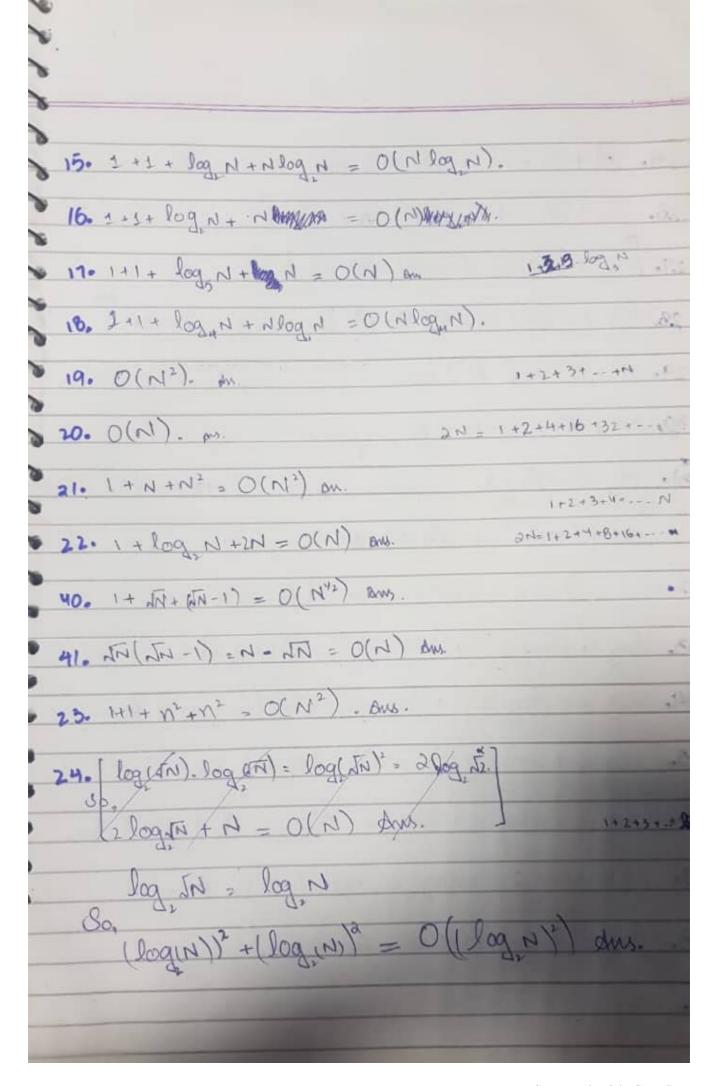
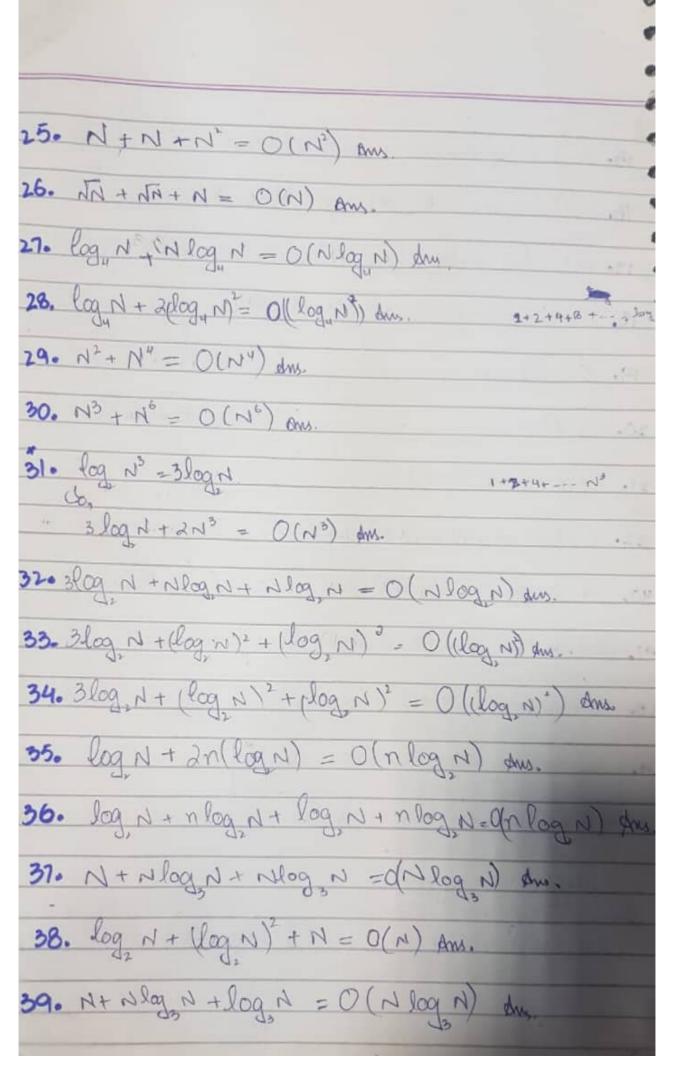


As bedig !	
Out of the 2	
Question 2:	
1. O(1) + O(N) + O(N2) + O(N2) = O(N2). aus.	A.
2. O(1) + O(N) + O(N) + O(N) + O(N) = O(N). Am.	
3. O(1) + O(N2) + O(N3) + O(N3) + O(N3) = O(N3)	.2
$= O(N^3), ans$ $= O(1) + O(N) + O(N) + O(N) + O(N)$ $= O(N) ans$	
5. $O(1) + O(N^2) + O(N^3) + O(N^3) = O(N^3)$ as.	1
6. $O(1) + O(N) + O(N^2) + O(N^3) + O(N^3) = O(N^3) Ans.$	
1. O(1) + O(log, N) + O(N) + O(N) = O(log (N))).	
8. O(1) + O(log N) + O(log N) + O(log N)+ O(log N) = O(log	(" ")
9. O(N2) + O(N2 log, (N3)) + 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
10. O(N2) + O(log, N) = O(log, N). Av. log N	
11.0(log, N) +0 (log, N) = 0 (log, N) du	
12.0(log 1) + 0 (log 1) = 0(log 1) Am	٠٦.
13. 0(1)+0(log n)+0(log n)2)+0(log n)3)=0(log n) 4. 0(1)+0(log n)+0(log n)+0(log n)=0(log n)	
4. U(1)+01209 11 + U(209 14) = U(209 14) =	100





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Question 3:
f1:
  1+log, N+N = O(N).
f2 :-
  1+N+N = O(N).
f3:
   1+++ log NA
= 1+1+ + 120g N = O(N).
f4 :-
45:
     1 + N + N + N2 = O(N2).
f6:-
     1+ O(N) + O(N) + O(N) + O(N3) + O(N2) = O(N3)
```