AILET

Mixed Bag Questions for Quantitative Section of CLAT 2022

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Mixed Bag Questions for Quantitative Section of CLAT 2022

.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_6a7c051cc6459 ul.LFO1 {counter-reset: ulLFO1_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO1 ul {counter-reset: ulLFO1_2;margin-left: -0.1972in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO1 li {text-indent: -0.25in;margin-left: 32.1984pt;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO1 li:before {counter-increment: ulLFO1_1;content: counter(ulLFO1_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c051cc6459 ul.LFO1 ul ul {counter-reset: ulLFO1_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO1 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 ul.LFO1 ul ul ul {counter-reset: ulLFO1_4;margin-left: -1.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO1 li ul li ul li {text-indent: -0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 ul.LFO1 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 ul.LFO1 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 ul.LFO2 {counter-reset: ulLFO2_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO2 ul {counter-reset: ulLFO2_2;margin-left: -0.5in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO2 li {text-indent: -0.25in;margin-left: 54pt;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO2 li:before {counter-increment: ulLFO2_1;content: counter(ulLFO2_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c051cc6459 ul.LFO2 ul ul {counter-reset: ulLFO2_3;margin-left: -1in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO2 li ul li {text-indent: -0.25in;margin-left: 90pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 ul.LFO2 ul ul ul {counter-reset: ulLFO2_4;margin-left: -1.625in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO2 li ul li ul li {text-indent: -0.125in;margin-left: 126pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 ul.LFO2 ul ul ul ul {counter-reset: ulLFO2_5;margin-left: -2in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c051cc6459 ul.LFO2 li ul li ul li ul li {text-indent: -0.25in;margin-left: 162pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 ul.LFO2 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 198pt;font-size: 11pt;} div#h5p_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 ul.LFO2 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_6a7c051cc6459 ul.LFO2 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_6a7c051cc6459 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_6a7c051cc6459 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_6a7c051cc6459 p.P2 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T3 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T4 {font-family: Times New Roman !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T5 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P6 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P6 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P7 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P7 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P8 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P8 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P9 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P9 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P10 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P10 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P11 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P11 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P12 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P12 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P13 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P13 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P14 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P14 span {hyphenate: false;hyphenate: false;font-family: Times New

Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P15 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T16 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T17 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T18 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T19 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T20 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P21 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P21 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P22 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P22 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P23 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P23 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P24 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P24 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P25 {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: 0.1972in !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P25 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P26 {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;margin-left: 0.4472in !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P26 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P27 {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: 0.1972in !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P27

span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P28 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;margin-left: 0.4472in !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P28 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P29 {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;text-align: center !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P29 span {hyphenate: false;font-family: Calibri Light;color: #323E4F;letter-spacing: 0.0034in;font-size: 26pt;hyphenate: false;font-weight: bold;} div#h5p_6a7c051cc6459 p.P30 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T31 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T32 {font-family: Times New Roman !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T33 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P34 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P34 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P35 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P35 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P36 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P36 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P37 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P37 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P38 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T39 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T40 {font-family: Times New Roman !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T41 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P42 {margin-left: 0.5in !important;text-align: justify

!important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P42 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P43 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P43 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P44 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P44 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P45 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P45 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P46 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P46 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P47 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P47 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P48 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P48 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P49 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P49 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P50 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T51 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T52 {font-family: Times New Roman !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P53 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T54 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T55 {font-family: Times New Roman !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P56 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P56 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459

p.P57 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P57 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P58 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P58 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P59 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P59 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P60 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P60 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P61 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P61 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P62 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T63 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T64 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T65 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T66 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T67 {font-family: Times New Roman !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T68 {font-family: Times New Roman !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T69 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P70 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P70 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P71 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P71 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P72 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P72 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P73 {margin-left: 0.5in

!important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P73 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P74 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P74 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P75 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P75 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P76 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P76 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c051cc6459 p.P77 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 span.T78 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T79 {font-family: Times New Roman !important;vertical-align: sub; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T80 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T81 {font-family: Times New Roman !important;vertical-align: sub; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T82 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T83 {font-family: Times New Roman !important;vertical-align: sub; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T84 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T85 {font-family: Times New Roman !important;vertical-align: sub; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T86 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T87 {font-family: Times New Roman !important;vertical-align: sub; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T88 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T89 {font-family: Times New Roman !important;vertical-align: sub; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 span.T90 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c051cc6459 p.P91 {margin-left: 0.5in !important;text-align: justify !important;line-height: 1.5 !important;font-size: 11pt;} div#h5p_6a7c051cc6459 p.P91 span

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Mixed Bag Questions for Quantitative Section of CLAT 2020If the average of 21 observations is 70 and the average of first 10 observation 65 and the average of last 10 observation is 75, find the 11th observation. The average age of a family of 4 persons is 25. If one of the member dies at the age of 20 years, find the average age of the family after 5 years. Calculate the average of prime numbers between 1 to 20?The sum of Rs. 9000 was borrowed in 2005 at 12% interest rate compounded annually for. Find the interest amount in 2017.The difference between SI and CI on a sum of money lent at the interest rate of 10% for two years is Rs. 200. Calculate the principal amount.Anil invested (at simple interest) a certain amount of money at 15% p.a. for 3 years and the same amount of money at 25% per annum for 2 years. Together, it yielded him an interest of Rs. 1000. Find the amount invested.To earn a profit of 35% on one piece of jewellery costing Rs. 15600, at what price the jeweller should sell it?Jalwa bought two artefacts at Rs. 1700 each and sold one at the loss of 15% and other at the profit of 20%. Calculate the total profit percentThe average speed of a truck is two fifth the average speed of a car covering 2300 kilometres in 20 hours. Calculate the speed of the truck.A train which is 300 m long passes a 500 m long platform in 90 seconds. What is speed of the train?Calculate the Profit percentage if a cell phone was bought at Rs. 50000 and sold at Rs. 80000?If 3500 is 75% more than 2000, by how much percentage is 2000 less than 3500?If Sukriti bought a radio at Rs. 8000 and 1000 was spent on its repair and then sold at Rs. 11000. Calculate the gain percentage.DO IT YOURSELFA shopkeeper gives a discount of 20% on the marked price. If the marked price is 30% more than the Cost price, calculate the profit percentage.Calculate the difference between Simple Interest and compound Interest on Principal amount of 30, 000 borrowed at the interest rate of 8% for 2 years. ANSWERS WITH EXPLANATIONSum of 21 observations (x) = Sum of first 10 observations + sum of last 10 observations + 11th observation.X = 21* 70 = 1470Sum of first 10 terms = 10*65 = 650Sum of last 10 terms = 10*750Therefore,11th observation = 1470 – 650 – 750 = 70Sum of age of a family = 25*4 = 100 New sum of the age = 80Sum of the ages after 5 years in the family of 3 = (80+15)/3 = 95/3 = 31.6 yearsSum of prime numbers between 1 to 20 = 77 Average = 77/8 = 9.6 A = 9000[1+(12/100)]2 = 9000[28/25]2 = 11289. 6CI = 11289.6 – 9000 = Rs. 2289.6SI = PRT/100 = 20P/100 = P/5CI = A- P = {P [1+ (r/100) n – P = (121 P/100) – P =21P/10021P/100 – P/5 = 200P/100 = 200P = Rs. 20000Let the amount invested be Rs. x.As per the question,SI1 + SI2 = P/100 (R1T1 + R2T2) 1000 = P/100 (45+ 50)1000 = 95P/100P = (1000*100)/95 = 1052.6 (approx.) Selling Price = Cost Price + Profit =

15600 + (35/100)*15600 = 15600 + 5460 = Rs. 21060 Loss = (15/100)*1700 = Rs. 255Profit = (20/100)*1700 = 340Overall Profit = Rs. 85Gain percentage = (85/ 3400)*100 = 2.5% Speed of the car = 2300/ 20 = 115 km/h Speed of the truck = (2/5)* 115 = 46 km/h Total distance covered = 300+ 500 = 800 m Time taken = 90 secondsSpeed = 800/90 = 8.8 m/s Loss = (30000/50000)*100 = (3/5)*100 = 60% Required Percentage = (1500/3500)*100 = 42.8% C.P. = 8000+ 1000 = Rs. 9000 Profit = (2000/9000)*100 = 200/9 = 22.2% (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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