Arthmetic Progression 1) -3, -2,-1,0 Ans: d=1, -3+1,=2 aii) -1.0, -1.5, -2.0, -2.5 Ans: d= 0.5; ,-1.5-0.5= a = ans d = ans a=7 = 1.2 a = -5 a= J3 = 1.5 3. a=? =) a=3 $d = \frac{1}{2} - \frac{3}{2}$ = 1-3 =-2 = -1 4 i) 4, 10, 16, 22 \ ii) 1, -1, -3, -5 \. iii) -2,-2,-2,-2 X iv) 1,1,2,2,2X 78 2P-1, 3P+1, 11 as find : P

3P+1-(2P-1) 3P+1-2P+1 az-a1 = d as -az : A P+2 P+2=10-3p -> 11 - (3P+1) P+3p = 10-2 10-30 P=2 5, 11,17,22 find noth Term d=6 an = a + (n-i)d =5+(n-1)6 an = 6n-1 an = a + cn - Dd10 9 an = 2 (n-1) 5 an = 5n-3 21,18,15, ... - 21 an = 21 + (n-1) - 3 24 - 3(1) = 21= 21-3n +3 Q = 18 -21 d = -3

12. 3.d a3 = 5 Find: a, d a7 = 9 an = a + (-1) d a3 = a+(2d) =5 a7 = a+6d = 9 2424-5 X 7 69 = 9 y=1 × +21) = 5 n=5-2-3 d=5 x = 3 n=1 14 n=2 n=3 5 + Cn-06=30 6 4 (n-1) = 301-5 n-1- 49.5 h = 50.5

15	1882, 12, 15, 18.
	a+(n=1) a=9
	12 + 3 (n-1) = 99
11000	3(n-D=87
	(h-1) = 201
	n= 30
	-62,-59,-56
	a 11= atioa
	==62+10(30
	$a_{11} = -32$
17.	86,160, 240
	Yes 4
	a=80
	d=80
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	30 year
	0+290 = 2400

