

Questions on Family and Generation for Logical Reasoning

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Questions on Family and Generation for Logical Reasoning

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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_6a7c0a0209835 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_6a7c0a0209835 p.P1 span
{hyphenate: false;font-family: Cambria;color: #17365D;letter-spacing: 0.0034in;font-size:
26pt;hyphenate: false;font-weight: bold;} div#h5p_6a7c0a0209835 p.P2 {font-size: 11pt;}
div#h5p_6a7c0a0209835 p.P2 span {hyphenate: false;font-family: Times New Roman;font-weight:
bold;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P3 {font-size: 11pt;} div#h5p_6a7c0a0209835
p.P3 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0a0209835 p.P4 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P4 span {hyphenate:
false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P5 {font-size:
11pt;} div#h5p_6a7c0a0209835 p.P5 span {hyphenate: false;font-family: Times New Roman;font-
size: 12pt;} div#h5p_6a7c0a0209835 p.P6 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P6 span
{hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P7
{font-size: 11pt;} div#h5p_6a7c0a0209835 p.P7 span {hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P8 {font-size: 11pt;}
div#h5p_6a7c0a0209835 p.P8 span {hyphenate: false;font-family: Times New Roman;font-size:
12pt;} div#h5p_6a7c0a0209835 p.P9 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P9 span
{hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P10
{font-size: 11pt;} div#h5p_6a7c0a0209835 p.P10 span {hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P11 {font-size: 11pt;}
div#h5p_6a7c0a0209835 p.P11 span {hyphenate: false;font-family: Times New Roman;font-size:
12pt;} div#h5p_6a7c0a0209835 p.P12 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P12 span
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{hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P13 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P13 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P14 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P14 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P15 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P15 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P16 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P16 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P17 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P17 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P18 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P18 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P19 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P19 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P20 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P20 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P21 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P21 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P22 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P22 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P23 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P23 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P24 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P24 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P25 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P25 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P26 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P26 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P27 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P27 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P28 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P28 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P29 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P29 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P30 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P30 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P31 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P31 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P32 {font-size: 11pt;}

div#h5p_6a7c0a0209835 p.P32 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P33 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P33 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P34 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P34 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P35 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P35 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P36 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P36 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P37 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P37 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P38 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P38 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P39 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P39 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P40 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P40 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P41 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P41 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P42 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P42 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P43 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P43 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P44 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P44 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P45 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P45 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P46 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P46 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P47 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P47 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P48 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P48 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P49 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P49 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P50 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P50 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P51 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P51 span {hyphenate: false;font-family: Times New Roman;font-size:

12pt;} div#h5p_6a7c0a0209835 p.P52 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P52 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P53 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P53 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P54 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P54 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P55 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P55 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P56 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P56 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P57 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P57 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P58 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P58 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P59 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P59 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P60 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P60 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P61 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P61 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P62 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P62 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P63 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P63 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P64 {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;text-align: center !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P64 span {hyphenate: false;font-family: Cambria;color: #17365D;letter-spacing: 0.0034in;font-size: 26pt;hyphenate: false;font-weight: bold;} div#h5p_6a7c0a0209835 p.P65 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P65 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P66 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P66 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P67 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P67 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P68 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P68 span {hyphenate: false;font-family: Times New Roman;font-size:

12pt;} div#h5p_6a7c0a0209835 p.P69 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P69 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P70 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P70 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P71 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P71 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P72 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P72 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P73 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P73 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P74 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P74 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P75 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P75 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0a0209835 col.TableColumn77 {width: 1.1083in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn78 {width: 1.1083in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn79 {width: 1.1083in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn80 {width: 1.1083in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn81 {width: 1.1083in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn82 {width: 1.1083in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 table.Table76 {width: 6.65in !important;margin-left: 0in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 tr.TableRow83 {font-size: 11pt;} div#h5p_6a7c0a0209835 td.TableCell84 {border-top: 0.0138in solid #000000 !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P85 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P85 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell86 {border-top: 0.0138in solid #000000 !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P87 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 span.T88 {font-family: Times New Roman !important;font-weight: bold !important;color: #000000 !important;font-size: 12pt !important;}

div#h5p_6a7c0a0209835 span.T89 {font-family: Times New Roman !important;font-weight: bold !important;color: #000000 !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 span.T90 {font-family: Times New Roman !important;font-weight: bold !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 td.TableCell91 {border-top: 0.0138in solid #000000 !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P92 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P92 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell93 {border-top: 0.0138in solid #000000 !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P94 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P94 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell95 {border-top: 0.0138in solid #000000 !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P96 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P96 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell97 {border-top: 0.0138in solid #000000 !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P98 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P98 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 tr.TableRow99 {font-size: 11pt;} div#h5p_6a7c0a0209835 td.TableCell100 {border: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size:

11pt;} div#h5p_6a7c0a0209835 p.P101 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P101 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell102 {border: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P103 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 span.T104 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 span.T105 {font-family: Times New Roman !important;color: #000000 !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 span.T106 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 td.TableCell107 {border: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P108 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P108 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell109 {border: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P110 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P110 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell111 {border: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P112 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P112 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell113 {border: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P114 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P114 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 tr.TableRow115

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{font-size: 11pt;} div#h5p_6a7c0a0209835 td.TableCell116 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P117 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P117 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell118 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P119 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 span.T120 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 span.T121 {font-family: Times New Roman !important;color: #000000 !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 span.T122 {font-family: Times New Roman !important;color: #000000 !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 td.TableCell123 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P124 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P124 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell125 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P126 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P126 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell127 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P128 {margin-bottom: 0in !important;line-height: 1 !important;font-
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size: 11pt;} div#h5p_6a7c0a0209835 p.P128 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell129 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #000000 !important;border-right: none !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P130 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P130 span {hyphenate: false;font-family: Times New Roman;color: #000000;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P131 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P131 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P132 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P132 span {hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0a0209835 p.P133 {font-size: 11pt;} div#h5p_6a7c0a0209835 p.P133 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0a0209835 col.TableColumn135 {width: 1.6625in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn136 {width: 1.6625in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn137 {width: 1.6625in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 col.TableColumn138 {width: 1.6625in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 table.Table134 {width: 6.65in !important;margin-left: 0in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 tr.TableRow139 {font-size: 11pt;} div#h5p_6a7c0a0209835 td.TableCell140 {border-top: 0.0138in solid #404040 !important;border-left: 0.0138in solid #404040 !important;border-bottom: 0.0138in solid #404040 !important;border-right: none !important;background-color: #000000 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P141 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P141 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #FFFFFF;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell142 {border-top: 0.0138in solid #404040 !important;border-left: none !important;border-bottom: 0.0138in solid #404040 !important;border-right: none !important;background-color: #000000 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P143 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 span.T144 {font-family: Times New Roman !important;font-weight: bold !important;color: #FFFFFF !important;font-size: 12pt !important;}

div#h5p_6a7c0a0209835 span.T145 {font-family: Times New Roman !important;font-weight: bold !important;color: #FFFFFF !important;vertical-align: super; font-size: 66.6% !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 span.T146 {font-family: Times New Roman !important;font-weight: bold !important;color: #FFFFFF !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835 td.TableCell147 {border-top: 0.0138in solid #404040 !important;border-left: none !important;border-bottom: 0.0138in solid #404040 !important;border-right: none !important;background-color: #000000 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P148 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P148 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #FFFFFF;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell149 {border-top: 0.0138in solid #404040 !important;border-left: none !important;border-bottom: 0.0138in solid #404040 !important;border-right: 0.0138in solid #404040 !important;background-color: #000000 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P150 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P150 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;color: #FFFFFF;font-size: 12pt;} div#h5p_6a7c0a0209835 tr.TableRow151 {font-size: 11pt;} div#h5p_6a7c0a0209835 td.TableCell152 {border-top: 0.0138in solid #404040 !important;border-left: 0.0138in solid #404040 !important;border-bottom: 0.0138in solid #404040 !important;border-right: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P153 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P153 span {hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0a0209835 td.TableCell154 {border-top: 0.0138in solid #404040 !important;border-left: none !important;border-bottom: 0.0138in solid #404040 !important;border-right: none !important;background-color: #C0C0C0 !important;padding-top: 0in !important;padding-left: 0.075in !important;padding-bottom: 0in !important;padding-right: 0.075in !important;font-size: 11pt;} div#h5p_6a7c0a0209835 p.P155 {margin-bottom: 0in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0a0209835 span.T156 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0a0209835

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```
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```

Questions on Family and Generation for Logical Reasoning

Directions for Q. No. 1 to 5 : Read the following information carefully and then answer the questions based on them. There is a family of six members A, B, C, D, E and F. There are two married couples in the family and the family members represent three generations. Each member has a distinct choice of a colour amongst Green, Yellow, Black, Red, White and Pink. No lady member likes either Green or White. C, who likes Black colour, is the daughter-in-law of E. B is the brother of F and son of D and likes Pink. A is the grandmother of F and F does not like Red. The husband has a choice for green colour, his wife likes Yellow.

1. Which of the following is true about F? (a) Brother of B (b) Sister of B (c) Either sister or brother of B (d) Daughter of C (e) None of the above

2. Which of the following is one of the married couples? (a) DA (b) AC (c) Cannot be determined (d) None of these

3. How many male members are there in the family? (a) Two (b) Three (c) Four (d) Cannot be determined (e) None of these

4. Which of the following is the colour combination of one of the couples? (a) Yellow-Red (b) Green-Black (c) Red-Yellow (d) Yellow-Green (e) None of these

5. Which of the following is the colour preference of A? (a) Yellow (b) Either Yellow or Red (c) Cannot be determined (d) None of these

Directions for Q. No. 6 to 10 : Read the given information carefully and then answer the questions based on them : Six members of a family A, B, C, D, E and F are Actor, Manager, Lawyer, Teacher, Doctor and Engineer but not in the same order. Doctor is the grandfather of F and he is a Actor. Manager D is married to A. C, who is a Teacher, is married to Lawyer. B is the mother of F and E. There are two married couples in the family.

6. What is the profession of E? (a) Manager (b) Actor (c) Engineer (d) Doctor (e) None

7. How many male members are there in the family? (a) Two (b) Three (c) Four (d) Cannot be determined (e) None

8. How is A related to E? (a) Father (b) Grandmother (c) Wife (d) Grandfather (e) None

9. What is the profession of A? (a) Manager (b) Engineer (c) Lawyer (d) Cannot be determined (e) None of these

10. Who are the two couples in the family? (a) AD and CB (b) AB and CD (c) AE and DE (d) AC and BD (e) None of these

Answer key

Ans. 1 – a. Since no lady member likes either Green or White, hence F will be

male and brother of B. Ans.2 - a. CD is one of the married couples. Ans.3 - b. There are 3 male members. Ans.4 - d. Yellow-Green is the correct combination of colour. Ans.5 - b. A likes yellow colour. Ans.6 - c. E is an Engineer by profession. Ans.7 - d. Since sex of F and E can't be determined, male members in the family can't be determined. Ans.8 - d. A is the grandfather of E. Ans.9 - e. A is a Doctor by profession. Ans.10 - a. Two couples in the family are AD and CB.

Grand parents 1st Generation Green E male A Female Yellow Parents 2nd Generation Red D male C Female Black Children 3rd Generation White F male B Female Pink

II Grand parent 1st Generation A Doctor D Manager Parents 2nd Generation E Teacher B Lawyer children 3rd Generation F Actor E Engineer

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

```
$(this).prevAll().length; var table = $(this).parents('table:first'); sortingTable(table, cellPosition,
ordBy); }); function convert2number(str) { str = str.trim(); if (str.match(/^\\d+/)) { //we have to
take special care when the thousand separators are '.' var result_0 = str.replace(/\\./g, '_@_'); var
result_1 = result_0.replace(window.numFormat[0], '.'); var result = result_1.replace(/_@_/g, '');
result .replace(/ /g, ''); return result; } else { return str; } } }(jQuery));
```

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