

# Sectional Test 2



**Directions (1-5): Study the following information to answer the given questions**

There are seven teachers P, Q, R, S, T, U and V in DPS school. Each one of them teaches a different subject. There are three female and four male teachers, and out of these, there are two pairs of couples. R who teaches Computers is married to the teacher who teaches English. T and V are female teachers who teach History and Economics respectively. P teaches Reasoning and his wife does not teach Economics. Q does not teach English or Mathematics. U and S are male teachers. U is unmarried. One of them teaches Geography.

**1. Which subject does 'Q' teach?**

- (1) Economics
- (2) Mathematics
- (3) Computers
- (4) Geography
- (5) None of these

**2. Which group among the following represents the group of males?**

- (1) PR
- (2) PT
- (3) PV
- (4) PQ
- (5) cannot be determined

**3. Which of the following are two pairs of couples?**

- (1) SR and PT
- (2) PR and ST
- (3) VP and RS
- (4) SR and UT
- (5) None of these

**4. Which subject does U teach?**

- (1) Reasoning
- (2) English
- (3) Mathematics
- (4) Computers
- (5) cannot be determined

**5. Which subject does P's wife teach?**

- (1) English
- (2) History
- (3) Computers
- (4) Geography
- (5) cannot be determined

**Directions (6-10): Study the given information and answer the following questions: When a machine is given an input line of words and numbers it arranges them following a particular rule. The following is an illustration of input and rearrangement: (All the numbers are two digit numbers)**

Input: 40 made butter 23 37 cookies salt extra 52 86 92 fell now 19

Step I: butter 19 40 made 23 37 cookies salt extra 52 86 92 fell now

Step II: cookies 23 butter 19 40 made 37 salt extra 52 86 92 fell now

Step III: extra 37 cookies 23 butter 19 40 made salt 52 86 92 fell now

Step IV: fell 40 extra 37 cookies 23 butter 19 made salt 52 86 92 now

Step V: made 52 fell 40 extra 37 cookies 23 butter 19 salt 86 92 now

Step VI: now 86 made 52 fell 40 extra 37 cookies 23 butter 19 salt 92

Step VII: salt 92 now 86 made 52 fell 40 extra 37 cookies 23 butter 19

Step VII is the last step.

As per the rules followed in the given steps, find out the appropriate steps for the given input.

Input: 32 proud girl beautiful 48 55 97 rich family 61 72 17 nice life

**6. How many steps will be required to complete the given input?**

- (1) Five
- (2) Six
- (3) Seven
- (4) Eight
- (5) Nine

**7. Which of the following is the third element from the left end of step VI?**

- (1) beautiful
- (2) life
- (3) 61
- (4) nice
- (5) 17

**8. Which of the following is step III of the given input?**

- (1) proud 72 girl 48 family 32 beautiful 17 55 97 rich 61 nice life
- (2) life 55 girl 48 family 32 beautiful 17 proud 97 rich 61 72 nice
- (3) girl 48 family 32 beautiful 17 proud 55 97 rich 61 72 nice life
- (4) family 32 beautiful 17 proud girl 48 55 97 rich 61 72 nice life
- (5) girl 48 life 55 family 32 beautiful 17 proud 97 rich 61 72 nice

**9. What is the position of "nice" from the left end in the final step?**

- (1) Fifth
- (2) Sixth
- (3) Seventh
- (4) Eighth
- (5) Ninth

**10. Which element is third to the right of 'family' in Step V?**

- (1) beautiful
- (2) 17
- (3) proud
- (4) 97
- (5) 32

**Directions (11-15): Study the following information carefully and answer the questions which follow.**

**11. Statements:**

Some flowers are Rose.  
All Rose are Lotus.  
Some Lotus are Lily.  
All hills are Lily.

**Conclusions:**

I. Some flowers are Lily.  
II. Some hills are Lotus.  
III. Some Lotus are flowers.  
IV. All Lily are possibly hills

- (1) None follows
- (2) Only II and IV follow
- (3) Only II and III follow
- (4) Only III and IV follow
- (5) None of these

**12. Statements:**

Some cycles are bikes.  
No bike is flower.  
All flowers are goats.

**Conclusions:**

I. It is possible that all goat is cycle.  
II. Some flowers are both goat and cycles.  
III. Some goats are bikes.

- (1) None follows
- (2) Only I follows

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- (3)Only II follows
- (4)Only III follows
- (5)Only II and III follow

### 13.Statements:

All rivers are hills.  
All hills are Rose.  
No Rose are sticks.  
All sky are Rose

### Conclusions:

I.All sticks are hills is a possibility  
II.Some sticks are rivers.  
III.Some Rose are Sticks is a possibility  
IV.All hills can never be Sky

- (1)None follows
- (2)Only I and IV follow
- (3)Only II follows
- (4)Only II and III follow
- (5)None of these

### 14.Statements:

All arrows are bows.  
All bows are swords.  
Some swords are daggers.  
All daggers are knives.

### Conclusions:

I. No knives are bows.  
II.All swords are knives is a possibility  
III.All bows are arrows is a possibility

- (1)Only II follows
- (2)Only III and follow
- (3)Only II and III follow
- (4)Only I and III follow
- (5)None of these

### 15.Statements:

Some pianos are violins.  
Some violins are drums.  
All drums are guitars.  
No guitar is a flute.

### Conclusions:

I. Atleast some guitars are Pianos.  
II.All drums are flutes is a possibility.  
III.Some pianos are both violins and drums.  
IV.Atleast some flutes is a drum.

- (1)Only IV follows
- (2)Only either II or III follow
- (3)Only III follows
- (4)Only I follows
- (5)None follows

**Directions (Q. 16-18): Read the following information given below to answer the questions that follow:**

- (i)'na ho pa la' means 'they are very intelligent'
- (ii)'pit na sa' means 'you are welcome'
- (iii)'ka da la' means 'who is intelligent'
- (iv)'od ho pit la' means 'they welcome intelligent students'

**16.Which of the following means 'students' in that code language?**

- 1)od
- 2)la
- 3)ho
- 4)pit
- 5)Data inadequate

**17.Which of the following means 'very' in that code language?**

- 1)pa
- 2)na

- 3)da
- 4)Data inadequate
- 5)None of these

**18.Which of the following statements are redundant to answer the above questions?**

- 1)None
- 2)(i) and (ii)
- 3)(ii) or (iv)
- 4)(i) or (iv)
- 5)None of these

### Answers

- 1.4
- 2.4
- 3.1
- 4.3
- 5.2
- 6.3
- 7.4
- 8.3
- 9.1
- 10.2
- 11.4
- 12.2
- 13.1
- 14.3
- 15.5
- 16.1
- 17.1
- 18.1