

Name:- Divy Pratap Singh

Class:-

VIIIth | C

Roll no:- 11

Subject:- Maths

D.O.B:- 01/01/2001

Test

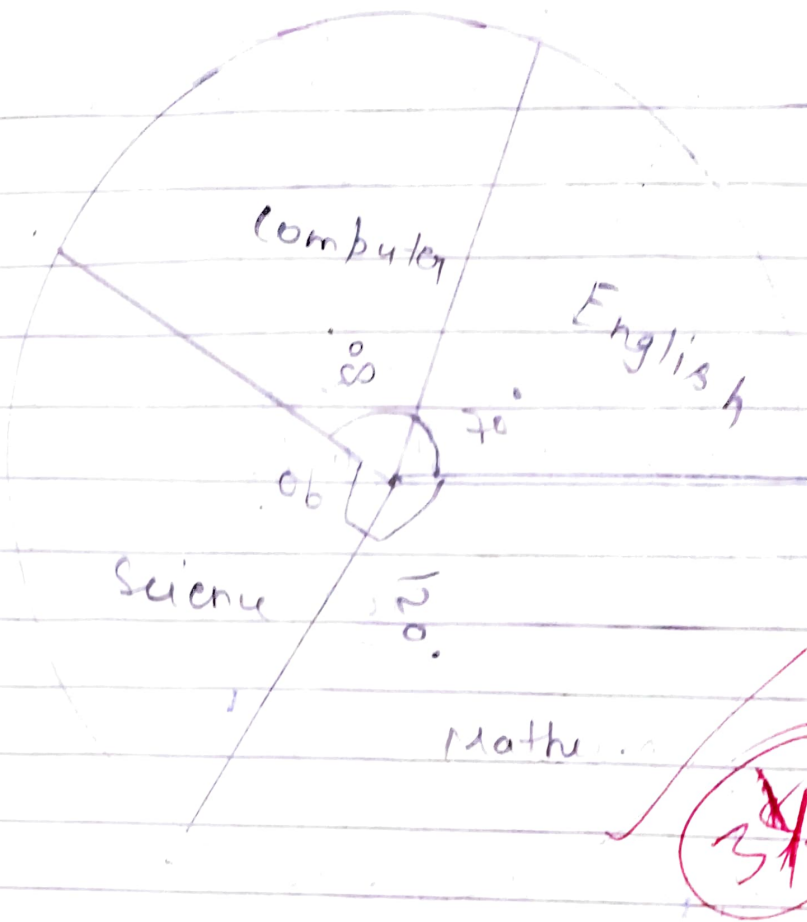
② $\frac{1}{h}$ Ans ✓

①

① $\frac{1}{4}$ th word = 8 days
 4×8
~~= 32 day.~~ ②

⑤ ⑤

Subject	Marks	
English	35	$\frac{35}{180} \times 360 = 70$
Computer	40	$\frac{40}{180} \times 360 = 80$
Science	45	$\frac{45}{180} \times 360 = 90$
Math-	60	$\frac{60}{180} \times 360 = 120$



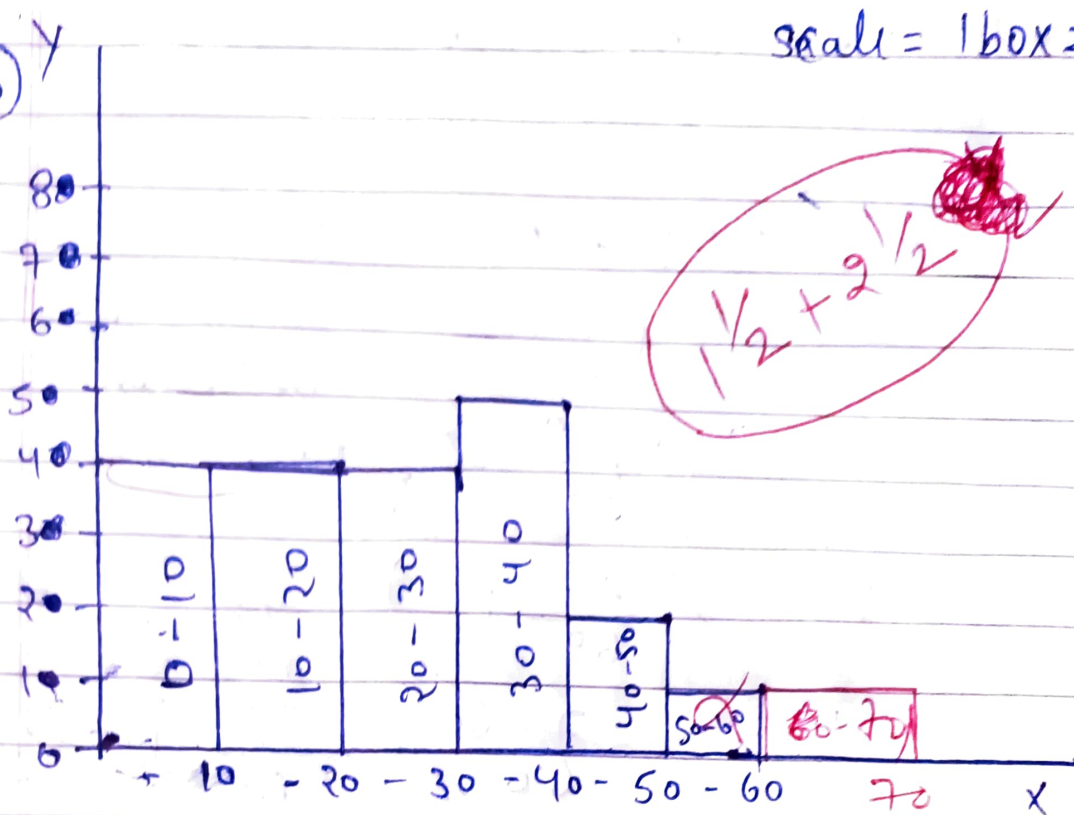
⑥ a

No.	Frequency Tallmark	Frequency
0-10	✓	4
10-20	✓	4
20-30	✓	4
30-40	✓	5
40-50	✓	2
50-60	✓	1
Total	20	20

50-60 0

60-70 1

(b)



(9)

(a)

4600

(b)

24:

(c)

125 students

(7)

$$A = 15 \text{ day} - \frac{1}{15}$$

$$B = 10 \text{ day} - \frac{1}{10}$$

$$B = \frac{1}{10} \times \frac{1}{2} = \frac{1}{20}$$

$$A + B = \frac{1}{15} + \frac{1}{10}$$

$$\frac{2+3}{30} = \frac{5}{30} = \frac{1}{6}$$

$$= \frac{1}{2} \div \frac{1}{6}$$

$$= \frac{1}{2} \times \frac{6}{1} = 3 \text{ day}$$

→ 7.5 days

⑧ $A = 15 \text{ day} = \frac{1}{15}$
 $B = 20 \text{ day} = \frac{1}{20}$

$A + B = 1$

$\frac{1}{15} + \frac{1}{20}$

$\frac{4+3}{60} = \frac{7}{60}$

work for
1 day

$\frac{28}{60}$

$\frac{32}{60}$
 $1 - \frac{28}{60} = \frac{32}{60}$
 $\Rightarrow \frac{8}{15}$

$1\frac{1}{2}$

$\frac{7}{60} - 1$

$\frac{7-60}{60} = \frac{53}{60}$ left work

$\frac{8}{15}$ day

⑩ $A + B + C$

$\frac{1}{16} + \frac{1}{20} + \frac{1}{30}$

$1\frac{1}{2}$

$\frac{15+12+8}{240} = \frac{35}{240} \div \frac{7}{2}$

$\frac{15+12+8}{240}$

$\frac{35}{240} \times \frac{2}{7}$
 $\frac{24}{127}$

$\frac{1}{16} + \frac{1}{20} + \frac{1}{30}$

$\frac{30+24+16}{480}$

$\frac{48}{7} \times \frac{7}{2}$

$\frac{5}{12} \div 1$

$\frac{12}{5}$

$\frac{7}{48} \Rightarrow 24 \text{ day}$
 $\frac{7}{48}$

$= 1.2 \text{ day}$

③

30 ward

④

$$\frac{1}{6} + \frac{1}{7}$$

$$\frac{7+6}{42}$$

$$= \frac{1}{42}$$

$$= \underline{42 \text{ hours}}$$

$$1\frac{1}{2}$$

$$\frac{1}{6} + \frac{1}{7}$$

$$\begin{array}{r} \Delta + \\ \frac{1}{16} \\ \underline{1} \end{array}$$

10 t.

24-