2. f(2020,0) 2. f(202,1) 90 f(20,2)2100 f(213)022100 23022100

4. d.

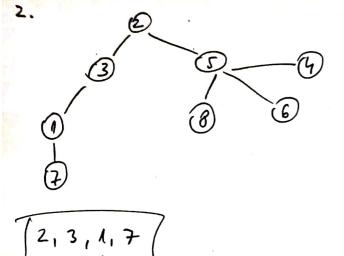
J. Grofel paste f. construit astfel:

Numonul total de noduci (maxim) este 2+6+7=15.

| <u>(i)</u> . a. | 1 | 15 5 17 17 17 |
|-----------------|---|----------------------------|
| | 3 | 27 9 10 3 0. 9 |

```
6. n=2
                       4=2.2
Un set te numere Lin [0,103] con pat f citité parte j:
Duice set de forme 2.3<sup>M</sup>, 2.3 i mip noturale neunle. parte
ti all atitor
C. Finelude ciostroms
   using homespoke itd;
   int main(){
     int n;
      int p=1;
      for itti;
      for( i=x; i' e= w; i++){
         int x;
          HATTE Lot
            do x = x/3;
           Juli (x >3);
           if(x!=0) 2
        contap;
        meturo;
1. citesta a
     cot timp i en executo
        Low + 40 duni
```

Bruie P.



3. Obs: ahlele core un menors volooses 4 on propietotes:

i+j <4 sou

i+j >12.

for(i=0; i29; i++)

for(j=0; j29; j++)

if(i+j24 || i+j>12) a[i](j]=4;

dre a[i](j)=21

> else je (d, 4.2) sit = di; if (o else je += di; if (si > p) retusui; return o;

```
expl: Memoran mussal de litere el primale consort intr-o void lis
n. Apri composal lunginese colorlatte curinte cu u.
  #include ciortean >
   # include a coting 7
    wing nomes park this
    ( [100] chi
    int mainly
        ein get (1,100);
         chor rp = statek (5,
          n= sthlen (pli
           p = statok ( WULL, "
           if ( shlun ( p) 1= u) {
  ok = 0 i
               = strok(NULL, "");
             flok) contex "DA" Le
            Telse cont LL "NU";
    Mgostmal neuvreoró in voialibale usunotrore;
     - l = hugines seventer ascoro mente
     -long = lingines secrenter a sessi moximo
    -ans = primul element al une sevente de lugire maxins
    -x = valores unento.
    -x1 = valoree preedents
  Africal of Declaration
Algoritume provietat parente o jugues deto inul, ian des la intolure a dro valur x r' xr en propietates & x=x, +i, re actualizerosi lux, l, ans = xi-l+1 3.
Algorithal att eficient døde al tingrali desorece to parente foloset doar o structur agretitivo core parenge t'out o singuo doto (complexitate O(u)).
```

```
Algoritaal este eftrent spole al menorie uthirate bevoren
se folorer door 5 variable single de ty mitag. (conflexitate O(1)).
 5. Hivelide afstream >
      Wing noneyou stal;
      if there I (" boe tot");
       int 1, lux = -1;
       int ans:
       int main(){
         int x;
          int x4;
           while (4>>x) [
             If ( x== x1+1) & ++;
              ehe?
                 if (luxel) {
                     au] = x1-l+1;
                     lu+=1;
            if (luxcl) {
              ans = x1-l+1; lux=l;
           if (hux <2) wont << "me existe";
              for (int i= aus, i c= aus + lux-1; i++) conteciec ;
           f. close ();
           actum o ;
```