.N.	Question		Choice1	Choice 2	Choice 3	Choice 4	Choice 5	Right Ans (Numeric)	Explanation
	Direction (Q.1 - Q.7): The following pie-char	t show	the percentage o	 listribution of th	e expenditure inc	urred in publishin	g a book. Stud	y the pie-chart a	and answer the questions based on it
		V	arious Expenditu	ires (in%) incur	red in Publishing	g a book			
		Prom	Transportat		discellaneous, 5%		Royalty, 20%		
							Pri	nting Cost, 10%	
			Binding, 30	0%			Pape	r cost, 15%	
	What is the central angle (in degrees) of the s corresponding to the Miscellaneous Expendit		12°	14°	10°	15°	18°	5	Central angle corresponding to the Miscellaneous expenditure=5% of 360°=18°
	Which two expenditures together have a centangle of 54°	tral	Transportation & Paper Cost	Printing Cost &		Transportation & Miscellaneous	Binding & Miscellaneou s	4	Central angle of 54°= (54*100/360)% of the total expenditure; 15% of the total expenditure; Out of the given option, miscellaneous expenditure an Transportation expenditure together forms 15% of the total expenditre and have a cent angle of 54°
	Paper cost is less than binding cost by what %	ζ?	90%	95%	100%	80%	85%	3	Paper Cost of the book = 15% of CP; Binding Cost of the book=30% of CP; Difference=(30 of CP)-(15% of CP)=15% of CP; %Difference=(Difference*100)/Printing cost 15*100/15=100%

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S.N.	Question	Choice1		Choice 3	Choice 4	Choice 5	Right Ans (Numeric)	Explanation
4	If for certain quantity of books, the publisher has to pay Rs 30,600 as Royalty , what will be the expenditure (in Rs) incurred as paper cost for these books?		22950	23570	22590	22470	2	Let the expenditure incurred towards paper cost for the books be x; 20:15=30600:x; x=Rs 22950
5	If 5500 copies are published and the transportation cost on them amounts to Rs 88000, what should be the selling price of each book so that the publisher can earn a profit of 25%?		210	200	220	215	3	For the publisher to earn a profit of 25%, SP=125% of CP; Transportation cost=10% CP Let the SP of 5500 books be Rs x; 10:125=88000:x; x=(125*88000)/10; x=11,00,000; SP of 1 book=1100000/5500=200
6	If the difference between the two expenditures are represented by 54°in the pie chart, then these expenditures possibly are and	Royalty and Printing Cost		Binding and Paper cost	Binding and Promotion	Binding and Royalty	3	Central angle of 54°= (54*100/360)% of the total expenditure; 15% of the total expenditure; Out of the given option,Expenditure difference in Binding and Paper cost is 15% of total expenditure.
7	If for an edition of the book, the cost of paper is Rs 60000, find the promotion cost (in Rs) for this edition?	37500	41000	39000	40000	40500	4	Let the promotion cost for the edition be x; 15:10=60000:x; x=40000

					Eligible Candidate			
•	Question	Choice1	Choice 2	Choice 3	Choice 4	Choice 5	Right Ans (Numeric)	Explanation
	Direction (Q.8 - Q.12): A company produces heal below.Study the graph and answer the questions		ee different flavo	urs A,B and C . Th	ne production of t	he three flavour	s over the period	 of 6 years has been provided in the bar graph
	Production of 3 different flavours of health drinks A,B,C by a Company over the years(in lakh bottle)							
	70 60 60 60 55 50 55 50 55 50 50 45 40 40 40 30 20 10 2014 2015 2016 2017 2018 2019							
	■ A ■ B ■ C							
	For which of the following years the percentage of rise/fall in production from the previous year is maximum for flavour A	2015	2016	2017	2018	2019	2	The percentage rise/fall in production from previous year for flavour A duiring the vario years are: In 2015 (55-50)*100/55=9.09% (decrease) In 2016: (60-50)*100/50=20%(increase) In 2017: (60-55)*100/60=8.33%(decrease) In 2018:(55-50)*100/55=9.09% (decrease) In 2019: (55-50)*100/50=10% (increase); Maximum change is increase of 20% in 2016

S.N.	Question	Choice1	Choice 2	Choice 3	Choice 4	Choice 5	Right Ans (Numeric)	Explanation
9	For which flavour the average annual production is maximum in the given period	A only	A and B	A and C	B only	B and C	1	Average annual production for A:(55+50+60+55+50+55)/6=54.17 lakh bottles; B:(50+40+55+45+60+50)/6=50 lakh bottle C:(45+60+50+60+45+40)/6=50lakh bottles; Maxium average production is for A
LO	The total production of flavour C in 2016 and 2017 is what percentage of total production of flavour B in 2014 and 2015	110.75%	133.33%	98.66%	115.33%	122.22%	5	Required %: (50+60)*100/(50+40)=(110*100)/90=122.229
l1	What is the difference (in lakh bottles) between the average production of flavour A in 2014,2015 and 2016 and the average production of flavour C in 2017,2018 and 2019?	5.57	6.67	5.87	6.37	5.77	2	Average production for A in 2014,2015 and 2016:(55+50+60)/3= 55 lakh bottles; Average production for C in 2017,2018 and 2019:(60+45+40)/3= 145/3=48.33 lakh bottles; Requires difference= 55-48.33= 6.67 lakh bottle
12	What was the decline in the production in flavour C in 2019 as compared to the production in 2015	10%	25%	33.33%	13.33%	16.67%	3	Required % decline : (60-40)*100/60= 33.33%

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S.N.	Question	Choice1	Choice 2	Choice 3	Choice 4	Choice 5	Right Ans (Numeric)	Explanation	
13	In an exam for a Bank Clerk, consisting of 200 questions, you attempted 45% of the first 60 questions correctly. How many of the remaining 140 questions need to be answered correctly to score overall 65% in the exam considering that there are no negative marks?	120	123	113	103	108	4	Required number of correct answers is 65% of 200 that is 130. Already correctly answered questions are 45% of 60 i.e. 27. Remaining questions to be answered are 130-27=103 out of remaining 140 questions.	
14	N is a whole number which gives remainder 5 when divided by 6. The remainder when 2N is divided by 6 is	2	1	4	3	5	3	On dividing N by 6, if remainder is 5; then the remainder on dividing by 2N will be 5+5 =10. This (10) can be further divided by 6 which gives remiander of 4.	
15	Two numbers differ by 4. If their product is 117, then what is the sum of the two numbers ?	21	26	22	28	30	4	Let the larger number be x and smaller number be y. x-y=4 xy=117 After deducing the equations x=13 and y=9 So, x+y=22.	