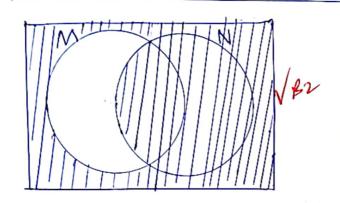
MARKING GUIDE - 2024 SECTION A (02-Marks each) 200+70+(3×1/10)+(8×1000)/M 200+70+0.3+0.008 200.0 270·308 M 8+(-7). 8-7√M =1 /M 4. Mean = 501 = -6+0+-4+6+5+7+3+5 = -6+-4+6+5+7+3+5  $1, 3, 6, 10, 15, \frac{21}{21}, \frac{28}{181}$ 5. Triangular numbers

6.



7.

METHON 1  

$$\frac{3}{3}P + 5 = 1+P$$
  
 $\frac{3}{3}X(\frac{3}{3}P) + 5X3 = 3X(1+P)$   
 $\frac{3}{3}P + 15 = 3+3P \cdot M$   
 $\frac{3}{3}P + 15 = 3+3P \cdot 3P$   
 $\frac{3}{3}P + 15 = 3+3P \cdot M$   
 $\frac{4}{7}P = \frac{13}{7}P$   
 $\frac{4}{7}P = \frac{13}{7}P$ 

METHOD 2

$$\frac{2p}{3}$$
 = 1+p  
 $\frac{2p}{3}$  = 1+p-p  
 $\frac{2p}{3}$  = 1+p-p  
 $\frac{2p}{3}$  = 1-5 × m  
 $\frac{2p}{3}$  = 1-4 × 3  
 $\frac{2p}{3}$  = 1-4 × 3  
 $\frac{2p}{3}$  = 1-4 × 3  
 $\frac{2p}{3}$  = 1-2 × m  
 $\frac{2p}{3}$  = 1-4 × 3

8.

$$\frac{125}{100} \times 100 = 500 \times 100 \text{ M}$$

## Radius



C) for 90 Para

13

$$100 = 8h + 12h$$

 $100 \times 2 = \frac{20}{2} h \times 2$ 

14.

D=360km T=?? S=90km/hr

Less hours

$$6^{2q+1} \div 6^{2} = 6^{0}$$

$$6^{2q+1-2} = 6^{0}$$

$$6^{2q+1-2} = 6^{0}$$

$$2q+1-2 = 0$$

$$\frac{1}{2} = \frac{1}{2} \times \frac{1}$$

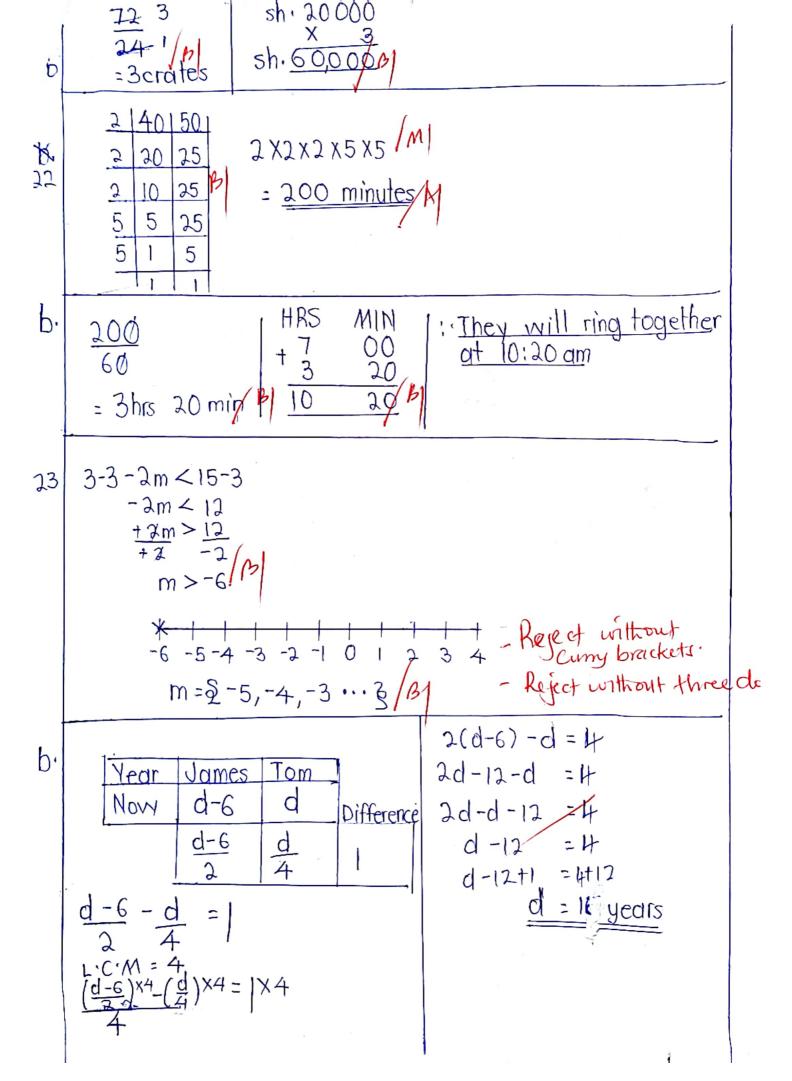
(6+4) x 2.4 M 16.

一,"村江"95

1kg = 1000g43.5kg = (435 × 1000) gm = 43500 grams 18. 2 d = M 4dt2d = 180°/m d = 30° 449 = 400 + 40 + 91 19. CD XL IX = CDXLIX / BY 1:50 pm B 20. HRS MIN 50 HRS B SECTION B (60 marks) Adults Children → 3 meat pies @ Adults >4 chicken pieces@ Children

11.  $\frac{72}{3} = \frac{24}{8}$ 

36, E: Hoy, T



Year Joimes Tom

Now d-6 d Difference  $(\frac{d-6}{2}) - \frac{d}{4}$   $(\frac{d-6}{2}) - (\frac{d}{4}) = 1$ A. 5a + a + 7 = 37A. 5a + 7 = 37

$$\frac{2d-12-d}{4}$$
 = 1  
 $\frac{(d-12)x4}{4}$  = 1x4  
 $\frac{d-12}{4}$  = 4  
 $\frac{d-12}{4}$  = 16  
 $\frac{d-12}{4}$  = 10 years

A. 5a + a + 7 = 37 M 6a + 7 = 37 6a + 7 - 7 = 37 - 7  $6a = \frac{305}{6}$  a = 5 M

٥.	Total	Neither :	Probability:
	50 = 5x5 = 25 $20 = 2x5 = 10$ $0 = 5 + 7 = 12$ $0 = 3 = 5 - 3 = 2$ $40$	1-3 5-3 2	P=Desired Chances  Total Chances  = 2 /B1  49

Manages	Rem	Apples	Total	Rest Coranges	L
1	4-1	50%= <u>50</u> 1	1/4 +3	1-5	
4	44	1/2 × 3	2+30	8-5	
	3	12 74	-5/41	8 8	
	4	= 3/B	8/1	3/19	• 1
	i				

$$4xe + 28 = 4m$$

$$\frac{37}{1+8} = 4m$$

$$5 = \frac{360}{5} M$$

$$\frac{3.5}{2.5}$$
 =  $\frac{3.60}{2.5}$  12

27 (1xk²)+(0xk¹)+(4xk°) 1= (5x7¹)+(5x7°) √M/ = 35+5 k2 + 4  $k^2 + 4 = 40$  $\sqrt{k^2} = /36/M$ Reject without (basesix)  $\frac{k=6}{k}$  is base six A b. Day - Days = - (mod7) (4+7) - 6 = (mcd7)4' - 97' = Cmod7 / M/11 - 6 = Cmod7) $4 - \frac{97}{7} = - \pmod{7}$ = 5 (mod7) A : 5 represents Friday 4- 13 rem6 = - Cmol 7) 4 - 6 = -(mod7)METHOD 1 WETHOD 2 More = 5p. -34 28. Quest Richard Total 5p 10p More = 5p - 3p 2P = sh.80000 = 2p/B1 1P = 5h. 80000  $\frac{2p}{2} = \frac{sh \cdot 80000}{}$ = sh. 40000 p=sh.40009 B1 10p = 10 x 40000 Jotal share = sh 400,000 10p 10xp m Accept other correct morking 10×40000 = sh. 400000 A

METHOD 2 WELHOPT p = sh . 40,000 5p b 5p = 5xsh-40,000 5XP = sh · 200000 5×40000 =sh.200,000 25000 X3950 20000 X370 2q. 98,750,000 143950000 \$70,000 \$h\frac{74,00,000}{2} + 7,400,000 119750000 17900000 Ug · sh · 106,150,000 98750000 sh 98,75000C <u>1491000</u>√M, 4200,=== b. : 355 euros/M  $\frac{40n}{40} = \frac{50}{10}$   $\frac{10}{10} = \frac{50}{10}$   $\frac{10}{10} = \frac{50}{10}$   $\frac{10}{10} = \frac{10}{10}$   $\frac{10}{10} = \frac{60}{10}$   $\frac{10}{10} = \frac{60}{10}$ 30 Accept any other Correct working

=0.036/K

(1/2+1/4)=1/3 Accept any other king ' (2+1) - 1/3/M 3-1-3-4-12 Sketch J 5cm 3.5cm Accurate diagram Angle KJL = 30°, 29°, 31/181