AILET

Questions for Practice on Time and Work for CLAT 2020

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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(

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_6a7c06856818f ul.LFO1 {counter-reset: ulLFO1_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO1 ul {counter-reset: ulLFO1_2;margin-left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO1 li {text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO1 li:before {font-size: 12pt !important;counter-increment: ulLFO1_1;content: counter(ulLFO1_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06856818f ul.LFO1 ul ul {counter-reset: ulLFO1_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO1 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f ul.LFO1 ul ul ul {counter-reset: ulLFO1_4;margin-left: -1.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO1 li ul li ul li {text-indent: -0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f ul.LFO1 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f ul.LFO1 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f ul.LFO1 ul ul ul

ul ul ul {counter-reset: ulLFO1_7;margin-left: -2.875in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f 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_6a7c06856818f ul.LFO1 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_6a7c06856818f ul.LFO1 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_6a7c06856818f ul.LFO2 {counter-reset: ulLFO2_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 ul {counter-reset: ulLFO2_2;margin-left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li {text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li:before {counter-increment: ulLFO2_1;content: counter(ulLFO2_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c06856818f ul.LFO2 ul ul {counter-reset: ulLFO2_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f ul.LFO2 ul ul ul {counter-reset: ulLFO2_4;margin-left: -1.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li ul li ul li {text-indent: -0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f ul.LFO2 ul ul ul ul {counter-reset: ulLFO2_5;margin-left: -1.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f ul.LFO2 ul ul ul ul ul {counter-reset: ulLFO2_6;margin-left: -2.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f ul.LFO2 ul ul ul ul ul ul {counter-reset: ulLFO2_7;margin-left: -2.875in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li ul li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 216pt;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li ul 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_6a7c06856818f ul.LFO2 ul ul ul ul ul ul ul {counter-reset: ulLFO2_8;margin-left: -3.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f ul.LFO2 li ul 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_6a7c06856818f ul.LFO2 li ul 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_6a7c06856818f ul.LFO2 ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_9;margin-left: -3.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f ul.LFO2 li ul 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_6a7c06856818f ul.LFO2 ul ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_10;margin-left: -4.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c06856818f 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: 324pt;font-size: 11pt;} div#h5p_6a7c06856818f 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_6a7c06856818f p.P1 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #4F81BD !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_6a7c06856818f p.P1 span {hyphenate: false;font-family: Cambria;color: #17365D;letter-spacing: 0.0034in;font-size: 26pt;hyphenate: false;font-weight: bold;} div#h5p_6a7c06856818f p.P2 {text-align: justify !important;margin-bottom: 0.1666in !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T3 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T4 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T5 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T6 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T7 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P8 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P8 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P9 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P9 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P10 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P10 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P11 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T12 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T13 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T14 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T15 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T16 {font-family:

Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T17 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P18 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P18 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P19 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P19 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P20 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P20 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P21 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T22 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T23 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T24 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T25 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T26 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T27 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P28 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P28 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P29 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P29 span {hyphenate: false;hyphenate: false;font-family: Arial Narrow;font-size: 12pt;} div#h5p_6a7c06856818f p.P30 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T31 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T32 {font-family: Cambria !important;font-weight: bold

!important;font-style: italic !important;font-size: 12pt !important;text-decoration: single !important;text-decoration: underline !important;text-decoration-style: solid !important;} div#h5p_6a7c06856818f span.T33 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T34 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T35 {font-family: Cambria !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P36 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T37 {font-family: Arial Narrow !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T38 {font-family: Arial Narrow !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T39 {font-family: Arial Narrow !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P40 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T41 {font-family: Arial Narrow !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T42 {font-family: Arial Narrow !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T43 {font-family: Arial Narrow !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P44 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P44 span {hyphenate: false;font-family: Cambria;font-weight: bold;font-style: italic;font-size: 14pt;text-decoration: single;text-decoration: underline;text-decoration-style: solid;} div#h5p_6a7c06856818f p.P45 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P45 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-weight: bold;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P46 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T47 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T48 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P49 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P49 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P50 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P50 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P51 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P51 span {hyphenate: false;hyphenate: false;font-family:

Cambria;font-weight: bold;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P52 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T53 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T54 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P55 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P55 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P56 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P56 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P57 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P57 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P58 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P58 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-weight: bold;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P59 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T60 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T61 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P62 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T63 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T64 {font-family: Cambria !important;font-style: italic !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T65 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T66 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T67 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T68 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T69 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T70 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T71 {font-family: Cambria !important;font-style: italic

!important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T72 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P73 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P73 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-weight: bold;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P74 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T75 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T76 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T77 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T78 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P79 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P79 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-weight: bold;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P80 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T81 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T82 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T83 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T84 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T85 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T86 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T87 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P88 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P88 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-weight: bold;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P89 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T90 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T91 {font-family: Cambria !important;font-weight: bold !important;font-style: italic

!important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T92 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P93 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P93 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P94 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P94 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P95 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P95 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P96 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P96 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-weight: bold;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P97 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f span.T98 {font-family: Cambria !important;font-weight: bold !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f span.T99 {font-family: Cambria !important;font-style: italic !important;font-size: 12pt !important;} div#h5p_6a7c06856818f p.P100 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P100 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P101 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P101 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P102 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P102 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P103 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P103 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P104 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P104 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P105 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P105 span {hyphenate: false;hyphenate: false;font-family: Cambria;font-style: italic;font-size: 12pt;} div#h5p_6a7c06856818f p.P106 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c06856818f p.P106 span

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Questions for Practice on Time and Work for CLAT 2020Question 1-3: Roman can craft a Wood work in 24 days which Sonam can do in 18 days. Answer the following questions:In how many days they can together complete the work?Who is more Efficient and by how much percent?If they on work alternate days starting with Roman, when will be the work complete? Question 4-6: Mili starts working on a project and works on it for 20 days and complete 40% of the project. After some days, Nita joins the project and together they complete the project in another 12 days. How long would Mili take to complete the job alone?If they started to work together from the beginning, how long they would have taken to complete the job?What is the ratio of time that Nita would take to that of the time Mili would take if they worked alone?Question 7-8: Pipe A can fill a tank in 2.5 hours. There is a leak at the bottom of the tank and hence it takes twice longer to fill the tank. In how many hours the full tank will get empty, if pipe A is closed?If another pipe B takes 2 hours to completely fill the tank, in how many hours they can together fill the tank without any leakage?Question 9-10: If three taps are opened together, a tank gets filled in 10 hours.

Filling alone, one tap takes 5 hours, another takes 10 hours. At what rate 3rd tap can fill the tank? If only 1 and 3rd tap were open, how long it will take to fill the tank? Answer and Solutions: ***Ans: 10 +2/7days***Sol: LCM of 18 and 24 is 72, we can assume that there is a total of 72 units of work has to be done in total. So in 1 day, Roman can do 72/24 =3 units of work in one day while Sonam can complete 72/18 = 4 units of work in one day.Hence in one day, together they can do 3+4 = 7 units of work.Therefore, 72 units of work can be done in = 72/7 = 10 +2/7days ***Ans: Sonam by 33.33%*** Sol: Roman's one day work = 3 unitsSonam's one day work = 4 unitsEfficiency in terms of per day work = 4-3/3 *100 = 33.33 %Sonam is 33.33% more efficient than Roman.***Ans: 20 + 2/3 days***Sol: If Roman started working, on first day he will complete 3 units of work, and next day Sonam will complete 4 units of work. Hence in 2 days they will complete 7 units of work. Hence, in 20 days (i.e. 10 complete cycles) time 7*10=70 units of work. Remaining work is 2 units done by Roman on 11th day. But roman can do 3 units of work in one day, 2 units left will take 2/3 time. Hence, in total they will take 20+ 2/3 days to complete the work.***Ans: 50 days***Sol: If Mili can do 40% of work in 20 days, she can complete the next 40% of work in another 20 days, and 20% work in 10 days. Hence for completing the whole work alone she would take 20+20+10 days = 50 days. ***Ans: 20 days***Sol: In 12 days the remaining 60% of the work is done. Hence for completing 100% of work they would need 12*100/60 = 20 days***Ans: 2:3*** Sol: Mili alone can do the work alone in 50 days. And together they would take 20 days; Let Nita would take b days.1/50 + 1/b = 1/20 => b = 100/3 daysRatio of time they would take alone =Nita alone time / Mili alone time= 100/50*3 = 2/3***Ans: 10 hours***Sol: When pipe a works along with leakage, the total time taken is 2*2.5=5 hoursSo, 1/2.5 – 1/x =1/5 X= 2.5 hoursLCM of 2.5 and 5 is 5. So, work required to be done is 5 units, in 1 hour, A can do 5/2.5 = 2 units of work.Work done per hour = 1 unit. Leakage per hour = 5/2.5 = 2 So, negative work done =2.5-2 = 0.5 unit in 1 hour.Hence to complete the task of 5 unit = 5/0.5 = 10 hours***Ans:1.111 hours***Sol: A takes 2.5 hours alone, while another pipe takes 2 hours;1/A=1/2.5 + ½ = (4+5)/10= 9/10Hence, together they take = 10/9= 1.111 hours ***Ans: 5 hours negative work*** Sol: If tap A take 5 hours and pipe B takes 10 hours to completely fill the tank.Together all three took 9 hours to fill, hence 1/10 = 1/a+1/b +1/c 1/c = 1/10 -1/10 - 1/5 => x= -5, This shows that tap 3 can empty a tank in 5 hours. As negative sign is showing that third tap is doing leakage work. ***Ans: zero***Sol: If only 1st and 3rd tap are open then, 1/5 – 1/5 = 0. This suggests that, the tank will never be filled as both the taps are cutting each other work.(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, 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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