ul ul ul {counter-reset: ulLFO3_4;margin-left: -1.375in;padding:
0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li ul li {text-indent: -
0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li ul li:before
{counter-increment: ulLFO3_3;content: counter(ulLFO3_3, lower-roman) ". ";margin-left: -
0.125in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO3 ul ul ul ul {counter-reset:
ulLFO3_5;margin-left: -1.75in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c05da980bf ul.LFO3 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size:
11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li ul li ul li:before {counter-increment:
ulLFO3_4;content: counter(ulLFO3_4, decimal) ". ";margin-left: -0.25in;display: table-cell;}
div#h5p_6a7c05da980bf ul.LFO3 ul ul ul ul ul {counter-reset: ulLFO3_6;margin-left: -
2.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li ul
li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c05da980bf
ul.LFO3 li ul li ul li ul li ul li:before {counter-increment: ulLFO3_5;content: counter(ulLFO3_5,
lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO3 ul ul ul
ul ul ul {counter-reset: ulLFO3_7;margin-left: -2.875in;padding: 0; list-style-type: none;font-size:
11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-
left: 216pt;font-size: 11pt;} div#h5p_6a7c05da980bf ul.LFO3 li ul li ul li ul li ul li ul li:before
{counter-increment: ulLFO3_6;content: counter(ulLFO3_6, lower-roman) ". ";margin-left: -
0.125in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO3 ul ul ul ul ul ul ul {counter-reset:
ulLFO3_8;margin-left: -3.25in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c05da980bf ul.LFO3 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_6a7c05da980bf ul.LFO3 li ul li ul li ul li ul li ul li ul li:before
{counter-increment: ulLFO3_7;content: counter(ulLFO3_7, decimal) ". ";margin-left: -
0.25in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO3 ul ul ul ul ul ul ul ul {counter-reset:
ulLFO3_9;margin-left: -3.75in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c05da980bf ul.LFO3 li ul 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_6a7c05da980bf ul.LFO3 li ul li ul li ul li ul li ul li ul li ul
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[illegible]

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{counter-increment: ulLFO4_6;content: counter(ulLFO4_6, lower-roman) ". ";margin-left: -
0.125in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO4 ul ul ul ul ul ul ul {counter-reset:
ulLFO4_8;margin-left: -3.25in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c05da980bf ul.LFO4 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_6a7c05da980bf ul.LFO4 li ul li ul li ul li ul li ul li ul li:before
{counter-increment: ulLFO4_7;content: counter(ulLFO4_7, decimal) ". ";margin-left: -
0.25in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO4 ul ul ul ul ul ul ul ul {counter-reset:
ulLFO4_9;margin-left: -3.75in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c05da980bf ul.LFO4 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_6a7c05da980bf ul.LFO4 li ul li ul li ul li ul li ul li ul li ul
li:before {counter-increment: ulLFO4_8;content: counter(ulLFO4_8, lower-latin) ". ";margin-left: -
0.25in;display: table-cell;} div#h5p_6a7c05da980bf ul.LFO4 ul ul ul ul ul ul ul ul ul {counter-
reset: ulLFO4_10;margin-left: -4.375in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c05da980bf ul.LFO4 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_6a7c05da980bf ul.LFO4 li ul li ul li ul li ul li
ul li ul li ul li ul li ul li:before {counter-increment: ulLFO4_9;content: counter(ulLFO4_9, lower-roman)
". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c05da980bf 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_6a7c05da980bf 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_6a7c05da980bf p.P2 {margin-left: 0.5in !important;text-align: justify
!important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P2 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P3 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P3 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P4 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P4 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P5 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
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div#h5p_6a7c05da980bf p.P5 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P6 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P6 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P7 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P7 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P8 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P8 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P9 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P9 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P10 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P10 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P11 {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 !important;margin-left: 0.25in !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P11 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c05da980bf p.P12 {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;margin-left: 0.25in !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P12 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P13 {text-align: justify !important;line-height: 1.5 !important;margin-left: 0.25in !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P13 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P14 {text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P14 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P15 {text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P15 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;text-decoration: single;text-decoration: underline;text-decoration-style: solid;} div#h5p_6a7c05da980bf p.P16 {margin-left: 0.5in
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!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P16 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P17 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P17 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P18 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P18 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P19 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P19 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P20 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P20 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P21 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P21 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P22 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P22 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;text-
decoration: single;text-decoration: underline;text-decoration-style: solid;}
div#h5p_6a7c05da980bf p.P23 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P23 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P24 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P24 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P25 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P25 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P26 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P26 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P27 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P27 span {hyphenate:
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false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P28 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P28 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P29 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P29 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P30 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P30 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P31 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P31 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P32 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P32 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P33 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P33 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P34 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P34 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P35 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P35 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P36 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P36 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P37 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P37 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P38 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P38 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P39 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P39 span {hyphenate:

false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P40 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P40 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P41 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P41 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P42 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P42 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P43 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P43 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P44 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P44 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P45 {text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P45 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P46 {text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P46 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P47 {text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P47 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P48 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P48 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P49 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P49 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P50 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P50 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P51 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P51 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P52 {margin-left: 0.5in

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!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P52 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P53 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P53 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P54 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P54 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P55 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P55 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P56 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P56 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P57 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P57 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P58 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P58 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P59 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P59 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P60 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P60 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P61 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P61 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P62 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P62 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P63 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P63 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P64 {margin-left: 0.5in
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!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P64 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P65 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P65 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P66 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P66 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P67 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P67 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P68 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P68 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P69 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P69 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P70 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P70 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P71 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P71 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P72 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P72 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P73 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P73 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P74 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P74 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P75 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P75 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P76 {margin-left: 0.5in
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!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P76 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P77 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P77 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P78 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P78 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P79 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P79 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P80 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P80 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P81 {text-align: justify !important;line-height:
1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P81 span {hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P82 {text-align: justify
!important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P82 span
{hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P83
{text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P83 span {hyphenate: false;font-family: Times New Roman;font-size:
12pt;} div#h5p_6a7c05da980bf p.P84 {text-align: justify !important;line-height: 1.5
!important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P84 span {hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P85 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P85 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P86 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P86 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P87 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P87 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P88 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.P88 span {hyphenate: false;hyphenate: false;font-family:
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Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P89 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P89 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P90 {text-align: justify !important;line-height:
1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P90 span {hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P91 {margin-left: 0.5in
!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P91 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c05da980bf p.P92 {margin-left: 0.5in !important;text-align:
justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P92 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c05da980bf p.P93 {margin-left: 0.5in !important;text-align: justify !important;line-
height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c05da980bf p.P93 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c05da980bf
p.P94 {text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.P94 span {hyphenate: false;font-family: Times New Roman;font-size:
12pt;} div#h5p_6a7c05da980bf p.Normal {font-size: 11pt;} div#h5p_6a7c05da980bf p.Normal
span {hyphenate: false;font-size: 11pt;} div#h5p_6a7c05da980bf span.DefaultParagraphFont
{font-size: 11pt;} div#h5p_6a7c05da980bf p.ListParagraph {margin-left: 0.5in !important;font-
size: 11pt;} div#h5p_6a7c05da980bf p.ListParagraph span {hyphenate: false;hyphenate:
false;font-size: 11pt;} div#h5p_6a7c05da980bf p.NormalWeb {margin-top: 0.0694in
!important;margin-bottom: 0.0694in !important;line-height: 1 !important;font-size: 11pt;}
div#h5p_6a7c05da980bf p.NormalWeb span {hyphenate: false;font-family: Times New
Roman;font-size: 12pt;hyphenate: false;} div#h5p_6a7c05da980bf p.Title {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;font-size: 11pt;} div#h5p_6a7c05da980bf p.Title
span {hyphenate: false;font-family: Calibri Light;color: #323E4F;letter-spacing: 0.0034in;font-
size: 26pt;hyphenate: false;} div#h5p_6a7c05da980bf span.TitleChar {font-family: Calibri Light
!important;color: #323E4F !important;letter-spacing: 0.0034in !important;font-size: 26pt
!important;} div#h5p_6a7c05da980bf div {font-size: 11pt;} div#h5p_6a7c05da980bf
span.WW_CharLFO2LVL1 {font-family: Symbol !important;font-size: 11pt;}
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div#h5p_6a7c05da980bf span.WW_CharLFO2LVL2 {font-family: Courier New !important;font-size: 11pt;} div#h5p_6a7c05da980bf span.WW_CharLFO2LVL3 {font-family: Wingdings !important;font-size: 11pt;} div#h5p_6a7c05da980bf span.WW_CharLFO2LVL4 {font-family: Symbol !important;font-size: 11pt;} div#h5p_6a7c05da980bf span.WW_CharLFO2LVL5 {font-family: Courier New !important;font-size: 11pt;} div#h5p_6a7c05da980bf span.WW_CharLFO2LVL6 {font-family: Wingdings !important;font-size: 11pt;} div#h5p_6a7c05da980bf span.WW_CharLFO2LVL7 {font-family: Symbol !important;font-size: 11pt;} div#h5p_6a7c05da980bf span.WW_CharLFO2LVL8 {font-family: Courier New !important;font-size: 11pt;} div#h5p_6a7c05da980bf span.WW_CharLFO2LVL9 {font-family: Wingdings !important;font-size: 11pt;} div#h5p_6a7c05da980bf table {margin-left: 0in;border-collapse: collapse;writing-mode: lr-tb;font-size: 11pt;} div#h5p_6a7c05da980bf table tr {height: 0in;keep-together: auto;font-size: 11pt;} div#h5p_6a7c05da980bf table td, table th {background-color: transparent;vertical-align: top;wrap-option: wrap;font-size: 11pt;} div#h5p_6a7c05da980bf p {keep-with-next: auto;keep-together: auto;widows: 2;orphans: 2;break-before: auto;border: none;text-align: left;writing-mode: lr-tb;margin-bottom: 0.1111in;line-height: 1.07;background-color: transparent;font-size: 11pt;} div#h5p_6a7c05da980bf p span {font-family: Calibri;font-weight: normal;font-style: normal;text-transform: none;font-variant: normal;text-shadow: none;letter-spacing: normal;font-size: 11pt;background-color: transparent;text-decoration: none;text-decoration-color: font-color;language: en;country: IN;hyphenate: true;}
```

Questions for Practice on Profit and Loss for Quantitative Techniques

Aarush buys a Bluetooth speaker for Rs. 6500 and sells it at a loss of 15%. Calculate the selling price of the Bluetooth speaker?

If a shopkeeper bought a commodity for Rs. 500, at what price should he sell it as to make a profit of 35%?

If Suresh buys a truck for Rs. 50000 and spends 20000 on its repair and sells it for Rs. Rs. 53900. Find out the loss percent.

If by selling 50 pencils for Rs. 60, a man loses 25%. At what price these 50 pencils should be sold to gain 20% profit?

If pens were bought at the rate of 3 pens for Rs. 4 and then sold at the rate of 4 pens at Rs. 3, calculate the profit or loss percentage

Rahul mixes 25 kgs of sugar at Rs. 30 per kg with 45 kg of sugar at Rs 40 per kg and sells the mixture at Rs. 35 per kg. Find the loss percentage.

If the marked price of a shirt at shop A is Rs. 4000 and the discount offered on it by A is 20 %. On shop B, the same shirt is available at the discount of 35%. If the selling price of the shirt is same at both the shops, what is the marked price at shop B.

Khushi sells two cups at Rs. 700 each. On one she gains 20% and on the other, she loses 20%. Find the whole gain or less percent.

If the selling price of the table lamp is Rs. 3000 and has been sold at 15% discount. Find the marked price of the lamp.

DO

IT YOURSELF! If Suruchi is selling a phone at Rs. 55000 inclusive of 18% sales tax and the profit percent is 20%. Find the cost price of the phone. Answers with explanation

Cost Price of Bluetooth speaker = Rs. 6500
Loss percentage = 15%
Selling price = Cost price - loss
$$= 6500 - (15/100) \times 6500 = 6500 - 975 = \text{Rs. } 5525$$

Cost price of the commodity = Rs. 500
Desired profit percentage = 35%
Selling price = Cost Price + Profit
$$= 500 + (35/100) \times 500 = 500 + 175 = \text{Rs. } 675$$

Total price incurred on truck = Cost Price of the truck = 50000 + 20000 = Rs. 70000
Selling Price of the truck = Rs. 53900
Loss = S.P. - C.P. = 70000 - 53900 = Rs. 16100
Loss percentage = $(16100/70000) \times 100 = 23\%$
Let the Cost Price of 50 pencils be x
Cost Price of 50 pencils = Selling price + loss
$$x = 60 + (25/100) \times x \Rightarrow x - x/4 = 60 \Rightarrow 3x/4 = 60 \Rightarrow x = (60 \times 4)/3 = \text{Rs. } 80$$

Selling price to gain 20% profit = $80 + (20/100) \times 80 = 80 + 16 = \text{Rs. } 96$
Let the no. of articles bought be LCM of 3 and 4 = 12
Cost Price of 12 article = $(4/3) \times 12 = \text{Rs. } 16$
Selling Price of 12 article = $(3/4) \times 12 = \text{Rs. } 9$
Loss percentage = $(7/16) \times 100 = 43.75\%$
Cost Price of 70 kgs of rice = Rs. (25*30 + 45*40) = Rs. 750 + 1800 = Rs. 2550
Selling Price of 70 kg rice = 70*35 = Rs. 2450
Loss percent = $[(2550 - 2450)/2550] \times 100 = 3.9\%$
Selling Price by shop A = 4000 - $(20/100) \times 4000 = 4000 - 800 = \text{Rs. } 3200$
Selling price by A = Selling price by shop B
Therefore, 3200 = Marked Price - discount
 $3200 = \text{Marked price} - (35/100) \times \text{marked price}$
Marked Price = Rs. 4923 (approx.)
Let the Cost price of the first cup on which she gains 20% be x
Selling Price of first cup = $x + (20/100) \times x \Rightarrow 700 = x + x/5 \Rightarrow x = (700 \times 5)/6 = \text{Rs. } 583$ (approx.)
Let the Cost price of the first cup on which she loses 20% be y
 $700 = y - (20/100) \times y \Rightarrow 700 = y - y/5 \Rightarrow y = (700 \times 5)/4 = \text{Rs. } 875$
Total Cost price of two cups = 583 + 875 = Rs. 1458
Total Selling price of two cups = 700 + 700 = Rs. 1400
Loss Percentage = $(58/1458) \times 100 = 3.9\%$
Let the marked price of the lamp be x.
Selling Price = Marked Price - Discount
 $3000 = x - (15/100) \times x \Rightarrow x = (3000 \times 20)/17 = \text{Rs. } 3529$ (approx.)

```
= $(this).html(); var newHTML = oldHTML.replace('@', ''); $(this).html(newHTML); } }); function
sortingTable(node, pos, ordBy){ var rows = node.children('tbody').children('tr').get();
rows.sort(function(a, b) { var X = $(a).children('td').eq(pos).text().toUpperCase(); var Y =
$(b).children('td').eq(pos).text().toUpperCase(); if (numFormat != ',.'){ //we are dealing with a
different locale and we need to do some //transformation in numbers X = convert2number(X); Y =
convert2number(Y); } else { X = X.replace(/,/g, '').replace(/ /g, ''); Y = Y.replace(/,/g, '').replace(/
/g, ''); } var currencies = ['$', '¥', '£', '€']; 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) * ordBy; } else if (!isNaN(XX) && isNaN(YY)){
return -1 * ordBy; } else if (isNaN(XX) && !isNaN(YY)){ return ordBy; } else { if(X < Y) { return -
1 * ordBy; } if(X > Y) { return 1 * ordBy; } return 0; } }); $.each(rows, function(index, row) {
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));
```

[Read the theory on Simple and Compound Interest here.](#)

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