# INFOSYS Test Series - Test 12-UC

**Test Summary**
- No. of Sections: 3
- No. of Questions: 32
- Total Duration: 80 min

## Section 1 - Quantitative Aptitude

**Section Summary**
- No. of Questions: 10
- Duration: 20 min

**Additional Instructions:**

None

Q1.

5. 'A' and 'B' started a business in partnership investing Rs 20000/- and Rs 15000/- respectively. After six months 'C' jointed them with Rs 20000/-. What will beB's share in the total profit of Rs 25000/- earned at the end of two years from the starting of the business?

| 7500 |
|------|

| 8000 |
|------|

| 6000 |
|------|

| 8500 |
|------|

Q2.     12 persons can complete the work in 18 days. after working for 6 days, 4 more persons added to complete the work fast. in how many more days they will complete the work?

| 9 |
|---|

| 6 |
|---|

| 4 |
|---|

| 8 |
|---|

Q3.     Jack and Jill went up and down a hill. They started from the bottom and Jack met Jill again 20 miles from the top while returning. Jack completed the race 1 min a head of Jill. If the hill is 440 miles high and their speed while down journey is 1.5 times the up journey. How long it took for the Jack to complete the race?

| 12.2 |
|------|

| 12.4 |
|------|

| 12.6 |
|------|

12.8

Q4.    A Jar contains 18 balls. 3 blue balls are removed from the jar and not
       replaced. Now the probability of getting a blue ball is 1/5 then how
       many blue balls jar contains initially ?

7

6

8

9

Q5.    How many kgs of wheat costing Rs.24/- per kg must be mixed with 30 kgs
       of wheat costing Rs.18.40/- per kg so that 15% profit can be obtained by
       selling the mixture at Rs.23/- per kg?

12

14

14

16

Q6.    How many numbers are divisible by 4 between 1 to 100?

22

23

24

26

Q7.    How many boys are there in the class if the number of boys in the
       class is 8 more than the number of girls in the class, which is five
       times the difference between the number of girls and boys in the class.

48

46

40

52

Q8.    5 cars are to be parked in 5 parking slots. there are 3 red cars, 1

blue car and 1 green car. In how many ways the car can be parked?

120

20

64

70

Q9.    In an Octagon the number of possible diagonals are?

20

24

15

40

Q10.    In the Garbar Jhala, Ahmadabad a shopkeeper first raises the price of
        Jewellery by x% then he decreases the new price by x%. After one such up
        down cycle, the price of a Jewellery decreased by Rs. 21025. After a
        second updown cycle the Jewellery was sold for Rs. 484416. What was the
        original price of the jewellery.

525625

653242

873643

734223

## Section 2 - Reasoning

**Section Summary**
- No. of Questions: 15
- Duration: 25 min

**Additional Instructions:**
None

Q1.    *PASSAGE AND INFERENCE*
       Smoking is very injurious to health. Not only the smoker but also the
       individuals surrounding them can be harmed by tobacco smoke. Children
       are put at further risk since they are three times likely to smoke if
       their parents do. One out of every two smokers who start smoking at a
       young age and continue throughout their lives will ultimately be killed

by tobacco related diseases. With prolonged smoking, smokers have a death rate about three times higher than non-smokers at all ages. Stopping smoking decreases health risks associated with tobacco use. It can decrease the burden of diseases such as heart or respiratory diseases. There are clear health benefits including a longer life even for those who quit smoking at the age of 60 and above.
Smokers who start smoking at an early age are less likely to quit smoking.

inference is definitely true.

inference is probably true

inference cannot be determined.

inference is probably false

inference is definitely false

Q2.     Following questions have a question followed by 2 statements.Read the question and assess if the question can be answered using the statements and choose an option A,B,C,D, and E accordingly
A-If the question can be answered using statement 1 alone not with statement 2 alone
B-If the question can be answered using statement 2 alone not with statement 1 alone
C-If the question can be answered using both statement 1 & 2 together
D-If the question can be answered with either statement alone
E-If the question cannot be answered even if both statements are put together*
A, B, C, D have to stand in a queue in descending order of their heights. Who stands first?
I. D was not the last, A was not the first.
II. The first is not C and B was not the tallest.

A

B

C

D

E

Q3.     *CUBE AND CUBOIDS*
A cube is divided into 729 identical cubelets. Each cut is made parallel to some surface of the cube . But before doing that the cube is colored with green color on one set of adjacent faces ,red on the other set of adjacent faces, blue on the third set. So, how many cubelets are there which are painted with exactly one color?

288

292

296

294

Q4.     eat + that = apple.find a+e+e

12

13

16

17

Q5.     *LOGICAL DEDUCTIONS*
A. The newt is an amphibian.
B.Amphibians can live on land and in water.
C.The newt is not an amphibian.
D.The newt lives on land and in water.
E.Amphibians can live on land.
F.The newt cannot survive on land.

ABD, FBC

ACD, BEF

BCD, AFE

None of these

Q6.     *CODING AND DECODING*
1) HERE = COMES - SHE, (Assume s = 8) Find value of R + H + O

10

11

15

14

Q7.     *SEQUENCE AND SERIES*
What is the next number of the following sequence 7, 14, 55, 110, ....?

198

121

154

157

Q8. *CODING AND DECODING*
GOOD is coded as 164 then BAD coded as 21.if ugly coded as 260 then JUMP?

230

240

235

236

Q9. *SYLLOGISM*
All rocks are locks
All locks are docks

All rocks are docks

Some rocks are locks

Some locks are docks

None of these

Q10. *PUZZLES*
A bird keeper has got P pigeons, M mynas and S sparrows. The keeper goes for lunch leaving his assistant to watch the birds. Suppose p = 10, m = 5, s = 8 when the bird keeper comes back, the assistant informs the x birds have escaped. The bird keeper exclaims: "Oh no! All my sparrows are gone."
How many birds flew away?

29

28

23

25

8

Q11. *SEQUENCE AND SERIES*
b, x, e, u, h,_?

z

w

r

t

Q12.    *LOGICAL DEDUCTIONS*
        A. Social behavior is seen in colonies.
        B. Chimpanzees are known to be intelligent.
        C. Colonies require social behavior.
        D. Intelligence is required for social behavior.
        E. Primates are intelligent.
        F. Chimpanzees are capable of social behavior.

| ADF, CBE |
|----------|

| BCD, AFE |
|----------|

| BDF, ACF |
|----------|

| None of these |
|----------|

Q13.    *SYLLOGISM*
        All women are clever
        Sania is a woman

| Sania is not clever |
|----------|

| Sania is clever |
|----------|

| All women are not clever |
|----------|

| None of these |
|----------|

Q14.    *MOST LOGICAL CHOICE*
        For the post of Business Manager of Sales & Operation department in
        London following are the eligibility criteria:
        i.Candidate should have M.B.A degree.
        ii.Should have more then 4 to 7 Years of experience.
        iii.Having good Customer base and geographical knowledge.
        iv.Having fair idea about Ocean & Air Movements, Capable to handle the
        Global RFQs.
        v.Candidate should be from Freight Forwarding company, MNC & local
        candidate is preferred.
        vi.Experience in Air & Ocean Import & Export product.
        *If the candidate satisfies first and last criteria and having less than
        4 years of experience will have 2 rounds of interview with management team.
        If the candidate satisfies first, second and last criteria will get spot
        appointment.
        If the candidate satisfies only first three criteria will have written
        test followed by 2 rounds of interview.
        *Lalina 25 year old lady who had completed her master degree in business
        administration with sound knowledge about oceans and geography

| Interview with Management team |
|----------|

| Got appointment |
|----------|

| Written test with 2 rounds of interview |
|----------|

| Rejected |
|----------|

| Data inadequate |
|----------|

Q15.       *NUMBER ANALOGIES*
           7528 : 5306 :: 4673 : ?

| 2367 |
| --- |

| 2451 |
| --- |

| 2531 |
| --- |

| 2489 |
| --- |

## Section 3 - Verbal

**Section Summary**
- No. of Questions: 7
- Duration: 35 min

**Additional Instructions:**
None

Q1.       SENTENCE SELECTION
          A. At a time when so many skilled workers are out of work, it will be
          easy to fill the vacancy
          B. When so many skilled workers are not working, it will be easy to fill
          the vacancy
          C. to fill the vacancy wont be a problem, as so many workers are there
          D. With so many skilled workers being there, it won?t be a problem
          filling vacancies

| A |
| --- |

| B |
| --- |

| C |
| --- |

| D |
| --- |

Q2.       SENTENCE COMPLETION
          _____ Bangalore is an expensive city

| Majority of the ppl tell |
| --- |

| Most ppl are telling |
| --- |

| Most ppl are telling |
| --- |

| Majority of the ppl say |
| --- |

Q3.       *SENTENCE COMPLETION*
          A rather _____ students having trouble in economics

Large amount

Large group

Large proportion

Large number

Q4.    SENTENCE COMPLETION*
He is --------------------to acquire knowledge but also to display it.

not only anxious

anxious not only

only anxious not

only not anxious

Q5.    *SENTENCE COMPLETION*
Mary goes to work _____

By walking

By walk

On foot

While walking

Q6.    *SENTENCE COMPLETION*
A Pakistan cricketer last played a match in Jan 2006. _____ from
his ankle fracture

Yet he is recovered.

he has still recover.

he is yet to recover.

he is yet to recovered.

Q7.    *SENTENCE COMPLETION*
I always _____ the same mistake

Seem to do

Prefer to make

Seem to make

Appear to do

**Section 1 - Quantitative Aptitude**

Q1

7500

**Solution**

No Solution

Q2

9

**Solution**

No Solution

Q3

12.6

**Solution**

No Solution

Q4

6

**Solution**

No Solution

Q5

12

**Solution**

No Solution

Q6

24

**Solution**

No Solution

Q7

40

**Solution**

No Solution

Q8

20

**Solution**

No Solution

Q9

20

**Solution**

No Solution

Q10

525625

**Solution**

No Solution

## Section 2 - Reasoning

Q1

inference cannot be determined.

**Solution**

No Solution

Q2

C

**Solution**

No Solution

Q3

294

**Solution**

No Solution

Q4

17

**Solution**

No Solution

Q5

ABD, FBC

**Solution**

No Solution

Q6

14

**Solution**

No Solution

Q7

121

**Solution**

No Solution

Q8
240

**Solution**

No Solution

Q9
All rocks are docks

**Solution**

No Solution

Q10
8

**Solution**

No Solution

Q11
r

**Solution**

No Solution

Q12
ADF, CBE

**Solution**

No Solution

Q13
Sania is clever

**Solution**

No Solution

Q14
Data inadequate

**Solution**

No Solution

Q15
2451

**Solution**

No Solution

## Section 3 - Verbal

Q1

B

**Solution**

No Solution

Q2

Majority of the ppl tell

**Solution**

No Solution

Q3

Large amount

**Solution**

No Solution

Q4

anxious not only

**Solution**

No Solution

Q5

By walking

**Solution**

No Solution

Q6

he is yet to recover.

**Solution**

No Solution

Q7

Seem to make

**Solution**

No Solution