17. (a) Wipro Test 17

Test Summary
- No. of Sections: 2
- No. of Questions: 50
- Total Duration: 50 min

Section 1 - Quantitative Aptitude

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

Additional Instructions:

None

Q1.   What Number Comes next in the following series 2,5,26,_____

677

676

679

576

Q2.   What is the value of $15C_{13}$?

101

102

103

104

105

Q3.   Naresh completes a work in 10 days and Suresh does it in 12 days and John does it in 15 days.If the same job has been completed in 6 days who are the workers who completed the job in 6 days?

Naresh,John

John,Suresh

Naresh,Suresh

Q4.

an air-conditioner takes 45 minutes to cool the room.Another one takes 40 minutes to cool the room.Find the time taken to cool the room if both the air-conditioner were working together?

23 min

24min

22min

11min

Q5.   On a festival season,a shopkeeper increases his products rate to 35% and gives two discounts 10% and 15% respectively.What profit or loss would the shopkeeper get at the end?

5.27 %loss

3 %gain

3.275% gain

8% loss

2 % loss

Q6.   3 persons invested Rs.36000.Raj and Salim has 5:4 ratio and salim and Rajesh has 8:9 ratio.what is the amount got by Rajesh?

2000

4000

5000

8000

Q7.   4 men can do a work in 7 days.How many men required to do it in 4 days?

7

8

9

10

4

Q8. $2^2+4^2+5^2+6^2+?$

49

64

36

81

Q9. 625_{10} convert to octal.

1172

1171

1061

1155

1161

Q10.   The 876905 number which is subtracted by the number exactly divisible by 8.

2

3

1

4

Q11. $(5)^{-2}*(10)^{-14}/((2)^{-15}*(5)^{-16})$

1

2

3

5

Q12.   the question consists of 2 statements, 1 and 2. find out if the information given in the statement(s) is sufficient to ____ **Question:**
           what will be the cost of fencing a rectangular compound if the wire costs Rs.20 per metre?
           Given:
           1. Area=40 m^2 2. length = 2 * breadth

only 1

only 2

either 1 or 2

both 1 and 2

Q13.   In how many ways can at least 2 teammembers be selected for grade A out of 7 members in a group?

7C2

7C2 + 7C3 + 7C4 + 7C5 + 7C6 +7C7

7P2 + 7P3 +7P4 + 7P5 + 7P6 + 7P7

7C0 + 7C1

7P0 + 7P1

Q14.   Ramakant wants to earn Rs.1500 interest on his deposit.He plans to buy a sack of grains with the interest.He puts Rs.5000 into his account that earns 2.5% interest .How long will he need to leave his money in the account to earn this interest that would help him by the sack of grains?

8 years

10 years

12 years

14 years

Q15.   the 1st price of an electric iron is Rs.300.If 2 successive discounts of 15% and 10% are allowed,its selling price will be

Rs.229.50

Rs.291.50

Rs.292.50

Rs.294.50

None of the above.

Q16.   if there are 150 babies born every minute,how many babies share the same birth date worldwide?

2,24,000

2,16,000

2,25,000

2,18,000

Q17. if we permute 5 letters of the word **mango**,the number of permuted words with **n** at the second place are :

5

6

12

24

Q18. 456*85 replaces the * by what number to make it completely divisible by 3?

2

3

1

4

Q19. Find the series: 18,19,21,24,____

28

27

40

30

Q20. 5*18/2-4 * (2+2)+1/4 of 16 =

2734

2788

3456

3458

Q21. what is the least amount that a person can have, such that when he distributed it into groups of Rs. 16 or Rs. 18 or Rs. 20 or Rs. 25 he is always left with Rs .4?

Rs 1,796

Rs 1,804

Rs 2,596

Rs 3,604

Q22. A shopkeeper sells 3 soaps for Rs.45 and buys for Rs.42.If he gets 5% profit,find the cost price?

40

50

60

70

Q23. Nitish sold his watch and sunglasses at a loss of 4% and gain of 4% respectively for Rs.2,600 to kamal. Kamal sold the same sunglasses and watch at a loss of 4% and gain of 4% respectively for Rs. 2,700.The price of watch and sun glasses to nitish were:

(Rs. 1,950,Rs.700)

(Rs. 2,000,Rs.1,000)

(Rs. 1,900,Rs.700)

(Rs. 800,Rs.2,000)

Q24. The packaging of a factory has two panels. Each of the panel contains 4 rows of item stored, each row has 4 kinds of items that are to be packed. how many items are stored for packaging in the packaging unit ?

22

32

45

43

Q25.   Pipe one A fills in 10 min and pipe B fills in 15 min. if both the pipes are opened for 5 min and A closed. how many long will it take to fill the tank.

2 minutes 20 secs

3 minutes 20 secs

4 minutes 20 secs

2 minutes 30 secs

Section 2 - Verbal Ability

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

Additional Instructions:
None

Q1.   Synonym : BESTIAL

Humane

Wrong

Earthy

Rough

Q2.   Read the passage and answer the questions given below. The most avid users of social-networking websites may be exhibitionist teenagers, but when it comes to more grown-up use by business people, such sites have a surprisingly long pedigree. LinkedIn, an online network for professionals that signed up its ten-millionth user this week, was launched in 2003, a few months before My Space, the biggest of the social sites. Consumer adoption of social networking has grabbed most attention since then. But interest in the business uses of the technology is rising. Many companies are attracted by the marketing opportunities offered by community sites. But the results can be painful. On searching Pizza Hut on MySpace, the profile of a pizza-delivery driver comes up, who helpfully lets friends in on the chain's latest promotional offers (**Dude , I just heard some scoop from the Hut,** ran one recent post). Wal-Mart started up and rapidly closed down a much-derided teenage site called the Hub last year. Reuters hopes to do better with its forthcoming site for those in the financial-services industry. Social networking has proved to be of greatest value to companies in recruitment. Unlike a simple jobs board, social networks enable members to pass suitable vacancies on to people they know, and to refer potential candidates back to the recruiter. So employers reach not only active jobseekers but also a much larger pool of passive candidates through referrals. Having lots of people in a network increases its value in a **super-linear** fashion, says Reid Hoffman, LinkedIn's founder. He says corporate use of his service is now spreading beyond recruiters:hedge funds use it to identify and contact experts, for example. This technique is also gathering momentum in **knowledge management**. IBM recently unveiled a social-software platform called Lotus Connections, that lets company employees post detailed profiles of themselves, team up on projects and share bookmarks. One manufacturer testing the software is using it to put inexperienced members of its customer-services team in touch with the right engineers. It can also be used to identify in-house experts. Software firms will probably start bundling social features of this kind into all sorts of business software. To work well in the business world, social networking has to clear some big hurdles. Incentives to participate in a network have to be symmetrical, for one thing. The interests of Myspace members and of job seekers and employers may be aligned, but it is not clear why commission-hungry salespeople would want to share their best leads with colleagues. Limiting the size of the network can reduce its value for companies, yet confidentiality is another obvious concern for companies that invite outsiders into their online communities. Social networking sounds great in theory, but the business benefits are still unproven. But if who you know really does matter more than what you know, it has obvious potential.
Why does the author call **Lotus Connections** a social software platform?

Because it is used for knowledge management

It has a feature to allow employees to interact and cooperate with each other

Because IBM developed it

Because the service team can get in touch with the right engineers using it

Q3.   Read the passage and answer the questions given below. China's massive subsidization of its steel industry is having consequences that are truly global. By expanding its steel industry by government fiat, rather than in response to the demands of the market, China has skewed the entire world market in steel and in the inputs used to make steel. In doing so, it has directly injured both foreign steel producers and steel consuming industries in other countries. China's explosive growth between 2000 and the present required massive amounts of steel and indeed, during much of this period China was the world's leading steel importer. By building up its steel industry to artificial levels, though, China deprived steel producers in other countries of valuable sales. This is significant, because steel is a highly cyclical industry. Not surprisingly, the rapid expansion of steel making capacity in China led first to the replacement of imports and then to a boom in exports. In product line after product line, Chinese exports have flooded world markets, driving down prices. The world in many ways constitutes an integrated market for steel. Through a dramatic expansion in capacity fuelled largely by subsidies and government-directed lending, the Chinese steel industry is destabilizing that market. Foreign steel producers are not the only ones harmed by the subsidized expansion of the Chinese steel industry. Foreign steel consumers have also been injured. The expansion of the steel industry is only part of the Chinese government's plan for the development of the Chinese economy. The Chinese government is also encouraging the development of manufacturing industries that use steel. Manufacturers of products that are steel-intensive, such as automotive parts and appliances, are seeing increasing competition from Chinese producers who have access to subsidized domestic steel. Subsidized steel is going to manufacture components in China that ultimately end up in the United states and replace American steel. Indeed, American consumers report that they can import finished parts cheaper from China than they can buy the steel here. At the same time that U.S. steel producers are seeing increased imports caused, directly and indirectly, by increased Chinese production, we are also seeing many of our domestic customers move production to China, or go out of business altogether.
Which of the options most closely describes **by government fiat**?

In response to government order

Before Chinese government ordered

With the help of Chinese owned fiat company

In keeping with government intuition

Q4.   Sentence Completion :
All members will have a fixed five year _____

Tenet

Tenor

Tenure

Tenement

Q5.   Sentence Completion :
The car is in such terrible state _____ it can cause serious damage.

thus

since

that

so

Q6.   Read the passage and answer the questions given below. Alaska is also known as a good place for seeing the polar aurora, also known as **Northern Lights**.Most often you see greenish white ribbons stretching across the sky, roughly from East to West, usually with waves in them. And if you look closely at them, you will note that they contain many parallel rays, running across their width. Two things about those rays are noteworthy. One, the bright ones fade while dim ones brighten instead, a bit like flames in a fireplace, and just as mesmerising. Some auroras are deep red, and these may be just a shapeless glow, or they may have rays, too. And second, the direction of those rays is related to the magnetism of the Earth. Anyone who has ever used a compass knows that the Earth is a giant magnet. The needle of the compass usually points towards one of two points, the magnetic poles of the Earth located near the geographic poles. Actually, the magnetic force points not just northward but also slants down into the Earth. The rays of aurora faithfully follow that slanting direction. That was one clue that the aurora was related to Earth's magnetism. The other clue was found by keeping tabs on how often aurora was seen in various locations. It turned out that the important factor was distance from the magnetic pole. That pole is separated from the geographic pole, marking the Earth's rotation axis, and currently it is in the Arctic Ocean, just North of Canadian soil
How are the rays related to the magnetism of Earth?

The Rays move along the needle pointing towards geographic poles

The Rays are perpendicular to magnetic poles

Parallel rays travel between geographic and magnetic poles

Rays are in the direction of magnetic poles slanting into the Earth

Q7.   Read the passage and answer the questions given below. Alaska is also known as a good place for seeing the polar aurora, also known as **Northern Lights**.Most often you see greenish white ribbons stretching across the sky, roughly from East to West, usually with waves in them. And if you look closely at them, you will note that they contain many parallel rays, running across their width. Two things about those rays are noteworthy. One, the bright ones fade while dim ones brighten instead, a bit like flames in a fireplace, and just as mesmerising. Some auroras are deep red, and these may be just a shapeless glow, or they may have rays, too. And second, the direction of those rays is related to the magnetism of the Earth. Anyone who has ever used a compass knows that the Earth is a giant magnet. The needle of the compass usually points towards one of two points, the magnetic poles of the Earth located near the geographic poles. Actually, the magnetic force points not just northward but also slants down into the Earth. The rays of aurora faithfully follow that slanting direction. That was one clue that the aurora was related to Earth's magnetism. The other clue was found by keeping tabs on how often aurora was seen in various locations. It turned out that the important factor was distance from the magnetic pole. That pole is separated from the geographic pole, marking the Earth's rotation axis, and currently it is in the Arctic Ocean, just North of Canadian soil
What can be the suitable title for the passage?

Northern Lights- a fading phenomenon

Natural display of light- the wonder of Northern Lights

Scientists at a loss for explaining auroras

Aurora rays baffle scientists - no conclusion reached

Q8.   Sentence Completion :
Sincere people remain loyal _____ their friends in all circumstances.

against

in

by

with

to

Q9.   Sentence Completion :
We were thinking ____ it _____ something like a requiem for our age.

for, because

for,as

of, since

of, as

Q10.   Sentence Completion :
If Mr.Sharma didn't stop hunting _____ better deals now, he would lose the opportunity _____ buy this attractive mobile phones.

for, to

in, to

to, for

for, that

Q11.   Sentence Completion :
Suddenly, the television blacked out as there was some issue in the signal _____

transmission

transfer

transformation

transition

Q12.   People
P: at his dispensary
Q: went to him
R: of all professions
S: for medicine and treatment

QPRS

RPQS

RQSP

QRPS

Q13. He told us that
P: and enjoyed it immensely
Q: in a prose translation
R: he had read Milton
S: which he had borrowed from his teacher

RSQP

QRPS

RQSP

RQPS

Q14. S1: My uncle,
P: that have been built in the country districts of India
Q: camping out in the inspection Bungalows
R: who is a government engineer
S: frequently has to stay for several days in very remote places.
S6: for this purpose.

SRQP

RSQP

RQSP

RSPQ

SQPR

Q15. Sentence Completion :
The power of music is known _____ us all _____ capacity to improve our holistic health is perhaps underestimated.

by, but the

by, but its

to, but its

to, but it has

by, but it has

Q16. Sentence Completion :
Hardly a day goes _____ when I don't remember all those great people who had gathered _____ my home on his birthday.

out, in

by, in

through, on

for, on

Q17. Sentence Completion :
The company wants to _____ cost- cutting measures before it starts to incur losses.

reduce

modify

moderate

initiate

Q18. Sentence Completion : All the history books belonging to the Mughal period have been _____ from Sanskrit to English

transferred

dictated

translated

dubbed

Q19. For as long as she could remember, Divya has loved to cook, to dance, and, until her poor vision made it impossible for her to do so, reading books.

to cook, to dance, and, until her poor vision made it impossible for her to do so.

cooking, to dance, and, until her poor vision made it impossible for her to do so.

cooking, dancing, and, until her poor vision made it impossible for her to do so.

to cook, to dance, and, until she lost her vision

cooking, dancing, and, until she lost her vision

Q20.   It is also proof that no government now can justify its existence without giving topmost priority to the common people and there problem.

the common people and their problems

the common people and other problems

the common people and his problems

the common people and the other problems

Q21.   Sentence Completion :
An honest man never _____ to lies in order to fulfill his goals.

helps

tells

resorts

forms

Q22.   Spotting error : (A) I feel that Mary will going (B) for the closing ceremony of (C) the commonwealth games.

A

B

C

No error

Q23.   Spotting error : (A) All the guests on the (B) boat got frightened (C) when they heard the alarm.

A

B

C

No error

Q24.

Sentence Completion :
The protracted illness has reduced him _____ skeleton.

till

round

through

to

from

Q25.   Spotting error :(A) Christmas give us a opportunity to (B) rekindle our friendship with friends and relatives (C) who are otherwise forgotten in our daily chores.

A

B

C

No error

Answer Key & Solution

Section 1 - Quantitative Aptitude

Q1

677

Solution

NIL

Q2

105

Solution

NO

Q3

Naresh,John

Solution

Naresh+John=1/10+1/15=1/6

Q4

22min

Solution

40*45/40+45=1800/85=22min

Q5

3.275% gain

Solution

Q6

4000

Solution

3 persons invested 36000. Raj/Salim=5x/4x Salim/Rajesh=8x/9x 9x=36000 =>x=4000

Q7

7

Solution

4*7=x*4 x=7

Q8

81

Solution

4+16+25+36=81=9^2

Q9

1161

Solution

NIL

Q10

1

Solution

NO

Q11

2

Solution

2^15*5^14/10^14=2*10^14/10^14=2

Q12

only 1

Solution

Q13

7C2 + 7C3 + 7C4 + 7C5 + 7C6 +7C7

Solution

Q14

12 years

Solution

Q15

Rs.229.50

Solution

Q16

2,16,000

Solution

Q17

24

Solution

Q18

2

Solution

4+5+6+x+8+5 divisible by 3 then 28+x and x=2

Q19

28

Solution

18+1=19,19+2=21,21+3=24,24+4=28

Q20

2788

Solution

41*17/4*16=41*17*4=2788

Q21

Rs 3,604

Solution

Q22

40

Solution

3 soap sp=45 1 soap sp=15 cp=100/(100+g%)*100=100/7

Q23

(Rs. 1,950,Rs.700)

Solution

Q24

32

Solution

No Solution

Q25

2 minutes 30 secs

Solution

NIL

Section 2 - Verbal Ability

Q1

Humane

Solution

Nil

Q2

It has a feature to allow employees to interact and cooperate with each other

Solution

Q3
In response to government order

Solution

Q4
Tenure

Solution

Nil

Q5
that

Solution

Nil

Q6
Rays are in the direction of magnetic poles slanting into the Earth

Solution

Q7
Natural display of light- the wonder of Northern Lights

Solution

Q8
to

Solution

Nil

Q9
of, as

Solution

Nil

Q10

for, to

Solution

Nil

Q11

transmission

Solution

Nil

Q12

RQSP

Solution

Q13

RQSP

Solution

Q14

RSPQ

Solution

Q15

to, but its

Solution

Nil

Q16

out, in

Solution

Nil

Q17
initiate

Solution

Nil

Q18
translated

Solution

Nil

Q19
cooking, dancing, and, until her poor vision made it impossible for her to do so.

Solution

Q20
the common people and their problems

Solution

Q21
resorts

Solution

Nil

Q22
A

Solution

Q23
A

Solution

Q24   to

Solution

Nil

Q25   A

Solution