| Time & Space | |
|----------------------------|---|
| 30 September 2018 09:02 AM | |
| | |
| <u>Q1:</u> | for (i= 1 to n) for (j= 1 to n) Syso (CB) |
| | (i- 1 to n) |
| | for (J=1 to ve) |
| | syso (CB) |
| | |
| | |
| | |
| | |
| Q 2: | i=1, 5=1 while (s < n) { |
| | |
| | while (s < n)? |
| | <u>,</u> ++ |
| | 5:5+i |
| | 5y50 (CB) |
| | 2 |
| | 3 |
| | |
| | |
| | |
| | |
| | |
| 02. | |
| <u>Q3:</u> | |
| | i= 1 |
| | for (i=1; i ² (n; i++) |
| | |
| | |

| | Syso (cB) |
|------------|---|
| Q4: | int i, j, k, n |
| | for (i=1; i=n; i++){ |
| | for (j:1; j≤i; j++) { |
| | for (k=1; k<1000; k++) |
| | 5750 (CB); |
| | 3 |
| | 3 |
| <u>Q5:</u> | int i,j,k,n; |
| | for (i=1; i <n; i++)="" td="" {<=""></n;> |
| | $for(j:1;j\le i^2;j++)$ |
| | $for(k:1;k \le \frac{n}{2};k++) \le$ |
| | Syso (c B) } |
| | |

| for (i=1; i≤n; i=i*2) { |
|---|
| syso(cb) |
| 3 |
| |
| |
| int i,j,k; |
| for (i=n/2; i <n; i++)="" td="" {<=""></n;> |
| |
| for (j:1; j< m/2; j++) { |
| for (k=1; k <n; k="k*2)</td"></n;> |
| Sys = (CB) |
| 3 |
| Z S S S S S S S S S S S S S S S S S S S |
| |
| |
| int 1, j, k; |
| for (i: n/2; i < n; i++) { |
| for (j=1; j≤n; j=2*j) { |
| |
| for (k:1; k≤n; k=k*2) { |
| Syso (CB) |
| |
| |

| | <u> </u> |
|-----------------|------------------------|
| | 3 |
| | |
| | |
| <u>Q9</u> : | |
| | while (n > 1) { n=n/2 |
| | n=n/2 |
| | 3 |
| | |
| Q10: | |
| | for (i=1; i < n; i++) |
| | |
| | for (j:1; j≤n; j= j+i) |
| | 5yso(cb) |
| | |
| Ø11: | int n:2 |
| <u>. 11. kD</u> | |
| | for (i=1; i=n; i++) { |
| | for (j=2;j(n; j=j²){ |
| | 5 yso (CB) |
| | |
| | |
| | 3 |
| | |
| | |
| | |