

Quantitative Aptitude

Question 1 :

Two pipes A and B are attached to a cistern. Pipe A can fill the cistern in 3 hours while pipe B can empty it in 9 hours. When both the pipes are opened together, find the time for filling the cistern?

Answer : 4.5 hours

Question 2 :

what is a percent of b divided by b percent of a?

Answer : 1

Question 3 :

How many seconds will it take for a train 100 meters long moving at the rate of 15 m/sec to overtake another train 80 m long running from the opposite side at the rate of 90 km/hr?

Answer : 4.5 secs

Question 4 :

The sum of all two-digit numbers is

Answer : 4905

Question 5 :

The angles of a triangle are in the ratio 1 : 2 : 3, then the smallest angle is

Answer : 30

Question 6 :

The arithmetic mean of 15 numbers is 41. What is the sum of numbers

Answer : 621

Question 7 :

$6202.5 + 620.25 + 62.025 + 6.2025 + 0.62025 =$

Answer : 6891.59775

Question 8 :

A dishonest shopkeeper professes to sell pulses at the cost price, but he uses a false weight of 975gm. for a kg. His gain percentage is

Answer : 2.56

Question 9 :

A fruit seller buys 50 bananas at the market price of 40 bananas from market, if he sells these bananas giving a discount of 5% , what is the profit % ?

Answer : 3

Question 10 :

4 men or 8 women can do a piece of work in 24 days. In how many days, will 12 men and 8 women do the same work?

Answer : 1.5

English

Antonyms

Each item in this section consists of a word in capital letters followed by four words or groups of words. Select the word or groups of words that most nearly opposite in meaning to the word in capital letters

- Lukewarm
 - enthusiastic
 - moderate
 - friendly
 - ferventAnswer – enthusiastic

- Asset
 - liability
 - loss
 - drag
 - handicapAnswer – liability

- Obscurity
 - certainty
 - precision
 - clarity
 - specificityAnswer – clarity

- Indigenous
 - alien
 - foreign
 - heterogeneous
 - perennialAnswer – foreign

- Logical
 - irrational
 - inconsistent
 - inconsiderate
 - disorderlyAnswer – irrational

- Amused
 - saddened
 - jolted
 - frightened

- astonished

Answer – saddened

- STERN
 - understanding
 - passive
 - forgiving
 - mild

Answer – mild

- SHRINK
 - flow
 - inflate
 - rush
 - swell

Answer – inflate

- TRIVIAL
 - momentous
 - great
 - significant
 - stupendous

Answer – significant

- Estrangement
 - meeting
 - gathering
 - reunion
 - familiarity

Answer – reunion

Synonyms

Each item in this section consists of a word followed by four words or group of words. Select the word or groups of words that is most similar in meaning to the word in capital letters.

- Lively
 - active
 - lethargic
 - wearisome
 - ugly

Answer – active

- Foul
 - dirty
 - innocent
 - foolish

unbecoming
Answer – dirty

- Sacred
 - moral
 - holy
 - clean
 - truthful

Answer – holy

- Grave
 - painful
 - sad
 - hopeless
 - serious

Answer – serious

- Abject
 - miserable
 - objective
 - tortuous
 - painful

Answer – miserable

- Ardent
 - eager
 - devoted
 - zealous
 - sincere

Answer – zealous

- Trudge
 - prod slowly
 - walk wearily
 - trample easily
 - wade carelessly

Answer -- walk wearily

- Impasse
 - deadline
 - stalemate
 - standstill
 - status quo

Answer –stalemate

- Blemish
 - evil
 - attraction
 - blot
 - virtue
- Answer –blot

- Enhance
 - embellish
 - increase
 - create
 - reveal
- Answer –increase

Next five questions are based on this comprehension

I was quite happy in my new place, and if there was one thing that I missed, it must not be thought I was discontented; all who had to do with me were good, and I had a light airy stable and the best of food. What more could I want? Why, liberty! For three years and a half of my life I had had all the liberty I could wish for; but now, week after week, month after month, and no doubt year after year, I must stand up in a stable night and day except when I am wanted, and then I must be just as steady and quiet as any old horse who has worked for twenty years. Now, I am not complaining. It only means to say that for a young fellow, full of strength and spirits, who has been used to some large field or plain, where he can fling up his head, and toss up his tail and gallop away at full speed and then round and back again with a snort to his companions. I say it is hard never to have a bit more liberty to do as you like.

- Who is speaker in this passage?
 - a young stable boy in his new work place
 - an old and discontented animal
 - a young and energetic horse
 - an old stable hand in new surroundings
- Answer -- a young stable boy in his new work place

- Referring to his new surroundings, the speaker says that
 - he has found peace and happiness
 - he does not care whether or not he is happy
 - he is more or less happy
 - he is quite happy there
- Answer -- he is quite happy there

- In his new surroundings, the speaker is denied
 - the freedom to see who he wills
 - the freedom to roam around at will
 - nothing
 - the freedom to speak at will
- Answer -- the freedom to roam around at will

- What is the over-all tone of the speaker?
 - A complaining attitude
 - Highly rebellious
 - Wistful and longing
 - Happy and carefree
- Answer --Wistful and longing

Sentence Improvement

Look at the underlined part of each sentence. Below each sentence, three possible substitutions for the underlined part are given. If one of them (a) (b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a) (b) or (c). If none of the substitutions improves the sentence, indicate (d)

- The girl has passed the B.A. examination in 1972.
 - The girl passed
 - The girl had passed
 - The girl was passed
 - no change

Answer -- The girl passed
- I hope you will look me up when you come to Delhi.
 - look at me
 - look me
 - look upon me
 - no change

Answer -- no change
- The clerk asked the peon that why has he come to the office so late.
 - that why had he
 - that why he had
 - does not act
 - no change

Answer -- that why he had
- They went to the cinema and has got back to their house at nine o'clock.
 - returned
 - turning back
 - come back
 - no change

Answer – returned
- Which of the two boxes is more preferable?
 - more preferred
 - preferable
 - better preferred
 - no change

Answer – preferable

- I think he will ask for a raise into the salary very soon
 - for a raise in salary
 - for the raise of salary
 - for rising the salary
 - no change

Answer -- for a raise in salary

- I have been working in the same factory for the last twenty years now.
 - will work
 - shall be working
 - worked
 - no change

Answer -- no change

- I must confess that I am very bad in operating machines.
 - on
 - at
 - for
 - no change

Answer – at

- It was the hottest part of the year and also the busy in the office.
 - busiest
 - much busy
 - the busiest
 - no change

Answer – busiest

- I am afraid I do not know his name
 - I fear
 - I feel
 - I imagine
 - no change

Answer -- no change

Fill in the blanks Simple sentences

Each of the following sentences has blank space and four words are given after the sentence. Select whichever word you consider most appropriate for the blank space

- The completion of the railway line has been held _____ owing to the workers' strike
 - off
 - up
 - on
 - over

Answer – off

- The pilot was _____ injured,he died within half an hour.
 - seriously
 - fatally
 - fatefully
 - vitally

Answer – fatally

- His _____ directions misled us ,we did not know which road to take
 - complex
 - obscure
 - mingled
 - vague

Answer –obscure

- He was very friendly with the press and it really _____ him even for what he did not achieve
 - praised
 - lionized
 - appreciated
 - highlighted

Answer –lionized

- Anand was the sort of person who always looked on the _____ side of life
 - clear
 - bright
 - broad
 - illuminated

Answer –bright

- "How dare you speak to me like that,you _____ fellow!" shouted the officer
 - impudent
 - impeccable
 - immutable
 - intricate

Answer –impudent

- I refused to _____ his rudeness any longer.
 - put up
 - put up with
 - put on
 - put out with

Answer --put up with

- Let us _____ our heads together to solve this difficult problem
 - join
 - bring
 - combine
 - put
- Answer –put

General Knowledge and Awareness

- The National Development Council is presided over by
 - The Prime Minister
 - The Deputy Chairman of Planning commission
 - The Union Finance Minister
 - The Union Minister ,of Planning

Answer -- The Prime Minister
- In the Constitution of India, "to renounce practices derogatory to the dignity of women" is :
 - a Fundamental right
 - a Fundamental duty
 - a Directive Principle of State Policy
 - None of the above

Answer -- a Fundamental duty
- Zero Hour in the Parliament proceedings in India is
 - The time when the proceedings' of the House are not recorded
 - The time immediately after the Question flour when any listed business is taken up
 - The time reserved for the address by the President of India or any distinguished Guest of the State
 - The time when no business is carried out

Answer -- The time immediately after the Question flour when any listed business is taken up
- Regarding Gram Sabha, which of the following . statements is/are correct ?
 1. Gram Sabha is a body consisting of all the, adults residing in a village.
 2. A Gram Sabha may exercise such powers and perform such functions at the village level as the legislature at the State level.
 3. The sessions of Gram Sabha are chaired by a representative of District/Block Administration.
 - Select the correct answer using the codes given below
 - 2 only
 - 3 and 2 only
 - 1,2 and 3
 - 1 and 2 only

Answer -- 1 and 2 only
- Under the law in India Right to Information is available to
 - 1.The residents of India
 - 2.The citizens of India
 - 3.Non residents of India

2 only
1 and 3
2 and 3
1 only
Answer -- 2 only

- Consider the following

1. Cotton
2. Silk
3. Wool

Which of the above contains Nitrogen in its structure

- 1
- 2 and 3
- 3
- 1, 2 and 3

Answer -- 2 and 3

- Under which of the following conditions can the president of India proclaim emergency

1. Failure of the constitutional machinery of the State
2. Occurrence of large scale natural calamities or epidemics
3. Threat to the financial stability of the country

- 1
- 2 and 3
- 1 and 3
- 1, 2 and 3

Answer -- 1 and 3

- On the packet of a packaged food product in India, which one of the following symbols is used to indicate that the food is vegetarian ?

A green square in a circle
A green circular dot in a square
A green plus mark
A green leaf of a plant

Answer -- A green circular dot in a square