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GANTT CHART

Aug sep 2022

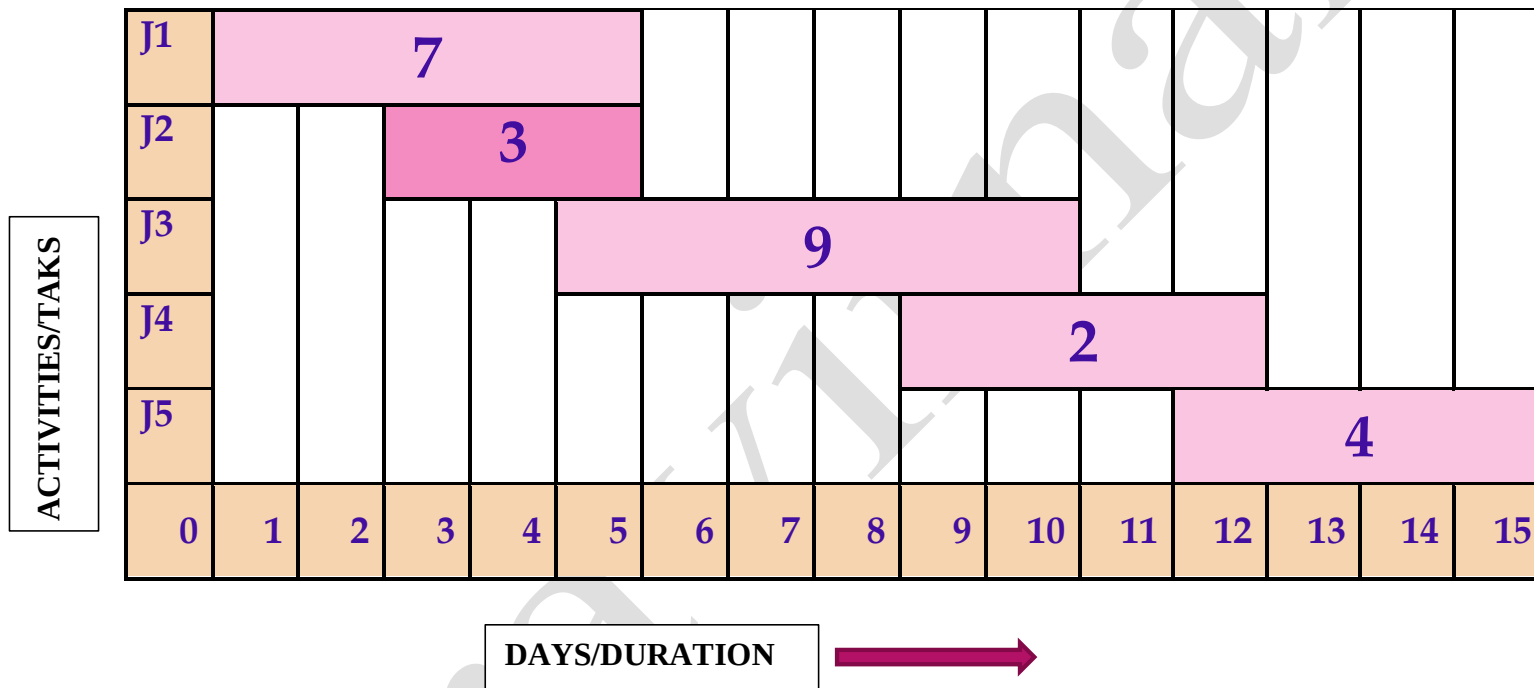
Difference between Gantt chart and a bar graph,

	Gantt Chart	Bar Graph																																																								
Purpose	Project management and scheduling	Data comparison and representation																																																								
Data Representation	Time-based representation of tasks and activities using horizontal bars	Rectangular bars representing categories or variables with their respective values																																																								
Data Type	Time-related data: task durations, start dates, end dates, dependencies	Various data types: categorical/qualitative data or numerical data																																																								
Usage Context	Project management, construction, software development, event planning, etc.	Data analysis, business reporting, market research, scientific studies, etc.																																																								
Example Image	Gantt Chart <table><thead><tr><th>Task Name</th><th>Q1 2019</th><th>Q2 2019</th><th>Q3 2019</th></tr><tr><th></th><th>Jan 19</th><th>Feb 19</th><th>Mar 19</th><th>Apr 19</th><th>Jun 19</th><th>Jul 19</th></tr></thead><tbody><tr><td>Planning</td><td colspan="2"></td><td></td><td></td><td></td><td></td></tr><tr><td>Research</td><td></td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td>Design</td><td></td><td></td><td colspan="2"></td><td></td><td></td></tr><tr><td>Implementation</td><td></td><td></td><td></td><td colspan="2"></td><td></td></tr><tr><td>Follow up</td><td></td><td></td><td></td><td></td><td colspan="2"></td></tr></tbody></table>	Task Name	Q1 2019	Q2 2019	Q3 2019		Jan 19	Feb 19	Mar 19	Apr 19	Jun 19	Jul 19	Planning							Research							Design							Implementation							Follow up							"Students who have cellphones at school" <table><thead><tr><th>Grade</th><th>Number of Students</th></tr></thead><tbody><tr><td>6</td><td>20</td></tr><tr><td>7</td><td>80</td></tr><tr><td>8</td><td>100</td></tr><tr><td>9</td><td>140</td></tr></tbody></table>	Grade	Number of Students	6	20	7	80	8	100	9	140
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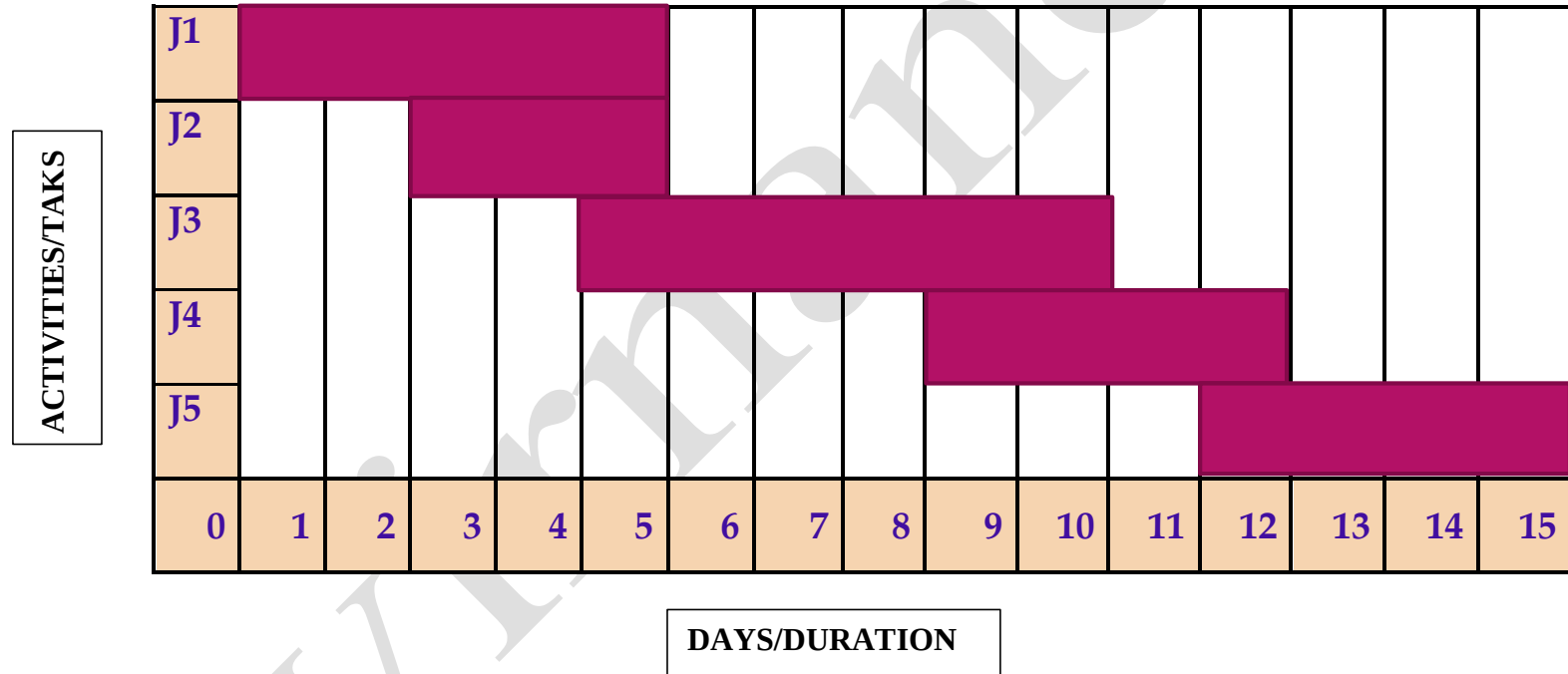
8 . c Develop the Gantt chart for the given project

Jobs	Start day	Duration	Men power
J-1	0	5	7
J-2	2	3	3
J-3	4	6	9
J-4	8	4	2
J-5	11	4	4

Solution



Jobs	Start day	Duration	Men power
J-1	0	5	7
J-2	2	3	3
J-3	4	6	9
J-4	8	4	2
J-5	11	4	4

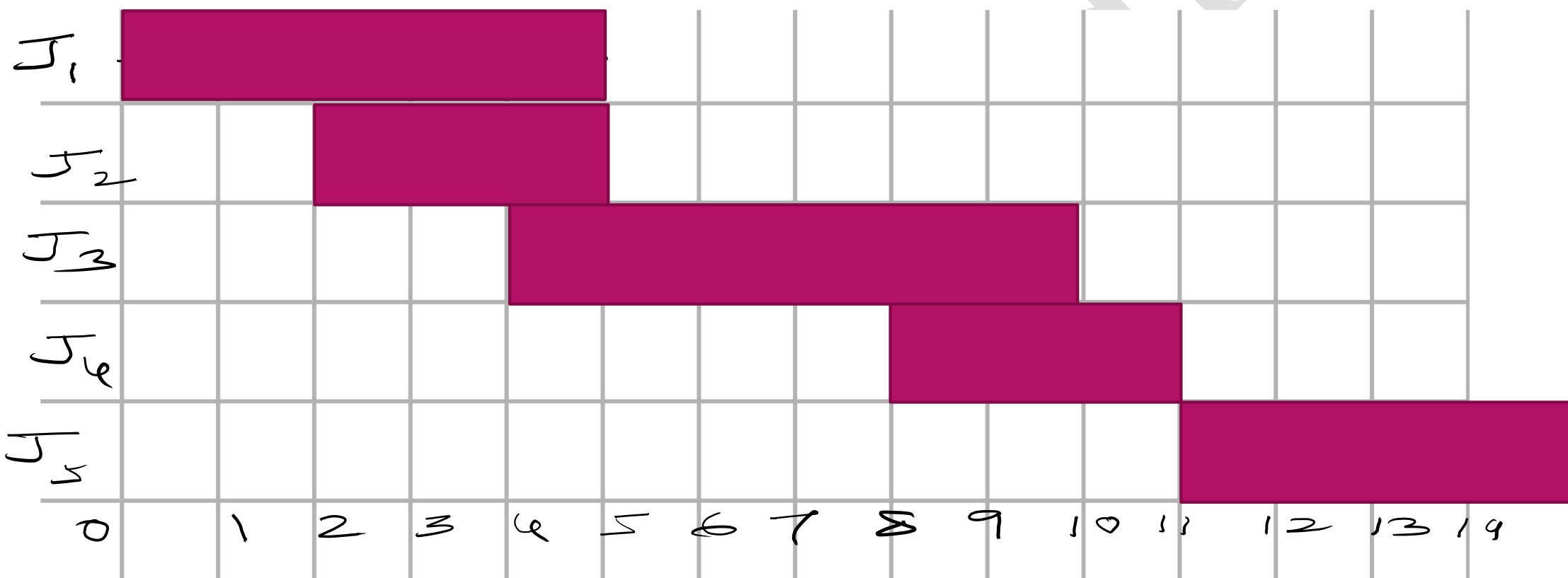


DEC – 22 (Make up Exam)

9 (d) Develop the Gantt Chart for the given project:

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J-1	0	5	7
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J3															
J4															
J5															
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Feb -2023



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