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| | (b) | Differentiate while loop and do-while loop. | 7 |
| Q-5 | | Attempt all questions | (14) |
| | (a) | What is an array? Explain two dimensional array with example. | 7 |
| | (b) | What is pointer? How to declare pointer? Explain advantages of pointer. | 7 |
| Q-6 | | Attempt all questions | (14) |
| | (a) | Write down difference between structure and union. | 7 |
| | (b) | Explain function with arguments and without return value with suitable example. | 7 |
| Q-7 | | Attempt all questions | (14) |
| | (a) | What is Recursion? Write a program to find out factorial of given number using recursion. | 7 |
| | (b) | Explain command line argument with suitable example. | 7 |
| Q-8 | | Attempt all questions | (14) |
| | (a) | What is dynamic memory allocation? Explain various memory allocating functions in detail. | 7 |
| | (b) | Write a program to perform arithmetic operation using Switch-Case statements. | 7 |

