Central Perdencies Assignment

Q3 Mean of fiers lume no.

Beume no. 2, 3, 5, 7, 11

median =
$$\left(\frac{n+1}{2}\right)^{th}$$
 term

$$=\left(\frac{5+1}{2}\right)^{\frac{1}{1}}$$
 teurs

= 3thd teum i.e, 5 is the median

Q.Y

$$\frac{11 + 8 + 6 + 14 + 13 + 21}{6} = 66$$

$$\frac{52+\pi}{6}=66$$

$$n = 396 - 52$$

$$6+8+(n+2)+10+(2x-1)+2-9$$

$$\frac{27+371}{6}=9$$

$$27 + 3n = 54$$

$$3n = 27$$

$$n = \frac{24}{8} = 9/$$

$$n = 9$$

$$12$$

$$10$$

$$15$$

$$2$$

$$10$$

$$15$$

$$2$$

$$6$$

$$8$$

$$4$$

$$\frac{216}{20} = \frac{54}{5} = \frac{10.8}{20}$$
(b) marks No. 0/5+.
$$\frac{25}{30}$$

$$\frac{15}{20}$$

$$\frac{2}{24}$$

$$= \frac{231}{10}$$

O.T. Mode in following.

- (a) 12, 8, 4, 8; 1, 8, 9, 11, 9, 10, 12, 8
- (b) 15,22, 17, 19, 22, 17, 29, 24, 17, 15
- (c) 0, 3, 2, 1, 3, 5, 4, 3, 42, 1, 2, 0 3 is the mode
- (d) 1,7,2,4,5,9,8,3 NO mode

0.8 Median of data is 25. a = ?

eq. 17, 7+24, 2+7, 35, 36, 46

n = 6

median = $\left(\frac{n}{2}\right)^{th}$ observation + $\left(\frac{n+1}{2}\right)^{th}$ observ

 $25 = \left(\frac{6}{2}^{3} \text{ obr.} + \frac{63+1}{2}\right)^{\frac{1}{2}}$

$$25 = 3^{\frac{1}{4}} + 4^{\frac{1}{4}}$$

$$25 \times 2 = 3^{\frac{1}{4}} + 4^{\frac{1}{4}} \text{ observation}$$

$$50 = (\pi + 7) + 35$$

$$50 - 42 = \pi$$

$$8 = \pi$$

n = 8

0.9 awarge the order in accenting order. ie, 15, 17, 32, 35, 36, 46

Now median will be $\frac{n}{2}$ team

ic frathered

WE BOARD = JEANSEN

(a) (b) Ho
(c)
(d) mode