Asst Manager (Sys) - Pre-Examination Training for Eligible Candidates: Test of Reasoning - Set 1

SR	Question	Option1	Option2	Option3	Option4	Option5	Ans	Explanation
	Directions (1-3) In each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below is/are definitely true and give your answer accordingly. (a) If, I is true (b) If, II is true (c) If either I or II is true (d) If, neither I nor II is true (e) If, Both I and II are true.							
1	Statements: J > M, N <= R, R < M Conclusions: I N < J II N < M	A	B	C	D	E	5	J > M > R >= N, both are true
2	Statements: F < N, N = D, D > T Conclusions: I F > T II N > T	A	B	C	D	E	2	F < N = D > T, only II is true.
3	Statements: H > J, J < Y, Y >= K, K = W Conclusions: I W = Y II K < J	A	B	C	D	E	4	H > J < Y >= K = W, none is true.
4	A correctly remembers that B's birthday is in the month of January. C correctly remembers B's birthday is after 15th	18	22	17	20	23	1	The Wednesdays in the month fall on 4th, 11th, 18th, 25th. But as B's birthday is between 15th and 25th, the only possible date is 18th.

	January. D remembers that B's birthday is on a Wednesday and before 25th. If the first day of January that year was a Sunday, then when is B's birthday?							
5	In a certain code ROSE is written as #43$ and FIRST is written as 5*#37. How is STORE written in that code?	473$#	473#$	374#$	347#$	None of these	3	R = #, O = 4, S = 3, E = $, F = 5, I = *, T = 7 STORE = 374#$

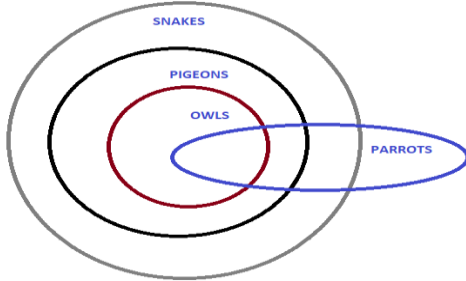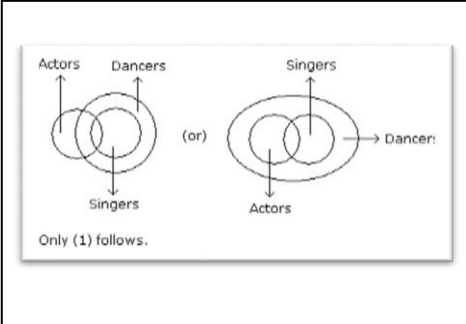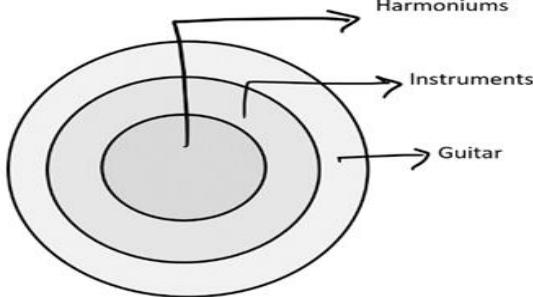Direction (6-10) Study the following information and answer the given questions.

Seven people, namely C, D, E, F, G, H and I like different cities namely, Surat, Kolkata, Bangalore, Mumbai, Ranchi, Delhi and PATNA. Each of them studies in either of three schools viz. DAS, RIS and VCS with atleast two of them in a school. F studies with the one who likes Bangalore in RIS. The one who likes Delhi studies only with H. H does not like Bangalore. C studies with those who like Surat and PATNA. C does not study with F. E studies only with the one who likes Mumbai. The one who likes Mumbai does not study with the one who likes Delhi. More than one person studies with D. D does not like PATNA. Both I and the one who likes Ranchi study in the same school but not in DAS. H does not like Ranchi.

6	Which of the following combinations represents the school in which E studies and the city he likes?	DAS-Bangalore	RIS-Bangalore	DAS-Kolkata	VCS Delhi	RIS-Delhi	2	
7	Which of the following cities does G like?	PATNA	Ranchi	Mumbai	Delhi	Surat	4	

#	Question	A	B	C	D	E	Ans	
8	Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Which of the following does not belong to that group	DF	CI	HG	FE	ID	1	
9	Who amongst the following likes Kolkata?	F	H	I	C	D	2	
10	Who amongst the following likes Kolkata?	The one who likes Delhi and Bangalore	The one who likes Ranchi and Mumbai	The one who likes Delhi, Mumbai and Kolkata	The one who likes PATNA, Surat and Kolkata	The one who likes Surat, PATNA and Ranchi	5	

School	Person	City
DAS	H	KOLKATA
	G	DELHI
RIS	F	MUMBAI
	E	BANGLORE
VCS	C	RANCHI
	D	SURAT
	I	PATNA

Direction (12-15): In each question below are given some statements followed by some conclusions. Read all the conclusions and then decide which of the given conclusions logically follows/follow from the given statements, disregarding commonly known facts.

| 11 | **Statement:** Quality comes with a price. India is spending a lot for education. **Conclusions:** (I). Soon improvement in the quality of education in India will happen. (II).Only funding can improve the quality of education. | Only conclusion (I) is valid | Only conclusion (II) is valid | Either conclusion (I) or (II) is valid | Neither conclusion (I) nor (II) is valid | Both the conclusions are valid | 1 | According to the given statement, to get quality education, one needs to spend much, and India is spending much for quality education. Therefore, it is for sure that the quality of education is going to improve in near future. Hence conclusion I is valid. Conclusion (II) however; is not valid as the statement does not mention funding or money as being the only option to improve quality. |

12	**Statements:** (I).Some parrots are owls (II).All owls are pigeons (III).All pigeons are snakes **Conclusions:** (I).Some parrots are pigeons (II). All pigeons are owls (III). All owls are snakes	Only conclusion (II) is valid	Only conclusion (I) and (III) are valid	Only conclusion (I) is valid	All the conclusions are valid	None of these	2	
13	Statements: Some actors are singers. All the singers are dancers. Conclusions: (I)Some actors are dancers. (II)No singer is actor.	If only conclusion (I) follows	If only conclusion (II) follows	If both conclusions (I) and (II) follow.	If neither conclusion (I) nor (II) follows	None of these.	1	
14	Statements: - All the harmoniums are instruments. All the instruments are guitar. Conclusions: (I)All the guitar are instruments. (II)All the harmoniums are guitar	Only conclusion (I) is true	Only conclusions (II) are true	Both conclusion (I) and (II) are true	Either conclusion (I) or (II) is true	None of these.	2	

| 15 | Statements:
Some pizzas are pasta.
All pastas are macaronis.
Some macaronis are pastries.
Conclusions:
I. All pizzas being macaronis is a possibility.
II. All pastas are pizzas. | if only conclusion (I) follows | if only conclusion (II) follows | if either conclusion (I) or (II) follows | if neither conclusion (I) nor (II) follows | None of these. | 1 | Pizza Pasta Macaronis Pastry

Some pizzas are pastas – converse – Some pastas are pizzas. Hence, conclusion II does not follow.

Hence, option 1 is correct |