



## Practice Test-3

Number of questions: 30

Time Allowed: 30 mins.

**Directions for questions 1 to 4:** 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

1. **Statements:**

Some cities are villages.  
Some towns are villages.

**Conclusions:**

- I. Some cities are towns.
- II. No town is a city.

2. **Statements:**

Some visitors are Indians.  
Some visitors are Americans.

**Conclusions:**

- I. Some Indians are visitors.
- II. All Indians are visitors.

3. **Statements:**

All books are pencils.  
Some pencils are cycles.

**Conclusions:**

- I. Some cycles are pencils.
- II. Some cycles are books.

4. **Statements:**

All pencils are pens.  
No pen is a book.

**Conclusions:**

- I. No pencil is a book.
- II. Some pens are pencils.

**Directions for questions 5 and 6:** In the following questions, a statement is followed by two explanatory statements numbered I and II. These explanatory statements have been given to answer the question asked in the main statement.

Choose your answer as :

- (a) If the data in statement I alone is sufficient to answer the question.
- (b) If the data in statement II alone is sufficient to answer the question.
- (c) If the data in both the statements together is not sufficient to answer the question
- (d) If the data in both the statements is needed to answer the question.

5. How many girls does R have?

- I. A and B are brothers of S.
- II. H is the wife of R and mother of S.

6. Who is the tallest amongst A, B, C, D and E?

- I. C and D are taller than E but smaller than A and B.
- II. E is not the tallest

7. Mr. Ajay started from his house, walked 4 km north, then 6 km west, then 12 km south. How far away from his home was he then?

- (a) 8 km
- (b) 5 km
- (c) 20 km
- (d) 10 km

8. Aditya faces north and covers 24 km; turns west and covers 12 km, then turns south and covers 6 km, and turns west again and covers 12 km. In which direction is he moving?

- (a) South-east
- (b) North-east
- (c) North-west
- (d) South-west

9. In a certain code language EXPLOSIVE is coded as 567361945, what will be the code for COURAGE in the same code language?

- (a) 3639165
- (b) 3839175
- (c) 3369175
- (d) 3639175

10. In a certain code language 'cut pin luck' is coded as 'cool your temper', 'luck sick tick' is coded as 'temper is flexible' and 'cut min but' is coded as 'cool are fools', what is the code for 'is' in the same code language?

- (a) cut
- (b) sick
- (c) pin
- (d) Can't be determined

**Directions for questions 11 to 15:** Read the given information and answer the questions that follow.

- I. A, B, C, D and E are five friends.
  - II. B earns more than E, but is as tall as C.
  - III. C earns less than A, but is taller than D and E.
  - IV. A is taller than D, but earns less than E.
  - V. D earns more than A, but is the shortest in the group.
11. Who among the following earns the highest?  
(a) A or B (b) B or D  
(c) C or B (d) D or E
  12. Which of the following pair earns more than D?  
(a) BA (b) BC  
(c) BE (d) Can't be determined
  13. Which of the following statements is/are correct about B?  
I. B is not the tallest.  
II. B is shorter to E.  
III. If they are arranged in ascending order of their heights, B will be at the centre.  
(a) Only I is correct  
(b) Only I and II are correct  
(c) All are correct  
(d) All are incorrect
  14. If another friend, F, who is taller than C, how many of them will be between F and E according to their heights?  
(a) None (b) One  
(c) Two (d) Can't be determined
  15. Which of the following represents the correct order of earning of any four friends?  
(a)  $E > A > B > C$  (b)  $A > B > E > D$   
(c)  $B > E > A > C$  (d)  $A > E > B > C$

**Directions for questions 16 and 17:** Find the missing number in place of '?' from the options given in the questions.

16. 5, 10, 20, 25, 35, 40?  
(a) 45 (b) 55  
(c) 75 (d) 50
17. 1, 1.5, 2.5, 3.5, 5.5, ?  
(a) 6 (b) 6.5  
(c) 7 (d) 7.5
18. Ram and Shyam are brothers; Sita is Shyam's sister; Ajay is grandfather of Ram. What will be Ram to Sita's son Mahesh?  
(a) Father (b) Son  
(c) Uncle (d) Grandfather

19. If Lov's son Winnowa who has two daughters, two brothers and one sister, how many children does Lov have?

(a) 3 (b) 4  
(c) 5 (d) Data inadequate

**Directions for questions 20 to 24:** In a certain code the symbol of 0 is  $\otimes$  and 1 is  $\oplus$ . There are no other symbols for other numbers and all numbers greater than 1 are written using these two symbols only. The value of symbol  $\oplus$  doubles itself every time it shifts one place to the left.

0 is written  $\otimes$ , 1 is written  $\oplus$   
2 is written  $\oplus \otimes$ , 3 is written  $\oplus \oplus$   
4 is written  $\oplus \otimes \otimes$

20. Which of the following represents the value of 70% of 10?  
(a)  $\oplus \oplus \oplus$  (b)  $\oplus \oplus \otimes \otimes$   
(c)  $\oplus \oplus \otimes$  (d) None of these
  21. What is the value of  $\frac{6}{5} \times \frac{5}{3} \times \frac{2}{3} \times \frac{9}{2} = ?$   
(a)  $\oplus \otimes \oplus$  (b)  $\oplus \oplus \otimes$   
(c)  $\oplus \oplus \oplus$  (d)  $\oplus \otimes \otimes$
  22. If  $\oplus \oplus \oplus \oplus \otimes$  is divided by  $\oplus \oplus \otimes$ , what will be the result?  
(a)  $\oplus \oplus \oplus$  (b)  $\oplus \oplus \otimes$   
(c)  $\oplus \otimes \oplus$  (d) None of these
  23. Which of the following represents 15?  
(a)  $\oplus \otimes \otimes \oplus$  (b)  $\oplus \oplus \oplus \oplus$   
(c)  $\oplus \oplus \oplus \otimes$  (d)  $\oplus \oplus \otimes \oplus$
  24. Which of the following represents 15% of 80?  
(a)  $\oplus \oplus \otimes \otimes$  (b)  $\oplus \oplus \oplus$   
(c)  $\oplus \otimes \otimes \oplus$  (d)  $\oplus \otimes \oplus \oplus$
- Directions for question 25:** Of the options provided, choose the one that best rearranges the letters given below to construct a meaningful word. Then indicate the first letter of the word so formed.

25. e a o a c u m g l f  
1 2 3 4 5 6 7 8 9 10  
(a) c (b) e  
(c) m (d) f

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**Directions for questions 26 to 30:** Arrange the following sentences in a logical order to form coherent paragraph.

26. A. The survey conducted by 12 consumer organisations which ordered more than 150 items from 17 countries has found that almost all consumer rights like safety and privacy have been infringed.
- B. An international comparative study of electronic commerce conducted by Consumers International, Malaysia, found that Internet shopping is more risky than the usual visit to the market place.
- C. For even before Internet shopping can take roots and gain the acceptance of consumers, several unfair trade practices of retailers setting up shops on the world wide web have come to light.
- D. Consumers who want to shop through the Internet had better watch out.
- (a) BACD (b) BDAC  
(c) ABCD (d) DCBA
27. A. Currently, the term deposit rates of maturity of over three years are around 10 per cent.
- B. The continuous low inflation rates at around two per cent might prompt the RBI to take measures to reduce interest rates in the busy season credit policy to be announced on October 29.
- C. Such measures are likely to result in reduction in the term deposit rates.
- D. To this end, the Central Bank might decide to reduce the bank rates and the stipulated ratio of total deposits held by commercial banks to be maintained in the RBI.
- (a) ABCD (b) ACDB  
(c) BDCA (d) BCDA
28. A. And there hasn't been any drastic increase in the number of nuclear weapons recently; I think we have come far.
- B. In the earlier days, when there was a race to acquire more and more nuclear weapons, the problem was that of preventing the actual use of nuclear weapons.
- C. Pugwash was set up to encourage dialogue between the political leadership and the scientific community to prevent things from getting out of hand.
- D. It played an important part in bringing about significant reductions in the nuclear arsenal of Russia and brought about various treaties.
- (a) BCDA (b) BDCA  
(c) CBAD (d) CABD
29. A. The Doha experience must serve as a lesson for Indian negotiators who will have to prepare the political leadership for such an eventuality and provide escape routes.
- B. Trade analysts view the negotiations as more or less over, following the agreement between the US and the EU on farm and non-farm sector issues, and that Cancun will just be a forum seeking formal endorsement of the WTO membership on the proposals mooted by the duo.
- C. One might view this assessment as borne out of pessimism without realizing the inherent strength of the developing world.
- D. The 'eternal optimists' have cited the latest draft declaration circulated by WTO on agriculture.
- E. The draft provides for special and differential treatment to developing countries on scaling down their tariffs.
- (a) ABCDE (b) DCABE  
(c) CDAEB (d) BCADE
30. A. Front-ending for the US pharma lobby, the Bush administration made a serious attempt to seek 'comfort' letters from India and Brazil, the two countries with excess capacities that can provide generic versions of US patented drugs at  $\frac{1}{30}$ th the cost.
- B. Both India and Brazil rejected the US demand.
- C. The argument put forth by Robert Zoellick and US negotiators was that these comfort letters were meant to prevent misuse of compulsory licences for commercial purpose, rather than for a humanitarian cause.
- (a) ABC (b) CAB  
(c) ACB (d) BAC



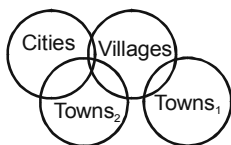
## Answer Key

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

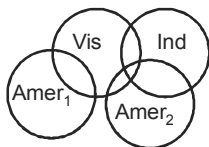


## Explanations

1. d From the venn diagram we can deduce that neither I nor II follows.

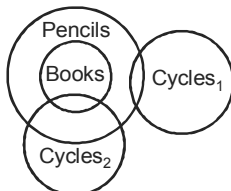


2. a



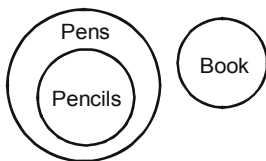
From the given venn diagram we can see only I follows.

3. a



Only I definitely follows. Some cycles may or may not be books.

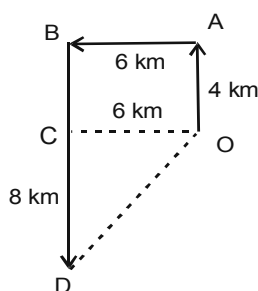
4. c



From the given venn diagram we can see that both I and II follow.

5. c Choice (c) holds good here as even after combining statements (I) and (II) we cannot conclude the number of girls that R has as the sex of S is not known.
6. c Choice (c) holds good again as, no definite conclusion can be drawn out of it.

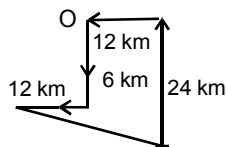
7. d



$$OD = \sqrt{(OC)^2 + (CD)^2}; OD = \sqrt{6^2 + 8^2}$$

$$= \sqrt{36 + 64} = \sqrt{100} = 10 \text{ km}$$

8. c



9. d Each letter is coded by the number which represents it in alphabetical sequence and if the position is in two digits, then it is represented by a single digit (which will be sum of those two digits), i.e code for S = its alphabetical position, is
- $$= 19 \Rightarrow 1 + 9 = 10 \Rightarrow 1 + 0 = 1.$$

Hence,  $S \Rightarrow 1$ .

$$C(3) = 3$$

$$O(15) = 1 + 5 = 6$$

$$U(21) = 2 + 1 = 3$$

$$R(18) = 1 + 8 = 9$$

$$A(1) = 1$$

$$G(7) = 7$$

$$E(5) = 5$$

Hence, COURAGE would be coded as 3639175.

10. d From I and II, 'luck' = 'temper'; from I and III, 'cut' = 'cool'. But code for 'is' cannot be determined.

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- 11. b Either B or D's earning would be highest.
- 12. d Again we are not certain.
- 13. a B is not the tallest.
- 14. d Since we don't know the exact sequence according to the height, we can't be sure.
- 15. c According to the question choice (c) is right.
- 16. d Multiples of 5 excluding multiples of 15.
- 17. b Prime number/2
- 18. c As Sita is sister of Ram, then Sita's son Mahesh would be the nephew of Ram or Ram will be his uncle.
- 19. b Lov has 4 children.

#### For questions 20 to 24:

⊕ and ⊗ give the binary representation of the numbers 1 and 0. Arrange the numbers accordingly.

- 25. a The answer is CAMOUFLAGE.
- 26. d 'DC' forms a mandatory pair as in D the author states that consumers should watch out and C gives the reason behind the author's statement. Hence, 'DCBA' is the correct sequence.
- 27. c B is the opening sentence as it gives the subject of the passage i.e. low inflation rates and RBI's

decision to take measures for the same. This is followed by D, which states the measures. C follows D as it also refers to the measures. 'CA' forms a mandatory pair as both C and A refer to 'term deposit rates'. Hence, 'BDCA' is the correct sequence.

- 28. a 'BC' is a mandatory pair as B gives a problem and C states its solution. D follows C as the pronoun 'it' mentioned in D refers to the 'dialogue' mentioned in C. Hence, 'BCDA' is the correct sequence.
- 29. a A opens the passage as it talks about the 'negotiations', which is the subject of the passage and has been discussed in sentence B as well. 'BC' forms a mandatory pair because the phrase 'this assessment' stated in C refers to B. 'DE' forms a mandatory pair as 'the draft' mentioned in E was introduced in sentence D.
- 30. c 'AC' is a mandatory pair as C refers to the 'comfort' letters that have been previously stated in Sentence A. B follows as it states the Indian and Brazilian response to the US's demand for 'comfort' letters. Hence, 'ACB' is the correct sequence.