	8th Mallis Mensuration Test Joapes
-All and	
0.1.	The cover of three adjacent faces of a cuboic cover on your 3 usq ruits. If its volume is V cubic cinits. Then?
	uts volume as V carbo ants. There:
Sof:-	ne-ub
	y - bh Z - h1
	$ay3 - (1bh)^2$
	Vayz · V
and the	
	xhz = N2
0.2.5	Two cribes ouch of edge. Eccessions is in all
<u></u>	Two crubes each of edge 5 can are joined fac do face. The isorface carea of the rub oid thus sormed is equal ito:
	oid others souned is equal ito:
801.	The spanning of the spanning o
1.	6:5
	8A. 2(1) + bb (1)
	2(16+6h+1n) = 2(16+6h+1n)
112	= 2(10x3 - 10x3) = -2(10x3 - 10x3)
	20125)
	230 cm <sup>2</sup>

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
0.8>	A rectangular wheel of paper 92cm x15cm
	is altitude along of by hardely of paramage
	hollow carlindly. The vadius of the
	hollow cylinder. The vadicis of the
801:-	
001.	22
	<b>9</b>
	29 2271
	22 - 2 x 22 x 7
	22X7 - 2
	3.5-7
	(5)-1
0 (1)	1- Divides society is coloubled sound showship
W· 4.)	In a cylinder ravius is cloubled and cheight us halved It? - C.S. A will de!
	us charled the
Q . P	001 D 2 D 2 D 2 D 2 D 2 D 2 D 2 D 2 D 2 D
001;-	C.S.A of cylindes = 2 got Now insciens is doubted and cheight is
	1000 cm della us assured ung saying us
	Malf
	001 il Al a a 1: day a 5 (000) a b
And the second	CSA of New cylinder = 2x7 (2x) x2
	- Joh - ma Cit of culin
A Company of the	both have same CSA
7:0	
(A.7.)	(1) (1) (1) (1) (1) (1) (1)
A STATE OF	put in a broom of Edemension Oux Maxshy
	L'W

S.o.P.	Obganal - V12+b2+h2 - V102+102+52
	- V225
	- 15m.
Q.6·>	A upefallic sheef is of the vecologular, shape with dimensions 48cm x 80cm. From each one of its con- news a square of side 8 cm is cut off. An fen close is made of the vernaining sheef.  Find the volume of the close.
	8
Sof:-	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	U=32 on
	b : 20·4.7
1	h:8cm
•	V. (exixh)
	= (32720x8)cm3
	= 5120 cm3
7.)	Apipe chaving an area of cross-section of semain one minute of the espeed of wester in pipe is 80 cm/sec
8.0.	Annu realisa Sona
001	cheese section = 3cm2
	Speed of flowing water : 30 m/sec
	year of glanding with a som

-	
Xee Constitution	
	Water flowing in 1 min - (5x30)x60
M. 2	- gewen3
	- 9 lit (row cm3)
	-11:4
Will as the	William Committee the second of the second o
6.8.	The clength closeadth and cheight of a visom.
	are Sm. 4m, and 3m versbertitely. And
4 14 21	the cost of fainting the walls of the
	woom and relling of the write of RS SD
	per m2
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Pop.	1 - Sm
207.	b:4m
	n-3m
	Area of 4 wall and ceiling = $2(1+b) \times h + 1b$ = $2(5+4) \times 3 + 5 \times 4$
7	$= 74 \text{ m2}$ Cost of painting at the rate of Rs. $50 = \text{Rs.}$ $50 \times 74 = \text{Rs.}$ $3700$
1135	- Control parameters of the control
*	<del>-</del>
	-
-151λ <sub>1</sub> (1.11)	
001	A 1 0 1 1 1
0.9.)	A viver 3m coloop cand 40m wide is flowing
	at the viale of Ikm per chair. How much I wafer will fall winto the user in a
	wafer well ifall winto the used in a
	minute?
7446	
	나는 경기가 되었다. 그는 사람들은 사람들은 사람들이 되었다. 그런 사람들은 사람들은 사람들은 사람들은 사람들이 되었다.

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
0 .	
Sof:-	Speed of flouring weafer - 2Km/h
	gring - 100 m/min
	60
ASSES 1	3
	1: 100 - b=40m, h:3m
	V. of water flow in 1 nin
6 52 1	$D = (1 \times D \times D)$
	- 600 : 40x3
	8 1 401
	<u> - 4 00 m3</u>
0.10.	The idiameter of a cylindrical waller Bocm
	clong is sy cm tet classes 500 complete.
*	exerciply tions to eliver a plant or and find the
	coerrobutions to clevel a playground. And the cost of eleveling it at the 17 50 per 89-m.
<b>(</b>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
201:-	Dist cours in 1 grevolution
	EC. A - Levelin alex
	Dist coves en 1 revolution
	$\frac{-2x^{22}}{7}x^{60}x^{84} = 31680 \text{ cm}2$
	Area swept in 500 revolution = 31680x 500/10000
	_
	= 1584  m2
	Cost of leveling = 7. $50 \times 1584 = Rs.11880$

, , , , , , , , , , , , , , , , , , ,	
11.)	A well is dug 20 m collep and if has adja- meter of then. The earth owhich is so volug out is spread on a verdangular plot
	22 on long and 14 m clarange allohat his offer height of the plant ormed
Self.	V. of Earth edig out - 75°5
	D 1 22 X 2 X 2 X 2 X 2 X 2 X 2 X 2 X 2 X
	- & AAOCM3
	22m Area of ground 22m - 812l m <sup>2</sup>
	52m - 808m2
	h- V
A SE	9reg
	- 770
State Control	308
	- 2.5