# = Iraining for Professional Competence=

### Capgemini mock-2

Q1. Which of the	e following numbe	. •	ly divide $(4^{61} + 4^{62} + 4^{63} + 4^{64})$ ?
(a) 3	(b) 10	(c) 11	(d) 13
Q2. A 30% loss o	n cost price is what	percent loss on s	selling price?
(a) 30%	(b) 20%	(c) 15%	(d) None of these
	ire a taxi for Rs. 240 w much did C pay?	0 for one day. A,	B and C used the car for 6 hours, 8 hours and 10 hours
(a) Rs. 800	(b) Rs. 1000	(c) Rs. 600	(d) Rs. 1200
	investments of A ar hen find the period		ne ratio of their yearend profits is 20 : 21. If B invested A:
(a) 6 months	(b) 8 months	(c) 10 mont	hs (d) 12 months
Q5. What percer	nt is 2 minutes 24 se	econds of an hou	?
(a) 6%	(b) 2%	(c) 4%	d) 8%
Q6. (Sin 30°+cos	60°)-(sin 60° + cos 3	30°) is equal to:	
(a) 0	(b) $1+2\sqrt{3}$	(c) 1-√3	(d) $1+\sqrt{3}$
the ages of these		he average age of	6 years old and the wicket keeper is 3 years older. If the remaining players is one year less than the average team?
(a) 23 years	(b) 24 years	(c) 25 years	(d) None of these
	st of 8 buckets and ! 2 mugs and 3 bucke	<del>-</del>	nd the total cost of 5 buckets and 8 mugs is Rs. 77.
(a) Rs. 35	(b) Rs. 70	(c) Rs. 30	(d) Rs. 38
Q9. If 4x/3 + 2P =	= 12 for what value	of P, x = 6?	
(a) 6	(b) 4	(c) 2	(d) 1
Q10. What numl	ber must be added	to the expression	16a^2 – 12a to make it a perfect square?
(a) 9/4	(b) 11/2	(c) 13/2	(d) 16
V20			

Conclusions:

### Q11. The straight line 2x + 3y = 12 passes through:

(a) 1St, 2nd and 3rd	quadrant (	(b) 1st, 2nd and 4th quadrant					
(c) 2nd, 3rd and 4th	quadrant (	(d) 1st, 3rd and 4th quadrant					
Q.12 In ΔABC, ∠A +	∠B = 65°, ∠B + ∠C =	140°, then find ∠B.					
(a) 40°	(b) 25°	(c) 35°	(d) 20°				
	ge of husband, wife a ns 20 years. The pres	•	rs ago was 27 years and that of wife and the and is:	9			
(a) 35 years	(b) 40 years	(c) 50 years	(d) None of these				
	_		umber obtained by interchanging the position gits of that number?	ons			
(a) 3 (b) 4	(c) 9 (d) Ca	nnot be determine	d (e) None of these				
Q15. B is the only ch	nild of A. M and N are	e the children of B.	O is the grandmother of N. How is A related	to			
(a) Grandmother	(b) Husband	(c) Mother	(d) Son				
=	the park and sees a nd-wife. How is the g	=	zed to be his relative. The girl was the daugh an?	iter			
(a) Niece	(b) Sister-in-law	(c) Sister	(d) Aunt				
Engineer, and Accou Lady Teacher. The D	intant. There are two octor is married to tl	o married couples in the Lawyer U, The Ad	are Lawyers, Doctor, Teacher, Salesman, the family. S, the salesman is married to the countant is the son of Q and brother of T. R, eer. P is the Grandmother of U. Which is the	, the			
(a) Lawyer	(b) Teacher	(c) Doctor	(d) Accountant				
Q18. A lady runs 18 and in which direction		d then24km toward	s North how far is she from her starting poin	ıt			
(a) 42 km North-eas	t (b) 42 km East	(c) 6 km East	(d) 30 km North-east				
Q19. Statements:							
All red is black. All black is pink.							



(a) Running

(b) Sneaker



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1. Some black are red 2. Some pink are red 3. Some red are not p 4. All pink are black	i	•				
(a) Only 1 and 2	(b) Only 1 and 3		(c) Only 1 and 4	(d) C	only 2 and 4	
captains. The captain a report to the assem	s were L, M, N, and ably as follows: Eac tain to speak was N	l O; th h of th 1, and	e first mates were ne first mates deliv captain N spoke a	A, D and Gered their i	ne first mates of three of Each person, in turn, of eport exactly after his Among the following o	delivered or her
(a) A	(b) B	(c)	C	(d) D	(e) E	
Q21. Statements:						
All phones are compu	uters.					
All computers are cal	culators.					
Conclusions:						
1. All calculators ar	e computers					
2. All phones are ca	alculators					
3. All computers ar	e phones					
4. Some calculators	s are phones					
(a) Only 1 and 4	(b) Only 3 and 4		(c) Only 2 and 4	(d) Or	nly 1 and 2	
Q22. O, T, T, F, F, S, S (	what is the next)					
(a) E (	(b) F	(c) G	(d)	Н		
Q23. The oar is to rov	wboat as the foot is	to				

(d) Jumping

(c) Skateboard





Directions (24-28): Study the given information carefully and answer the given questions:

Eight people -A, B, C, D, E, F, G and H are sitting around a circular table facing the centre, not necessarily in the same order. Three people are sitting between A and D. B is sitting second to the right of A. C is to the immediate right of F. D is not an immediate neighbour of either F or E. H is not an immediate neighbour of B.

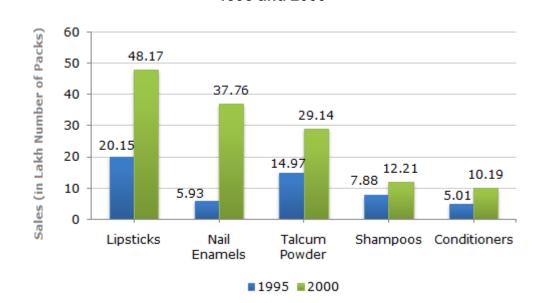
В.						
Q24. What is E's	s position with	respect to G?				
(a) Third to the	lef	(b) Second tot the right		(c) Third	to the right	
(d) Second to the left		(e) Fifth to th	e right			
	_		• •	based on their se elong to the grou	ating positions in the alp?	ove
(a) GE	(b) DC	(c) AF	(d) AB	(e) DB		
Q26. Who is sitt	ting third to the	e right of the or	ne who is sit	ting to the immed	diate right of H?	
(a) A	(b) B	(c) E	(d) C	(e) G		
Q27. Which of t	he following is	true regarding	the given a	rrangement ?		
(a) E is second t	o the left of C	(b) B	is an imme	diate neighbour o	f G	
(c) H is an imme	ediate neighbou	ur of A (d) [	) is not an ir	nmediate neighb	our of H	
(e) None Of the	se					
Q28. How many	people are sit	ting between F	I and A whe	n counted from tl	ne right side of H?	
(a) Three	(b) None	(c) More	than three	(d) One	(e) Two	
Q29. A vendor k	oought toffees	at 12 for two ru	upees. How	many for a rupee	must he sell to gain 20	%?
(a) 3	(b) 4	(c) 5		(d) 6		
Q30. The sum a time is 131.	•	s of three num	nbers is 13	8, while the sum	of their products take	n two at
(a) 20	(b) 30	(c) 4	0	(d) None of t	hese	



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Directions (31-35): A cosmetic company provides five different products. The sales of these five products (in lakh number of packs) during 1995 and 2000 are shown in the following bar graph.

Sales (in lakh number of packs) of five different products of Cosmetic Company during 1995 and 2000



Q31. The sales of lipsticks in 2000 was by what percent more than the sales of nail enamels in 2000? (rounded off to nearest integer)

- (a) 33%
- (b) 31%
- (c) 28%
- (d) 22%

Q32. During the period 1995-2000, the minimum rate of increase in sales is in the case of?

- (a) Shampoos
- (b) Nail enamels
- (c) Talcum powders
- (d) Lipsticks

Q33. What is the approximate ratio of the sales of nail enamels in 2000 to the sales of Talcum powders in 1995?

- (a) 7:2
- (b) 5:2
- (c) 4:3
- (d) 2:1

Q34. The sales have increase by nearly 55% from 1995 to 2000 in the case of?

- (a) Lipsticks
- (b) Nail enamels
- (c) Talcum powders
- (d) Shampoos

Q35. The sales of conditioners in 1995 was by what percent less than the sales of shampoos in 1995? (rounded off to nearest integer)

- (a) 57%
- (b) 36%
- (c) 29%
- (d) 25%

Q36. If X + Y means X is the daughter of Y; X - Y means X is the brother of Y; X % Y means X is the father of Y and  $X \times Y$  means X is the sister of Y. Which of the following means Y is the niece of Y?

- (a) J N % C x I
- (b) I x C N % J
- (c) J + M x C % I
- $(d) I \times C + N J$

Q37. In the series 2, 6, 18, 54, ..... what will be the 8th term?





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(a) 4370

(b) 4374

(c) 7443

(d) 7434

Q38. In a family, each daughter has the same number of brothers as she has sisters and each son has twice as many sisters as he has brothers. How many sons are there in the family?

(a) 2

(b) 3

(c)4

(d)5

Q39. How many days are there in x weeks x days?

(a) 7x2

(b) 8x

(c) 14x

(d) 7

Q40. At what angle the hands of a clock are inclined at 15 minutes past 5?

(a) 55.5°

(b) 64°

(c) 67.5°

(d) 72.5°

# **Answer key**

1	В	9	С	17	В	25	В	33	В
2	D	10	Α	18	D	26	С	34	D
3	В	11	В	19	Α	27	В	35	В
4	С	12	В	20	Е	28	Е	36	D
5	С	13	В	21	С	29	С	37	В
6	С	14	В	22	Α	30	Α	38	В
7	Α	15	В	23	С	31	С	39	В
8	Α	16	Α	24	D	32	Α	40	С