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What was the amount spent on electricity?

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MODEL QUESTIONS

Directions (1 - 05): Study the following table to answer the given questions.

> Production (in crore units) of six companies over the years.

Company	Years						
	1997	1998	1999	2000	2001	2002	lotal
ТР	103	150	105	107	110	132	707
ZIR	75	80	83	86	90	91	505
AVC	300	300	300	360	370	340	1970
СТИ	275	280	281	280	285	287	1688
PEN	25	30	35	40	42	45	217
SIO	85	87	89	91	92	96	540
Total	863	927	893	964	989	991	5627

years in what percent of that of last two given years ? (round off up to two decimal places) 1) 87.08 2) 104.55 3) 90.40 4) 10.62 5) None of these

- 5. For ZIR, which of the following the difference between is production in 2002 and that in 2001 ?
 - 1) 10,00,00,000
 - 2) 1,00,00,000
 - 3) 10,00,000
 - 4) 40,00,000
 - 5) None of these

Directions (06 - 10) : What should come in place of the question mark (?) in the following questions. **6.** $(98)^2 + (?)^2 = (149)^2 - (78)^2 - (78)^2$ 737 1) 6084 2) 76 2) 87 1) 6724

= 10000000 units

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these questions :

Details about the distribution of employees and expenditure of an organization. (Distributed proportionately acr-

oss the departments) Annual expenditure on different items. Total expenditure = Rs.12crores





11. What was the total expenditure on Accounts department? 1) Rs.16.8 lakhs 2) Rs.1680 lakhs 3) Rs.18.6 millions 4) Rs.16.8 millions 5) None of these

computer department ? 1) Rs.11.52 lakhs 2) Rs.11.52 millions 3) Rs.10.72 lakhs 4) Rs.10.72 millions 5) None of these

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	5) 82 4) 0724	120/ 70/	5) None of these	
1. The product of company AVC in	5) None of these	12%	12. What was per employee expen-	Directions (16 - 20) : What will
2000 is approximately what	7. (8.34% of 793) – (12.51% of		diture on medical ?	come in place of question mark (?).
percent of its average production	(286) = ?	Electricity	1) Rs 12000 2) Rs 13000	16 ? 272 216 168 124 82
over the given years?	(1) 33 3756 (2) 36 3657	Maintenance	$\begin{array}{c} 1) \text{ Rs.12000} \\ 2) \text{ Rs.13000} \\ \end{array} \\ \begin{array}{c} 2) \text{ Rs.13000} \\ 13500 \\ \end{array} \\ \begin{array}{c} 1 \\ 13500 \\ 13500 \\ \end{array}$	1) 3/2 2) 3/4
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	22%	5) Ns. 12300 4) KS. 13300	1) 542 $2) 544$
1) 300 2) 110	3) 30.3576 4) 28.3675	Salary 30% Medical	5) None of these	3) 340 4) 338
3) 136 4) 18.25	5) None of these	13%	13. What was the total expenditure	5) 336
5) 95	8. 555.05 + 55.50 + 5.55 + 5 + 0.55		on salary of employees in mark-	17. 12, ?, 1048, 6294, 25180, 50362
2. For SIO, which year was the	= ?	Transport	eting department ?	1) 128 2) 136
percent increase or decrease in	1) 621.65 2) 655.75	5%	1) Rs.6.12 lakhs	3) 130 4) 134
production from the previous	3) 634 85 4) 647 35	Departmentwise distribution of	2) $R_s 61.2$ millions	5) 124
ver the highest ?	5) None of these	employees	$3) \mathbf{P}_{\mathbf{S}} \in 12 \text{ millions}$	18 2 7 25 105 531 2
$\frac{1}{2001} = \frac{2}{1008}$	0 $[(40)^3 : 80 \times 161 : 25 = 22 \times 2$	Total www.han.of americanaes	$(1) \mathbf{P}_{\mathbf{a}} = 176 + 16 + \mathbf$	10. 2, 7, 25, 105, 551, 1
1) 2001 2) 1998	9. $[(40)^3 \div 80 \times 16] \div 25 = 32 \times ?$	Total number of employees	4) Ks. 1 / 6 lakns	1) 3836 2) 3275
3) 2002 4) 2000	1) 12 2) 15 3) 18	= 1200	5) None of these	3) 3193 4) 3525
5) None of these	4) 21 5) 16		14. What was the amount spent on	5) 3143
3. For how many companies did the	10. $6784 + 2213 + 844 - ? = 6743 + $	Account	electricity ?	19. 5040, 2520, 7560, 1890, 9450, ?
production increase every year	775	Operation 14%	1) Rs.132 millions	1) 1575 2) 1590
form that of the previous year?	1) 2332 2) 2323	28% Admin	2) Rs.13.2 lakhs	3) 1675 4) 1175
1) One (2) Two	3) 2343 4) 2442	18%	3) Rs 126 millions	5) 1475
$\begin{array}{c} 1 \\ 3 \\ \end{array} $ Three $\begin{array}{c} 2 \\ 1 \\ \end{array} $ Four	$5) 2515 \qquad 1) 2112$	FINI	$(1) \mathbf{P}_{\mathbf{S}} = 12.6 \text{ lakbs}$	20 20 40 57 80 111 2
5) None of these	5) None of these	Personnel	(4) None of these	$20. 29, \pm 0, 57, 80, 111, 1$
5) None of these		Computers 8% Marketing 15%	3) None of these	$\begin{array}{c} 1) 150 \\ 2) 151 \\ 2) 152 \\ 1 147 \\ \end{array}$
4. The total production of the s_1x	Directions (11 - 15) : Study the	17%	15. What was the expenditure on	3) 152 4) 147
companies in the first two given	following graph carefully to answer		telephone for employees in	5) 155
(1-05): 1) 2:	$2000 = \frac{89}{89} = 2.24\%;$	0) 2; 7) 3; 8) 1;	Amount spent on electricity	$\times 10 + 10$, $\times 8 + 8$, $\times 6 + 6$ and so
1) 2;	$2001 = \frac{1}{100} = 1.09\%;$	8) 1;	$12000000 \frac{11}{100}$	on
Production of company AVC in	91	9) 5;	100	18) 3;
2000	$2002 = \frac{4 \cdot 100}{2002} = 4.34\%$	10) 2;	Rs. $13200000 = $ Rs. 132 lakhs	Series is
= 36 crore units	92	11) 4;	15) 1; Expenditure on telephone for	$\times 2 + 3$, $\times 3 + 4$, $\times 4 + 5$ and so
Average production of AVC over	3) 3;	Total expenditure on accounts	employees in computer	on.
the given years	Those companies are : ZIR, PEN	department	department.	19) 1 ; Series is
300 + 300 + 300 + 360 + 370 + 340	and SIO	12000000 168	16) 2; Series is	$\div 2, \times 3, \div 4, \times 5$ and so on.
6	4) 3;	1200	-72, -56, -48, -44, -42, and	20) 3: Series is
1970	Total production of the six	120000000 14	so on	+11, $+17$, $+23$, $+31$, $+41$, and
=	companies in first two given	$=120000000$ $\overline{100}$	17) 3:	SO 01
Hence required per cent	vears	- Rs 16.8 millions	17) 0,	50 011.
36 6	-863 ± 0.000	17) 2 •		
$=\frac{3000}{1070}$ 100	$-000 \pm 927 - 1790$	Don amplauss arranditure	AD a TC 10th Alas	
100 (100 - 1100)	Again, total production of the six	rei employee expenditure on		9 - EM & IM TOOS
$= 109.64\% \approx 110\%$	companies in last two given	medical		SAKSHI EDUCATION
2) 3;	years	1560000		
Approximate percent increase or	= 989 + 991 = 1980	$=\frac{15600000}{10000000000000000000000000000000$	• Stuc	y Material
decrease in production from the	Therefore, require percent	1200		
previous year for SIO are as	1790 100	13) 3;	• Moo	lel papers
	$= 90 \ 40\%$, ,		
follows :	$\frac{1730^{\circ}}{1980} = 90.40\%$	Total expenditure on salary of		N-306-27-2-
follows : $1998 = \frac{2 \cdot 100}{-2.35\%}$	$\frac{1750-100}{1980} = 90.40\%$ 5) 2;	Total expenditure on salary of employees in marketing depa-	• Prev	vious Papers
follows : $1998 = \frac{2 \ 100}{85} = 2.35\%;$	5) 2; The required different $(91 - 90)$	Total expenditure on salary of employees in marketing depa- rtment	Prev	vious Papers
follows : $1998 = \frac{2 \ 100}{85} = 2.35\%;$	5) 2; The required different $(91 - 90)$ crore units	Total expenditure on salary of employees in marketing depa- rtment 36000000	• Prev	vious Papers
follows : $1998 = \frac{2 \ 100}{85} = 2.35\%;$ $1999 = \frac{2 \ 100}{87} = 2.29\%;$	5) 2; The required different (91 – 90) crore units = 1×10000000	Total expenditure on salary of employees in marketing depa- rtment $=\frac{36000000}{1200}$ 204	• Prev	vious Papers



= Rs. 6.12 millions