



Practice Test-7

Number of questions: 30

Time Allowed: 30 mins.

Directions for questions 1 to 5: Read the information given carefully and answer the questions that follow.

Amit, Bharati, Cheryl, Deepak and Eric are five friends sitting in a restaurant. They are wearing caps of five different colours — yellow, blue, green, white and red. Also they are eating five different snacks — burgers, sandwiches, ice cream, pastries and pizza.

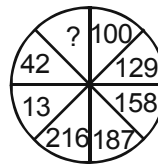
- I. The person wearing a red cap is eating pastries.
- II. Amit does not eat ice cream and Cheryl is eating sandwiches.
- III. Bharati is wearing a yellow cap and Amit wearing a blue cap.
- IV. Eric is eating pizza and is not wearing a green cap.

1. What is Amit eating?
(a) Burgers (b) Sandwiches
(c) Ice cream (d) Pastries
2. Who among the following friends is wearing the green cap?
(a) Amit (b) Bharati
(c) Cheryl (d) Deepak
3. Who among the following friends is having ice cream?
(a) Amit (b) Bharati
(c) Cheryl (d) Deepak
4. What is the colour of the cap Eric is wearing?
(a) Yellow (b) Blue
(c) Green (d) White
5. Which of the following combinations is not correct?
(a) Yellow + ice cream
(b) Red + pastries
(c) White + pizza
(d) Green + burger
6. Sapna started moving towards west from her home, she travelled 25 m and took a left turn. She travelled another 10 m and took a right turn and moved another 50 m, she took a left turn and moved another 25 m. How far is she from home?
(a) 25.32 m (b) 27.84 m
(c) 29.15 m (d) 29.86 m

7. If Sanjay, facing east, takes 24 right turns consecutively and then takes 45 left turns consecutively — after moving some equal distance before each turn which direction does he finally face?

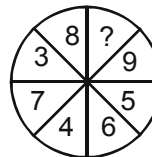
- (a) North (b) South
(c) East (d) West

Directions for questions 8 to 12: In the following questions, find the missing number in place of '?'.
8.



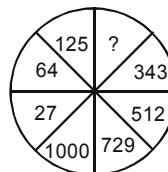
- (a) 65 (b) 69
(c) 71 (d) 73

9.



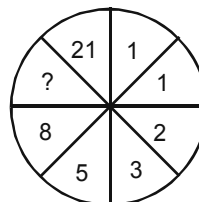
- (a) 13 (b) 11
(c) 9 (d) 6

10.



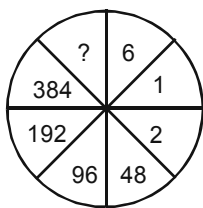
- (a) 224 (b) 246
(c) 216 (d) 288

11.



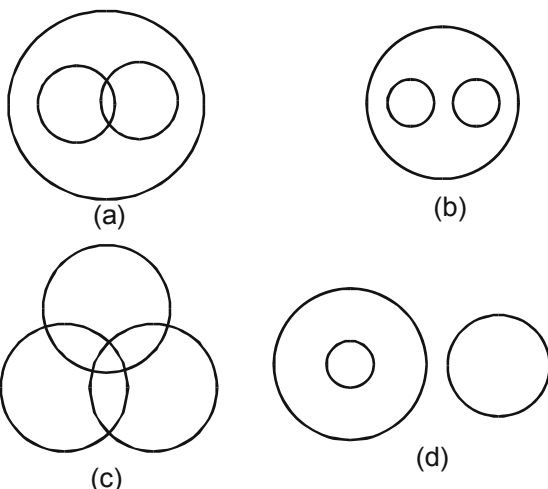
- (a) 13 (b) 14
(c) 15 (d) 16

12.



- (a) 874 (b) 3
(c) 784 (d) 4

Directions for question 13: In the following question, three classes are given. Out of the four given figures, you are to indicate the figure which best represents the relationship with the three classes.



13. Musician, Magician, Artist.

Directions for questions 14 and 15: Each question is followed by two statements, I and II. Answer the questions using the following instructions. Choose the answer as

- (a) If the question can be answered by one of the statements alone, but cannot be answered by using the other statement alone.
(b) If the question can be answered by using either statement alone.
(c) If the question can be answered by using both the statements together, but cannot be answered by using either statement alone.
(d) If the question cannot be answered even by using both the statements together.
14. Is x greater than y ?
I. $x + y = 6$
II. $x + 2k = 15, y + k = 10$
15. Of the 100 employees of a Swedish company, how many know both English and French?
I. 60 people know English, 50 people know French.
II. 10 people know German.

Practice Test-7

Directions for questions 16 to 20: Arrange the following sentences in a logical order to make a coherent paragraph.

16. A. In his letter inviting General Pervez Musharraf for talks last week, the Prime Minister wrote, "Our common enemy is poverty. For the welfare of our peoples, there is no other recourse but a pursuit of the path of reconciliation." True.
B. The vast majority of Indians and Pakistanis do without these things because we spend more on soldiers than on doctors, more on bombs and guns than on schools and roads.
C. The result in both countries is a standard of living so abysmal that it is not considered a standard of living outside South Asia.
D. Despite our vaunted nuclear capabilities and our vainglory, India and Pakistan are among the few countries left in the world in which the average citizen still has no access to the most basic requirements of modern life: clean water, education, reliable supply of electricity; roads; public transport; and healthcare.
- (a) BCDA (b) ADBC
(c) ABCD (d) DACB
17. A. Is there anything else to cheer about?
B. We have gone through the motions many times before.
C. Amid much fanfare and excitement our representatives meet in Islamabad or Delhi and sit across tables looking self-important and purposeful.
D. A difficult question to answer because we do not yet know if either India or Pakistan really want to talk or simply go through the motions of doing so.
E. To show how secular we are, our lot usually throws in a few pieces of bad Urdu poetry while their lot responds with similar tawdry verse.
F. Then they return home empty handed and sullen.
- (a) ADBCEF (b) BADCEF
(c) DCABEF (d) ACDBEF
18. A. Our attempts at dialogue usually fail because India refuses to discuss Kashmir — we consider it a domestic problem — while Pakistan insists that unless we talk about Kashmir it is not worth talking.
B. So are things going to be different this time?

- C. It is for Pakistan, as Musharraf often repeats, the core issue.
- D. They could be if the A.B. Vajpayee government sets itself a clear agenda that unambiguously states what we can do and what we cannot do about Kashmir.
- (a) ABCD (b) ACBD
(c) DACB (d) CABD
19. A. Dealing with Pakistan has not been easy.
- B. The Lahore bus trip was a sincere attempt at friendship and the General gave us Kargil.
- C. After that, he has whined on about being ready to talk to us anywhere at any time and at any place without understanding that we saw no reason to talk to him.
- D. In the words of a senior South Block bureaucrat, "We wanted them to stew a little. Why should we talk to them anyway?"
- (a) ABCD (b) BACD
(c) DABC (d) CDAB
20. A. But what can he talk to us about?
- B. If he is going to stick to the Pakistani position of a referendum under those ancient UN resolutions, which even the UN Secretary General has described as unenforceable, then there is nothing to talk about.
- C. If, on the other hand, he is prepared to consider peace without Kashmir being handed to him like some trophy, then there is a possibility of a dialogue.
- D. If he continues to deny that it is Pakistani terrorists who are killing innocent people on our side of the border then again we face a dialogue of the deaf.
- (a) ADCB (b) ABDC
(c) BACD (d) CADB

Directions for questions 21 to 24: In the following questions, there are two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read the conclusions and then decide which of them logically follows.

Mark answer:

- (a) If only conclusion I follows
(b) If only conclusion II follows
(c) If both conclusions I and II follow
(d) If neither conclusion I nor II follows

21. **Statements:**
All cycles are cars.
Some cars are not aeroplanes.
Conclusions:
I. Some cars are not aeroplanes.
II. All cars are not cycles.
22. **Statements:**
All bags are boxes.
No box is a purse.
Conclusions:
I. Some purses are not boxes.
II. Some boxes are not bags.
23. **Statements:**
All males are players.
All players are tall.
Conclusions:
I. All males are tall.
II. Some tall are males.
24. **Statements:**
Some boys are honest.
No honest is a fool.
Conclusions:
I. Some honest are not fools.
II. No boy is a fool.
25. In a certain code language ORIGINAL is coded as PTLKNTHT, what will be the code for REMARKS in the same code language?
(a) SGPFWQZ (b) SGPEWRZ
(c) SGPEWQZ (d) SGEPWQZ
26. In a certain code language JAPAN is coded as KCSES, what will be the code for CASTLE in the same code language?
(a) WTKKBU (b) WTKKAT
(c) WTKLBT (d) WTKKBT
27. Find the wrong term in the series.
51, 119, 153, 187, 223
(a) 187 (b) 119
(c) 223 (d) 51
28. Find the missing term in the series.
2, 7, 18, 41, 88, 183, ?
(a) 356 (b) 360
(c) 366 (d) 374

29. Pointing to a man in the photograph, Asha said, "His mother's only daughter is my mother." How is Asha related to that man?
- (a) nephew
 - (b) sister
 - (c) wife
 - (d) niece
30. P is the brother of D, X is the sister of P. A is the brother of F. F is the daughter of D. M is the father of X. Who is the uncle of A?
- (a) X
 - (b) P
 - (c) F
 - (d) M



Answer Key

- | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. (a) | 2. (c) | 3. (b) | 4. (d) | 5. (d) | 6. (c) | 7. (a) | 8. (c) | 9. (d) | 10. (c) |
| 11. (a) | 12. (b) | 13. (b) | 14. (c) | 15. (d) | 16. (b) | 17. (a) | 18. (b) | 19. (a) | 20. (b) |
| 21. (d) | 22. (a) | 23. (c) | 24. (a) | 25. (c) | 26. (d) | 27. (c) | 28. (d) | 29. (d) | 30. (b) |



Explanations

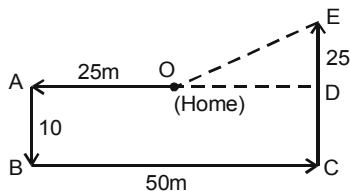
For questions 1 to 5: Fill up all the absolute data given. You will get the following table.

	Caps	Snacks
Amit	Blue	
Bharati	Yellow	
Cheryl		Sandwich
Deepak		
Eric		Pizza

Now from I, red cap and pastries have to be a combination. This cannot fit in anywhere but for Deepak since parts of the other combinations have filled. That leaves us with two colours of caps — green and white and two snacks ice cream and burgers. For caps, Eric does not wear green cap, hence out of the colours left, he has to wear the white cap. Again, Amit does not eat ice cream, therefore he has to eat burgers from the choices of snacks left. So we get

	Caps	Snacks
Amit	Blue	Burgers
Bharati	Yellow	Ice cream
Cheryl	Green	Sandwich
Deepak	Red	Pastries
Eric	White	Pizza

6. c Based on the direction given in the question we draw the following diagram with the help of which we can solve the question very easily:



we have to figure out OE.

By Pythagoras' theorem we get,

$$OE^2 = OD^2 + DE^2$$

$$\text{OR } OE = \sqrt{OD^2 + DE^2}$$

$$\Rightarrow OD = BC - AO \Rightarrow 50\text{m} - 25\text{m} = 25\text{m}$$

$$DE = CE - AB \Rightarrow 25 - 10 = 15\text{m}$$

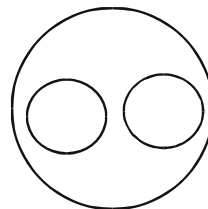
Putting the values of OD and DE in (A) we get

$$OE = \sqrt{25^2 + 15^2} = \sqrt{625 + 225} = \sqrt{850} = 29.15\text{ m.}$$

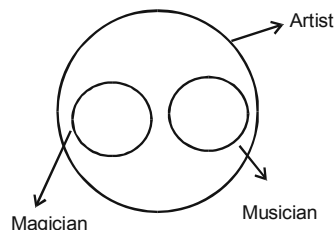
7. a After each consecutive four turns, the person is at the similar position from where he started. This holds true for both the right and left consecutive turns. as both 24 and 44 both are multiples of 4.

Therefore, after the 44th turn he is at the similar position from where he started. Obviously after the next left turn he will be facing north.

8. c Starting from 13, the next term in the upward direction is after +29 and +29 is added to the next terms.
9. d Two alternate series are moving, i.e.: 3, 4, 5, 6 and 6, 7, 8, 9. But these digits occupy the alternate sectors. As, 3, 4, 5 is there, the next term would be 6.
10. c All are perfect cubes of 3, 4, 5, 6, 7, 8, 9, 10, i.e.: 27, 64 and so on. Therefore, ? mark would be replaced by cube of 6 = 216. Hence, choice (c) is the answer.
11. a Sum of the numbers in two slices is equal to the number in the third slice, i.e.: $1 + 1 = 2$ and $2 + 3 = 5$, hence, $5 + 8 = 13$. Therefore, choice (a) is correct.
12. b Each number is double of its previous number, i.e., 2 is double of 1 and 96 is double of 48. Similarly, 6 will be double of 3. Hence, choice (b) is the answer.
13. b Relation (b) i.e.



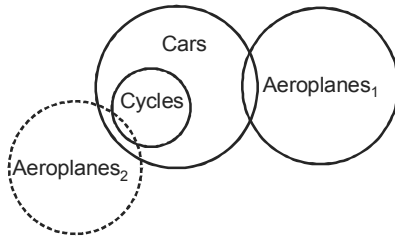
represents the relationship of the three classes. The relation says that



14. c (i) $x + y = 6$
 (ii) $x + 2k = 15$, $y + k = 10$
 $\Rightarrow x + 2(10 - y) = 15$
 $\Rightarrow 2y - x = 5$
 Solving $x + y = 6$ and $2y - x = 5$
 We get $x = \frac{11}{3}$ and $y = \frac{7}{3}$
 So x is greater than y.

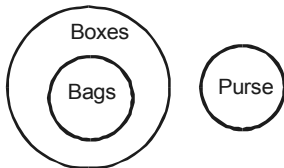
15. d Total number of languages spoken by the 100 employees is not given.
16. b These things in B refer to the list given towards the end of D. C concludes with the results. Hence, 'ADBC' is the correct sequence.
17. a The answer to the question in A is given in D. B follows D because of the reference to 'motions'. Thus 'ADB' is a mandatory sequence. This sequence is seen only in option (a), which is the correct answer.
18. b 'It' in C refers to Kashmir in A. The answer to B is given in D. Hence, 'ACBD' is the correct answer.
19. a A begins the paragraph by putting forward the topic of discussion, which is 'dealing with Pakistan'. 'BC' forms a mandatory pair as the phrase 'after that' in C refers to 'the Lahore bus trip' stated in B. Hence, 'ABCD' is the correct sequence.
20. b The negative aspects in B and D are discussed first in continuation with A. C looks at the positive side with 'on the other hand.' Hence, option (b) is the correct answer.

21. d



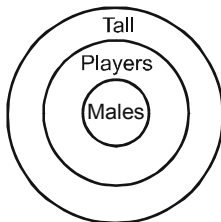
From the given venn diagram we can see that neither I nor II can be concluded.

22. a



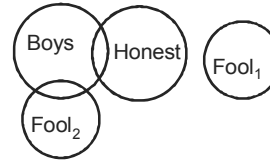
Only conclusion I follows.

23. c



From the given venn diagram, both conclusions I and II follow.

24. a



As per the given venn diagram, only conclusion I definitely follows.

25. c The coding follows as

$O(15) + 1 = P(16)$	$R(18) + 1 = S(19)$
$R(18) + 2 = T(20)$	$E(5) + 2 = G(7)$
$I(9) + 3 = L(12)$	$M(13) + 3 = P(16)$
$G(7) + 4 = K(11)$	$A(1) + 4 = E(5)$
$I(9) + 5 = N(14)$	$R(18) + 5 = W(23)$
$N(14) + 6 = T(20)$	$K(11) + 6 = Q(17)$
$A(1) + 7 = H(8)$	$S(19) + 7 = Z(26)$
$L(12) + 8 = T(20)$	

26. d The coding follows as

$J(10) - 6 = D(4)$	$C(3) - 6 = W(23)$
$A(1) - 7 = T(20)$	$A(1) - 7 = T(20)$
$P(16) - 8 = H(8)$	$S(19) - 8 = K(11)$
$A(1) - 9 = R(18)$	$T(20) - 9 = K(11)$
$N(14) - 10 = D(4)$	$L(12) - 10 = B(2)$
	$E(5) - 11 = T(20)$

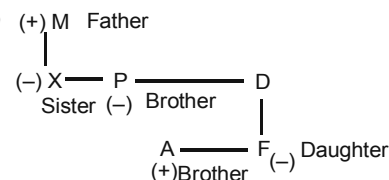
27. c All the terms are multiples of 17.

28. d The term of the series are $\times 2 + 3$, $\times 2 + 4$, $\times 2 + 5$, $\times 2 + 6$, etc. Hence, the answer would be $183 \times 2 + 8 = 374$.

29. d "His mother's only daughter is my mother".

'His mother's' in the statement indicates that 'His' is the son. Now 'Mother's only daughter' indicates that 'His' and 'only daughter' both are brother sister. Now 'only daughter is my mother' indicates that only daughter is Asha's mother. Now, Brother of Asha's brother is uncle of Asha and, thus, Asha is Niece of that man.

30. b



From the above relation,

X, P and D have the relation of brother and sister among them. M is father of X, P and D. D has a daughter F and son A. Now P is the brother of D.
 $\therefore$ A's uncle is P.