SBI PO Prelims Question & Answers

English Language

(1-8) **Direction:** Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

The scariest part about smartphone addiction is that it can affect our physical and mental health, relationships and productivity. America's obsession with smartphones has even been compared to the obesity epidemic. That's because just like drug or gambling addictions, smartphones provide an escape from reality. Humans are, by nature, **prone** to distraction. With smartphones, we literally have a world of distractions at our fingertips. It's time to **acknowledge** that our devices can negatively impact our lives— and we must make a change.
Initially, cell phones used to be communication tools. Now, they're GPS, cameras, gaming consoles, health trackers, and the list goes on. We turn to our devices for everything - from waiting in line at the grocery store or reading the news, to filing our taxes or controlling the thermostat. We don't just use our smartphones for everything— we rely on them.
The brain on 'smartphone' is the same as the brain on cocaine. It's all thanks to dopamine, the feel-good chemical that gets released every time you do something you enjoy, like eating your favourite meal or getting a hundred likes on your latest Instagram post. Dopamine reinforces (and motivates) behaviour that makes us feel good and, in turn, can create addiction.
At the same time, having access to a constant flow of information has all but destroyed attention spans: a few years ago, a widely publicized study proved goldfish can focus longer than we can. This increase in ADD-like symptoms has been linked to the overuse of smartphones.
The effects of smartphone addiction don't stop there; our overuse of technology

has completely transformed how we communicate and interact with other people. *Instead of getting real face time with the people in our lives, we hide often behind a screen.* While technology can be a useful tool for keeping us connected, we must be careful with when and how we use it.

There's nothing wrong with using the technology available to us. But when our smartphone usage interferes with our health and relationships with others, that's when it becomes a problem. There's a time and place to use devices and, more importantly, times to put them away.

Most people are aware of when it's **appropriate** (or inappropriate) to use their smartphones, such as in meetings or job interviews. The scary thing is that the majority of those people will use them anyway! That's where addiction comes into play: they know it's wrong, but they can't control the compulsion to pick up their phones.

(1) Which of the following words is similar in meaning to 'acknowledge' as used in the passage?

Concede
Deny
Satirize
Deride
Praise

Solution:

The meanings of the given words are as follows:

Acknowledge: accept or admit the existence or truth of
Concede: admit or agree that something is true after first denying or resisting it
Deny: state that one refuses to admit the truth or existence of
Satirize: deride and criticize by means of satire
Deride: express contempt for; ridicule
Praise: express warm approval or admiration of

Therefore, **concede** is the synonym of **acknowledge.**

(2) Which of the following words is opposite in meaning to 'appropriate' as used in the passage?

Opportune
Opinionated
Irrelevant
Snobby
Meek

Solution:

The meanings of the given words are as follows:

Appropriate: suitable or proper in the circumstances
Opportune: (of a time) especially convenient or appropriate for a particular action or event
Opinionated: characterized by conceited assertiveness and dogmatism
Irrelevant: not connected with or relevant to something
Snobby: relating to, characteristic of, or like a snob
Meek: quiet, gentle, and easily imposed on; submissive

Therefore, **irrelevant** is the antonym of **appropriate.**

(3) Which of the following words is similar in meaning to 'prone' as used in the passage?

Ignoble
Immune
Virtuous
Susceptible
Resistant

Solution:

The meanings of the given words are as follows:

Prone: likely or liable to suffer from, do, or experience something unpleasant or regrettable
Ignoble: not honourable in character or purpose
Immune: protected or exempt, especially from an obligation or the effects of something
Virtuous: having or showing high moral standards
Susceptible: likely or liable to be influenced or harmed by a particular thing

Resistant: offering resistance to something or someone
Therefore, **susceptible** is the synonym of **prone.**

(4) One of the phrases of the italicized sentence in the passage is grammatically incorrect. Identify the incorrect phrase and find its correct replacement from the following options.

Along the people
In their lives
Often hide behind
To get real face time
No error and hence no replacement required

Solution:

The sentence is "*Instead of getting real face time with the people in our lives, we hide often behind a screen*"
The error is in the phrase 'hide often behind'.
'Often' is an adverb which is used before the verb and not after it. In the italicized sentence, it is used after the verb, which is erroneous. The correct phrase should be "often hide behind".
The other parts in the given sentence are correct. Therefore, option C is the correct answer.

(5) Which of the following statements is/ are TRUE with reference to the passage?

I. Besides being used as a communication device, nowadays, cell phones also act as navigation tools and cameras.
II. Smartphones influence the way we interact and connect with the people.
III. Smartphone addiction increases concentration.

Only I
Both I and II
Only III
All I, II and III

Both II and III

Solution:

The passage is about smartphone addiction and the harmful effects it has on people.
Statements I and II are listed in the passage and hence, are true.
Also, it is mentioned in the passage that 'a widely publicized study proved goldfish can focus longer than we can' which implies that smartphone addiction doesn't lead to increase in concentration.

Hence, **option B** is the correct answer.

(6) Which among the following could be a suitable way to control smartphone addiction?

By getting involved in physical exercises
By turning off app notifications
By asking friends to call every now and then
By installing applications like fitness tracker
None of the above

Solution:

According to the passage, "Humans are, by nature, prone to distraction. With smartphones, we literally have a world of distractions at our fingertips." Logically speaking, app notifications are a cause of distraction as they instigate a user to pick up his/ her mobile phone.

One might be prompted to mark option B as the correct answer. However, always remember while attempting an RC one **cannot** deduce anything that is not given in the passage. Also, such a scenario is subjective and will vary from person to person. There is no mention of disabling notification in the entire passage.

Hence, the correct answer is option E.

(7) What is meant by the following sentence of the passage?
'The brain on 'smartphone' is the same as the brain on cocaine'.

The brain after smartphone addiction works just like it does after cocaine addiction.
Smartphones have provided us with a virtually unlimited supply of social stimuli, both positive and negative, which trigger the release of dopamine just like the cocaine does.
Smartphones addiction causes insomnia, which is similar in nature to the one caused by cocaine addiction.
The brain is an organ which responds positively to excesses.
None of the above

Solution:

The given sentence suggests that the reaction of the brain to smartphone addiction is similar to that of cocaine addiction. The reaction is caused because of the release of dopamine which is triggered by positive and negative stimuli.

The other options are irrelevant in the context of the passage. Therefore, **option B** is the correct answer.

(8) Which of the following statements is false in relation to smartphone addiction?

The overall productivity of a person is affected by smartphone addiction.
Smartphone addiction can hamper our mental health and relationships with others.
Smartphone addiction results in increased harmony and co-operation among people.
Smartphone addiction affects our physical health.
None of the above

Solution:

Smartphone addiction is nowhere advantageous to the society. It does not lead to an increase in harmony or co-operation among the people. However, it affects mental and physical health. Also, productivity is affected due to smartphone addiction. Hence,**option C**is the correct answer.

(9) **Direction:** In the given question, a sentence is divided into four parts. There are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E, i.e. 'All are correct' as the answer.

Comparisons have been drawn between (A)/ the pneumonia caused by the new virus or SARS (B)/ which infect more than 8000 people (C)/ during a global outbreak that begin in 2003. (D)

A

B

C

D

All are correct

Solution:

The error in part B lies in the use of the coordinating conjunction 'or'. 'Or' is used to indicate independent relations. But in this case, since the two diseases are related to a certain extent (on the basis of their influence), the coordinating conjunction 'and' should be used.

In part C, the error lies in the use of the present tense 'infect' to refer to an action that has occurred in the past (2003). The past tense 'infected should be used. Similarly, in part D, instead of 'begin', the past participle 'begun' should be used.

Thus, the correct part is A, making option A the correct answer.

(10) **Direction:** In the given question, a sentence is divided into four parts. There are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E, i.e. 'All are correct' as the answer.

Bosses and investors purse the documents (A)/ for clues about whose industries or firms (B)/ have gained favour (C)/ and whose have fallen out of it.

A

B

C

D

All are correct

Solution:

The error in part A lies in the usage of the word 'purse'. 'Purse' means a small pouch of leather or plastic used for carrying money, typically by a woman. The correct word to be used here should be 'parse' which means an act of understanding a string or a text.

In part B the error lies in the usage of 'whose'. The relative pronoun *whose* is used to indicate that something belongs to or is owned by someone or something else. But in the context of the given sentence, the pronoun should directly refer to the 'industries or firms'. Thus, 'which' should be used. The same error is observed in part D.

Thus, part C is error free, making option C the correct answer.

(11) **Direction:** In the given question, a sentence is divided into four parts. There are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E, i.e. 'All are correct' as the answer.

After an in-depth interview, (A)/ in which Lurie was asked about (B)/ his family life and two children, (C)/ he was diagnosed with schizophrenia and hospitalised. (D)
A
B
C
D
All are correct

Solution:

There are no errors in any part of the sentence, making option E the correct answer.

(12) **Direction:** In the given question, a sentence is divided into four parts. There are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E, i.e. 'All are correct' as the answer.

The real difference would be that, (A)/ in genuine European affairs such that (B)/ the future of the Balkans, Ukraine, Turkey and the farther evolution of the EU itself, (C)/ London will no longer have a say. (D)
A

B
C
D
All are correct

Solution:

The sentence is talking about a future action. Thus, in part A it is incorrect to use 'would' and 'will' should be used instead.

In part B the usage of the subordinating conjunction 'such that' is incorrect. The correct phrase here should be 'such as' which is used to introduce an appositive, which is a word group that explains or clarifies through example the words preceding it.

In part C, instead of 'farther' which implies physical distance we need to use 'further' which implies metaphorical distance.

Thus, part D is error free, making option D the correct answer.

(13) **Direction:** In the given question, a sentence is divided into four parts. There are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E, i.e. 'All are correct' as the answer.

Rosenhan's work hold up for scrutiny (A)/ the often-harmful nature of psychiatric hospitals (B)/ and galvanised a growing movement to shut the largest ones (C)/ and replace them with smallest, community-based mental health centres. (D)
A
B
C
D
All are correct

Solution:

In part A, the phrase 'hold up' is incorrect as it means a robbery. the correct phrase here should be 'held up' which means for a story to be considered true after an investigation.

In parts C and D the degrees of comparison are incorrect for 'largest' and 'smallest'. The superlative degrees have been used, but the comparative forms would be a better choice here.

Thus, part B is error free, making option B the correct answer.

(14) **Direction:** In the given question, a sentence is divided into four parts. There are errors in three parts. Choose the part which doesn't have an error. If all the four parts are correct, mark E, i.e. 'All are correct' as the answer.

The competition is between two models of politics (A)/ where both is advocating the politics of neighbourhood (B)/ and promised the supply of everyday needs at a reasonable price (C)/ and the other is pitching the issues of religious nationalism. (D)

A

B

C

D

All are correct

Solution:

The sentence at the beginning itself establishes the fact that there is a competition. Then in part B instead of 'both' we need to use the determiner 'one' to establish the contrast between the two competitors.

In part C, instead of the past tense 'promised', the future tense 'promising' should be used.

In part D, instead of the plural 'issues' the singular should be used as 'regional nationalism' is a singular topic with many facets which has not been mentioned.

Thus, part A is the error free part making option A the correct answer.

(15) **Direction:** In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

A) with Australia's average summer temperatures increasing,

B) there has been an increase in the frequency and intensity

C) for three years with declining average rainfall levels

D) of heat waves and droughts and

E) vast parts of the country were reeling under a drought

DBCEA
DBCAE
CABDE
ABCDE
ABDEC

Solution:

From the given segments it is evident that the sentence should begin with part A as it establishes the Australian temperature conditions. It should be followed by part B which states effect of increase in average temperature. Part D which talks about heat waves and droughts should follow B as then it becomes clear the area of the effect mentioned by parts A and B. this should be followed by part E which acts as a separate independent clause attached to the sentence by 'and'. Part C comes in the end. The correct order is ABDEC, making option E the correct answer.

(16) **Direction:** In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

A) and global coordination

B) vigilance, preparedness,

C) speed, transparency

D) from becoming a global emergency

E) are now crucial to stopping a new infectious disease

DBCEA
BCAED
CABDE
ABCDE
ABDEC

Solution:

We can observe that parts A, B and C list out several characteristics. This makes it evident that either B or C can start the sentence. This negates options A, D and E.

part A will always come in the third position as it is preceded by the conjunction 'and' which makes it clear that it joins BC or CB. If part A is in the third position then option B is our only correct answer.

(17) **Direction:** In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

A) more than 10 million hectares of forestland

B) have burnt down across the country,

C) leading to mass evacuations and

D) thousands of people stranded at seashores,

E) considering it safer

DBCEA
BCAED
CABDE
ABCDE
ABDEC

Solution:

part A should begin the sentence as it draws the readers focus to the pertinent issue of forestland. It should be followed by part B which talks about the state of the forest lands. Its effect is explained in part C which should come next followed by part D which acts as an independent but equally important clause and can be joined by 'and'. Part E comes in the end. This makes option D the correct answer as the correct sequence is ABCDE.

(18) **Direction:** In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

A) and screen travellers from Wuhan in central China

B) have mounted an enormous operation to track

C) authorities in the country and around the world

D) railway and skies to be with their families for the new year holidays,

E) as hundreds of millions of people in China take to the roads,

EDCAB
BCAED
EDCBA
ABCDE
ABDEC

Solution:

From the parts it is evident that the sentence starts with part E which draws the focus towards the travellers and this part ends with 'roads'. This makes it evident that D should be the second part as it begins with 'railway' and thus acts as a continuation to tell the reader the types of transport availed by the travellers. This negates option B, D and E.

Part C which talks about the authorities should come in next followed by part B which talks about their action. Thus, the correct order is EDCBA, making option C the correct answer.

(19) **Direction:** In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

A) in California in the United States

B) of the Australian wildfires have dwarfed

C) the catastrophe caused by the fires in

D) the extent of damages and the intensity

E) Brazilian Amazon forests and

DBCEA
BCAED
EDCBA
ABCDE
ABDEC

Solution:

From the different parts it is evident that the sentence aims to present a comparison between forest fires in different areas. The sentence should begin with part D. parts E and A form an unit which list two areas. Part B which talks of a single area and uses the comparative 'dwarfed' must come in second position. This makes option A the only eligible correct answer.

(20) **Direction:** In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

A) a fever along with

B) people with the virus report

C) such as a cough or

D) other symptoms of lower-respiratory infection

E) breathing difficulties

DBCEA
BADCE
EDCBA
ABCDE
ABDEC

Solution:

From the given parts, it is evident that part B should start the sentence. This is because it draws attention to the people who have the virus and the rest of the sentence then goes on to explain their symptoms. Thus, option B which has part B in the beginning is the correct answer.

(21) **Direction:** Which of the following phrases (i), (ii), and (iii) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (E) i.e., "No correction required" as the answer

Around 7 million people **is preparing to fly in China** to 400 cities in 100 countries to celebrate the Chinese New Year.

i. Are preparing to fly from China

ii. Is prepared to fly from China

iii. Will fly from China

Only i
Only ii
Only iii
Both i and iii
No error

Solution:

'is' cannot be used as 'people' is plural and it would create a subject-verb disagreement. So, phrase ii can be negated.

Phrase i is correct as it uses 'are' which helps maintain the subject-verb agreement.

Phrase iii can also replace the highlighted part as it uses 'will fly' to indicate future tense which is appropriate for the sentence.

Thus, option D is the correct answer.

(22) **Direction:** Which of the following phrases (i), (ii), and (iii) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (E) i.e., "No correction required" as the answer

Scientists are **increasing concerned** about a new virus that is spreading in Asia.

i. Increasingly concerned

ii. More increasingly concerned

iii. Increasingly conceited

Only i
Only ii

Only iii
Both i and iii
No correction required

Solution:

'Concerned' is a verb and thus needs an adverb to modify it. 'increasing' is an adjective while the adverb is 'increasingly'. So, phrase i can replace the highlighted part. In phrase ii, 'more' which is a determiner has been incorrectly placed before the adverb. In phrase iii, 'conceited' means excessively proud of oneself and is out of context with respect to the sentence. Thus, option A is the correct answer.

(23) **Direction:** Which of the following phrases (i), (ii), and (iii) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (E) i.e., "No correction required" as the answer

It also now seems that the virus can be spread from person to person, **in spite the extent** of such transmissibility is unclear.

i. Despite the extent

ii. Though the extent

iii. Although the extent

Only i
Only ii
Both ii and iii
Both i and iii
No correction required

Solution:

'in spite' is a preposition phrase always followed by 'of' which makes the highlighted phrase incorrect. Phrase i cannot replace it as 'despite' should always be placed in front of a noun or a pronoun.

But ‘though’ and ‘although’ which are synonyms and refer to ‘in spite of the fact that’ are the correct replacements for the highlighted phrase. This makes option C the correct answer.

(24) **Direction:** Which of the following phrases (i), (ii), and (iii) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (E) i.e., "No correction required" as the answer

Trust is undermine when scientists make overblown promises about disease prevention.

i. Trust is compromise

ii. Trust is undermined

iii. Trust is diminish

Both i and ii
Only ii
Only iii
Both i and iii
No correction required

Solution:

the sentence is in present perfect tense and thus, ‘undermine’ should be used in its present perfect format which is ‘undermined. This makes phrases i and ii also incorrect as they use the present tense forms of ‘compromise’ and ‘diminish’ both of which are synonymous to ‘undermine’. Thus, only phrase ii can replace the highlighted phrase making option B the correct answer.

(25) **Direction:** Which of the following phrases (i), (ii), and (iii) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct

sentence. If the sentence is correct as it is, mark (E) i.e., "No correction required" as the answer

The resurgence of Ebola virus in the Democratic Republic of the Congo this May is a stark reminder that no amount of DNA sequencing can tell us **when or where the next virus outbreak will appear.**

i. when the next virus outbreak will appear.

ii. where the next virus outbreak will appear.

iii. About how the next virus outbreak will appear.

Only i
Only ii
Only iii
Both i and iii
No correction required

Solution:

The highlighted phrase is both grammatically and contextually correct. This makes option E the correct answer.

(26) **Direction:** Which of the following phrases (i), (ii), and (iii) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (E) i.e., "No correction required" as the answer

Broad genomic surveys of animal viruses **will almost certain advance** our understanding of virus diversity and evolution.

i. Will most certainly advance

ii. Will almost certainly advance

iii. Would almost certainly advance

Both i and ii
Both ii and iii
Only iii

Both i and iii
No correction required

Solution:

advance is a verb and needs an adverb to modify it. Thus, 'certainly' should be used. Both i and ii fulfill this criterion. But iii cannot be used as 'would' is the past tense form and its usage will imply that the sentence is talking about past understandings. Thus, option A is the correct answer.

(27) **Direction:** In the given question, an idiom/phrase has been printed in bold in the sentence. Choose the alternative that best expresses the meaning of the idiom/phrase.

Racist feelings almost certainly **lie at the bottom of these** recent attacks.
To be the basic cause of something unpleasant
A certainty that something will happen or be true
The last of one's ready or available ploys or tricks
To hate somebody from the core of heart
Everyone must be self-sufficient.

Solution:

The idiom "lie at the bottom" is used to mean 'to be the basic cause of a problem or situation'. The above sentence mentions that the root cause of the recent attacks is the racist feelings. Thus, option A is the correct answer.

(28) **Direction:** In the given question, an idiom/phrase has been printed in bold in the sentence. Choose the alternative that best expresses the meaning of the idiom/phrase.

We needed to go outside, as the **children were bouncing off the wall.**
In continuous, consecutive, unbroken succession
A sign that something is healthy or recovering, when in fact the thing is already on its way to ruin, collapse, or stagnation.
Of a person, to move or change between several different things
To discuss an idea with one, in order to gauge interest in it or get feedback.

To be excited and full of nervous energy

Solution:

The idiom “bouncing off the wall” is used to mean ‘to be very active and energetic to the point of hyperactivity’. Thus, option E is the correct answer.

(29) **Direction:** In the given question, an idiom/phrase has been printed in bold in the sentence. Choose the alternative that best expresses the meaning of the idiom/phrase.

All her efforts to be polite **went by the board** and she started to shout.
Involving every part or person of an organization
To be honest and legal
To be calm
To be rejected or ignored
To be shy

Solution:

The idiom “went by the board” is used to mean (of something planned or previously upheld) be abandoned, rejected, or ignored. Thus, option D is the correct answer.

(30) **Direction:** In the given question, an idiom/phrase has been printed in bold in the sentence. Choose the alternative that best expresses the meaning of the idiom/phrase.

Environmental groups **smell blood**, and are increasing their campaign against the airport.
To recognize an opportunity to be more successful
Harmed but not defeated
To have a fight or serious argument
anger or a bad relationship due to past problems with someone
To be terrified or horrified by somebody or something

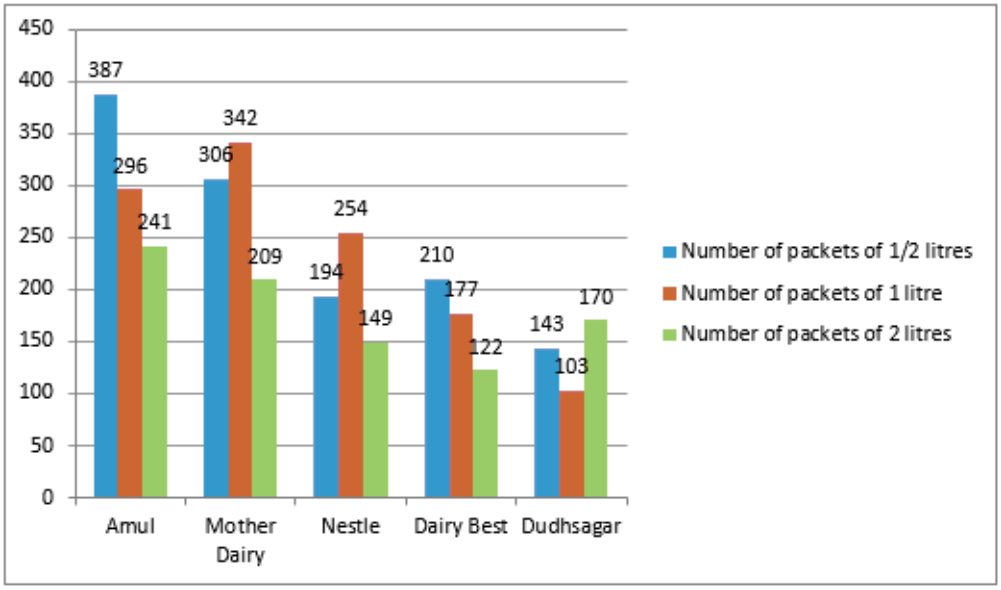
Solution:

The idiom “smell blood” means to discern weakness or vulnerability in an opponent. Thus, option A is the correct answer.

Quantitative Ability

(31-35) **Direction:** Answer the questions based on the information given below:

A shopkeeper sells milk of five different brands - Amul, Mother Dairy, Nestlé, Dairy Best and Dudhsagar in packets of half liter, 1 liter and 2 liters.
The number of milk packets of half a liter, 1 liter and 2 liter sold by the shopkeeper in a month is given in the below bar chart.



(31) What is the difference between the total quantity of Amul milk and the total quantity of Nestle milk sold by the shopkeeper (in litres)?

322.5 litres
348.5 litres
335.5 litres
304.5 litres
319.5 litres

Solution:

Total quantity of Amul milk sold by the shopkeeper
$= 387 \times 0.5 + 296 \times 1 + 241 \times 2 = 193.5 + 296 + 482 = 971.5$ litres

Total quantity of Nestle milk sold by the shopkeeper
$= 194 \times 0.5 + 254 \times 1 + 149 \times 2 = 97 + 254 + 298 = 649$ litres

Required difference = $971.5 - 649 = 322.5$ litres

So option (a) is the correct answer.

(32) If the price of Dudhsagar milk is Rs. 36 per litre, then find the total amount of money earned by the shopkeeper on selling Dudhsagar milk.

Rs. 18252
Rs. 18072
Rs. 18522
Rs. 18378
Rs. 18702

Solution:

Total quantity of Dudhsagar milk sold by the shopkeeper
$= 143 \times 0.5 + 103 \times 1 + 170 \times 2 = 71.5 + 103 + 340 = 514.5$ litres

Total amount of money earned by the shopkeeper = $514.5 \times 36 = \text{Rs. } 18522$

So option (c) is the correct answer.

(33) What is the difference between the total number of 1 litre and 2 litres milk packets sold by the shopkeeper?

268
299
292
270
281

Solution:

Total number of packets of 1 litre of milk sold by the shopkeeper
$= 296 + 342 + 254 + 177 + 103 = 1172$

Total number of packets of 2 litre of milk sold by the shopkeeper
$= 241 + 209 + 149 + 122 + 170 = 891$

Therefore, required difference = $1172 - 891 = 281$

So option (E) is the correct answer.

(34) If the price of the half litre, 1 litre and 2 litres milk packet of Mother Dairy brand is Rs. 21, Rs. 41 and Rs. 80 respectively, then find the total amount earned by the shopkeeper from selling the milk of Mother Dairy.

Rs. 36956
Rs. 37168
Rs. 39442
Rs. 35820
Rs. 38644

Solution:

Total amount earned by the shopkeeper on selling $\frac{1}{2}$ litre packet
$= 306 \times 21 = \text{Rs. } 6426$

Total amount earned by the shopkeeper on selling 1 litre packet
$= 342 \times 41 = \text{Rs. } 14022$

Total amount earned by the shopkeeper on selling 2 litre packet
$= 209 \times 80 = \text{Rs. } 16720$

Therefore, the total amount earned by the shopkeeper on selling Mother Dairy milk = Rs. (6426 + 14022 + 16720) = Rs. 37168

So option (B) is the correct answer.

(35) How many packets of $\frac{1}{2}$ litres of milk were sold by the shopkeeper?

1240
1260
1270
1250

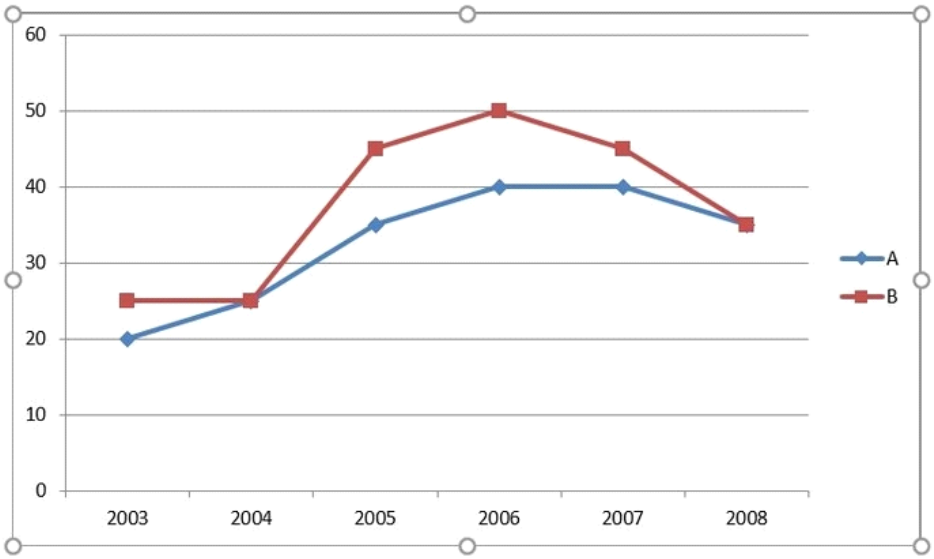
1230

Solution:

Total number of packets of $\frac{1}{2}$ litres of milk sold by the shopkeeper
$= 387 + 306 + 194 + 210 + 143 = 1240$

So option (A) is the correct answer.

(36-40) **Direction:** Read the following information carefully and answer the below questions.
The following graph shows the percentage increase in the population of village A and village B in given year over previous year.



It is also given that:
Population of A in 2002 = 10 million
Population of B in 2002 = 12 million

(36) Population of village A in the years 2005 and 2007 together is approximately how much more/less than the population of village B in the years 2004 and 2008 together?
45.61 million
38.64 million
54.63 million
48.64 million

43.11 million

Solution:

Population of village A in year 2005 = $10.000000 \times \frac{120}{100} \times \frac{125}{100} \times \frac{135}{100}$ = 20250000
Population of village A in year 2007 = 39690000
Population of A in 2005 and 2007 = 20250000 + 39690000 = 59940000
Population of B in 2004 = 18750000
Population of B in 2008 $\approx$ 79829296
Total population of village B in year 2004 and 2008 = 18750000 + 79829296
= 98579296
Required difference = 98579296 – 59940000 $\approx$ 38.64 million

(37) What is the average population of villages A and B in the year 2004?

1857500
1687500
1627500
1562500
None of these

Solution:

Population of village A in 2004 = 10,00,000 × 1.2 × 1.25 = 1500000
Population of village B in 2004 = 12,00,000 × 1.25 × 1.25 = 1875000
Hence, the required average = (15,00,000 + 18,75,000)/2 = 1687500

(38) Population of village A in year 2004 is by what per cent more or less than the population of village B in 2006? (round off to 2 decimal places)

64.21%
63.22%
65.31%
64.31%
60%

Solution:

Population of village A in 2004 = $10 \times \frac{120}{100} \times \frac{125}{100}$ = 15 million

Population of village B in 2006 = $12 \times \frac{125}{100} \times \frac{125}{100} \times \frac{145}{100} \times \frac{150}{100}$

Hence, the required percentage = $\frac{40.78125-15}{40.78125} \times 100 \approx 63.22\%$

(39) In the year 2005, the female population in villages A and B are 60% and 80% respectively, then find the sum of the female population of villages A and B in the year 2005.

33.90 million
48.20 million
36.40 million
32.60 million
45.50 million

Solution:

Population of village A in 2005 = 10 × 1.2 × 1.25 × 1.35 = 20.25 million
Population of village B in 2005 = 12 × 1.25 × 1.25 × 1.45 = 27.1875 million
Female population of village A in 2005 = 60% of 20.25 = 12.15 million
Female population of village B in 2005 = 80% of 27.1875 = 21.75 million
Hence, the required sum = 12.15 + 21.75 = 33.90 million

(40) Find the difference between population of both states in 2006?

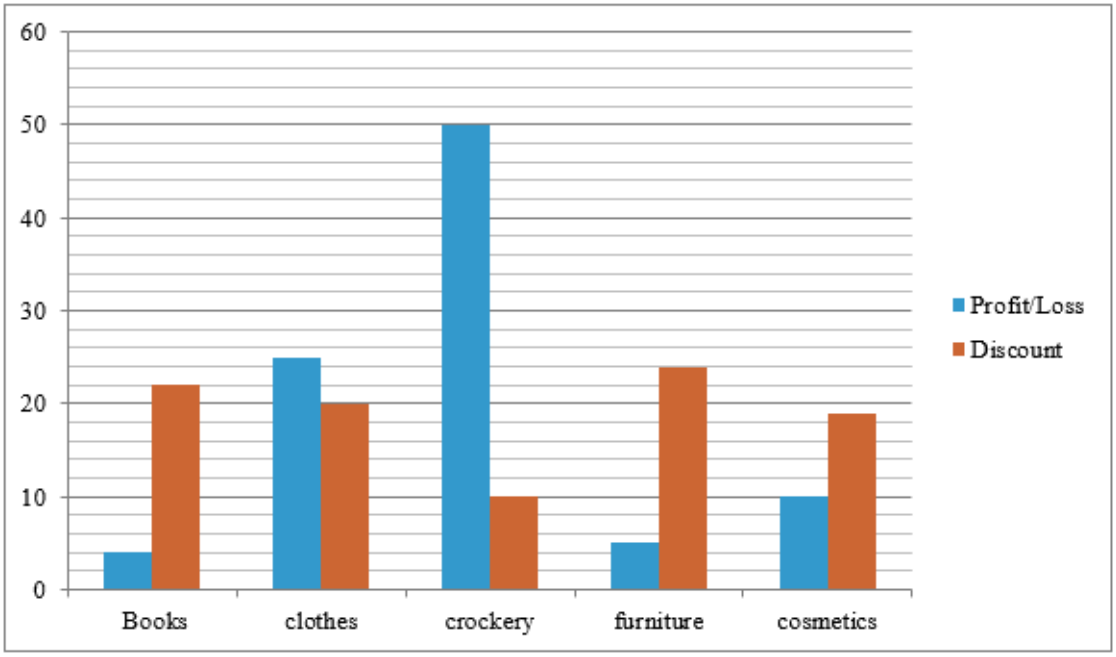
12431750
12431250
12431760
12441260
12562250

Solution:

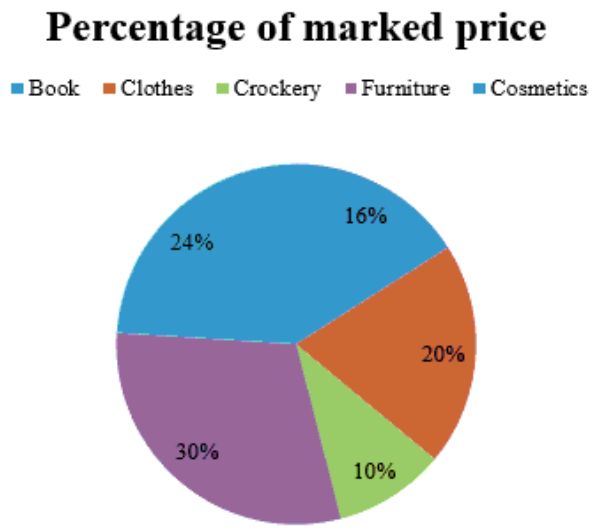
population of A in 2006 = 28.35 million
Population of B in 2006 = 40.78125 million
Difference = 12.43125 million = 12431250

(41-45) **Direction**: Read the following information carefully and answer the related questions.

The bar graph shows the profit/loss percentage and discount percent given on marked price.



Total marked price of book, clothes, crockery, furniture and cosmetics together = 2500



(41) If on crockery profit occurs then, what is the ratio of selling price to cost price of the crockery?

4 : 3

3 : 2

2 : 1
7 : 4
None of these

Solution:

Marked price of books = 16/100 * 2500 = 400
Similarly, marked price of clothes = 500
Marked price of crockery = 250
Marked price of furniture = 750
Marked price of cosmetics = 600
Now, selling price of books = $\frac{78}{100} \times 500 = 312$
Similarly, selling price of clothes = 400
Selling price of crockery = 225
Selling price of furniture = 570
Selling price of cosmetics = 486
Profit on crockery = 50%
Cost price of crockery = $\frac{100}{150} \times 225 = 150$
Ratio = $\frac{225}{150} = \frac{3}{2}$
Hence, option (b) is the answer.

(42) The cost price of the book is 100% more than the cost price of crockery. What is the absolute loss value or absolute profit value occurring on the book? If required, use the data from the previous question.

Rs. 28
Rs. 36
Rs. 12
Rs. 54
None of these

Solution:

The cost price of the book is 100% more than the cost price of crockery. So,
Cost price of book = 2 $\times$ 150 = 300
mark price of book= 2500$\times$ 16%= Rs. 400
so selling price= 400(100-22)%= Rs. 312

Therefore, profit on book = 312 – 300 = Rs. 12
Hence, the option (c) is the answer.

(43) Ratio of selling price to cost price of clothes is 5 : 4. Selling price of book is what percent more or less than the cost price of clothes?

2.5%
3.65%
4.5%
3.0%
4.95%

Solution:

Ratio of selling price to cost price of clothes is 5 : 4. So,
Cost price of clothes = $\frac{4}{5} \times 400 = 320$
Market Price of books = 16% of 2500 = 400
So, SP of book = 78 % of 400 = 312(Since discount on Marked price is 22%)
So, Reqd. Percentage = $\frac{320-312}{320} \times 100 = 2.5\%$
Hence, option (a) is the answer.

(44) What is the difference between the selling price of clothes, crockery and cosmetics together and selling price of book, clothes and furniture? If required, use the data from the previous questions.

79
171
98
125
136

Solution:

Difference between selling price of clothes, crockery and cosmetics together and Selling price of book, clothes and furniture = (312 + 400 + 570) - (400 + 225 + 486) = 171
Hence, option (b) is the answer.

(45) If the loss occurred in cosmetics, then what is the total cost price of cosmetic & crockery? Use the data from the previous questions if required.

Rs. 850
Rs. 580
Rs. 630
Rs. 690
Rs. 930

Solution:

Loss on cosmetics = 10%
Cost price of cosmetics = 100/90 * 486 = 540
Total cost price = 150 + 540 = 690
Hence, option (d) is the answer.

(46) **Direction:** What should come in place of question mark (?) in the following number series?

28, 284, 412, ?, 508, 524
434
456
476
482
494

Solution:

The pattern of the series is:
$28 + 2^8 = 284$
$284 + 2^7 = 412$
$412 + 2^6 = 476$
$476 + 2^5 = 508$
$508 + 2^4 = 524$

(47) **Direction**: What should come in place of the question mark '?' in the following number series?

25, 36, 69, ?, 201, 300
124
126
128
136
109

Solution:

The pattern of the series is:
25 + 11 = 36
36 + 33 = 69
69 + 55 =**124**
124 + 77 = 201
201 + 99 = 300

(48) **Direction**: What will come in place of the question mark (?) in the following number series?

46, 187, 284, 345, 378, ?
378
385
356
391
315

Solution:

The pattern of the series is:
46 187 284 345 378 **391**
+141 +97 +61 +33 +13
– 44 –36 –28 –20
+8 +8 +8

(49) **Directions:** What value should come at the place of question mark (?) in the given number series?

48, 72, 144, ?, 1080, 3780
360

350
450
650
750

Solution:

The pattern of the series is:
48 × 1.5 = 72
72 × 2 = 144
144 × 2.5 = 360
360 × 3 = 1080
1080 × 3.5 = 3780

(50) **Direction**: What will come in place of question mark(?) in the given number series?

3, 7, 13, 27, ?, 107, 213
41
47
63
54
None of these

Solution:

The pattern of the series is:

3 × 2 + 1 = 7

7 × 2 – 1 = 13

13 × 2 + 1 = 27

27 × 2 – 1 = **53**

53 × 2 + 1 = 107
107 × 2 – 1 = 213

(51) In a river, the ratio of the speed of current and speed of the boat in still water is 3 : 4 and the ratio of the speed of stream and speed of an another boat in

still water is 4 : 5. What is the ratio of the speeds of the first and second boat in still water?

14 : 9
16 : 15
5 : 6
5 : 7
9 : 10

Solution:

Let the Speed of stream be 12 km/hr, then
For the first boat:
Speed of stream : speed of boat = 3 : 4 = 12 : 16
⇒ Speed of first boat = 16 km/hr

For the second boat:
Speed of stream : speed of boat = 4 : 5 = 12 : 15
⇒ Speed of second boat = 15 km/hr

Hence, the required ratio = 16 : 15.

(52) Three men Abhi, Bhuvi and Charan working together 8 hours per day can print 900 pages in 20 days. In a day Bhuvi prints as many pages more than Abhi as Charan prints as many pages more than Bhuvi. The number of pages printed by Abhi in 4 hours equal to the number of pages printed by Charan in 1 hours. How many pages Charan prints in each hour?

11
9
7
3
None of these

Solution:

(A+ B + C) per hour = $\frac{900}{20\times8}$ = $\frac{45}{8}$ …. (!)
Let Charan prints 4x pages per hour.

A'll prints x pages per hour.
ATQ
C – B = B + A
2B = A + C
B = $\frac{5X}{2}$
From (!)
X + $\frac{5x}{2}$ + 4x = $\frac{45}{8}$
7.5x = $\frac{45}{8}$
X = $\frac{\frac{45}{8}}{7.5}$ = $\frac{3}{4}$
No of pages print by Charan per hour = 4 × $\frac{3}{4}$ = 3

(53) 19 years ago, the average age of a woman and her daughter was 47.5 years. At present, two times of the woman's age is equal to five times of the daughter's age. 19 years hence, what will be the age of daughter?

55 years
47 years
57 years
59 years
None of these

Solution:

Let the present age of woman be 5x years, then
The present age of daughter age = (2 × 5x)/5 = 2x years

According to question
(5x – 19) + (2x – 19) = 47.5 × 2
⇒ 7x – 38 = 95
⇒ x = (95 + 38)/7 = 19
19 years hence the age of daughter = 2x + 19 = 38 + 19 = 57 years

Hence, option C is correct.

(54) The marks scored by Riya Joshi in three subjects are in the ratio 4 : 5 : 6. Riya Joshi scored over all aggregate of 60% in the exam. If the maximum marks in each subjects are the same, in how many subjects did Riya Joshi score more than 70% marks?

1
2
3
0
Can't be determined

Solution:

Let the maximum marks in each subject be 100

So, Riya Joshi's total score = 60% of (100+100+100) = 0.6(300) = 180

As per the question,

Let Riya Joshi have scored 4x,5x and 6x in the three subjects.

Now, $4x + 5x + 6x = 180$

$15x = 180$

$x = 12$

Therefore, marks in the three subjects are 48,60,72

Hence, he has scored more than 70 in exactly one subject.

Hence, option A is correct.

(55) Tony marked all toy cars in his shop 40% higher. He gave 35% discount on 60% of the total toy cars, and 12% discount on 25% of the total toy cars. Find the discount percentage Tony should have given on the remaining toy cars to get an overall profit of 4.3% on the sale of all toy cars.

5%
15%
10%
20%
25%

Solution:

Let, Tony has 100 cars and cost price of each car is Rs. 100

Then, marked price of each car = $1.4 \times 100 = Rs.\,140$

And, selling price of 100 cars = $100 \times 100 \times \frac{104.3}{100} = Rs.\,10430$

Selling price of 60 cars = $60 \times 140 \times \frac{65}{100} = Rs.\,5460$

Selling price of 25 cars = $25 \times 140 \times \frac{88}{100} = Rs.\,3080$

Let Tony gave x% discount on the remaining cars $(100 - 65 - 20 = 15\ cars)$

According to the question,

$$15 \times 140 \times \left[\frac{100 - x}{100}\right] + 5460 + 3080 = 10430$$

$$2100 \times \left[\frac{100 - x}{100}\right] = 1890$$

$$100 - x = 90$$

$$x = 10\%$$

So option (C) is the correct answer.

(56) A, B and C started a business with initial investments of Rs. ‘x+500’, Rs. ‘x+200’ and Rs. ‘2x+100’ respectively. After one year, A, B and C made additional investments of Rs. 200, Rs. 250 and Rs. 550, respectively. Find the value of ‘x’ if the profit share of A, out of the total profit of Rs. 7020 after two years is Rs. 2184.

Rs. 700
Rs. 750
Rs. 800
Rs. 850
None of these

Solution:

Respective ratio of the profits of A, B and C

$$= (x + 500 + x + 500 + 200) : (x + 200 + x + 200 + 250) : (2x + 100 + 2x + 100 + 550) =$$

$= (2x + 1200) : (2x + 650) : (4x + 750)$

According to the question,

$$\frac{2x + 1200}{8x + 2600} = \frac{2184}{7020}$$

$$\frac{x + 600}{4x + 1300} = \frac{14}{45}$$

$45x + 27000 = 56x + 18200$

$11x = 8800, x = 800$

So, the value of 'x' = Rs. 800

So option (C) is the correct answer.

(57) In the food Bazaar, there are three different qualities of Rice are available. The marked price of the first quality is Rs. 320 per kg. The marked price of the second quality and the third quality are 20% and 30% respectively more than the first quality. Find the average price of Rice, when all the three qualities are mixed in the ratio of 2 : 3 : 2?

312.78
386.25
379.12
374.86
Cannot be determined

Solution:

The marked price of the first quality = Rs. 320 per kg.

The marked price of the second quality = $320 * \frac{120}{100} = 384$

The marked price of the third quality = $320 * \frac{130}{100} = 416$

Now, all the three qualities are mixed in the ratio of 2: 3: 2

So the quantity of rice mixed of 1st quality of rice = 2k

The quantity of rice mixed of 2nd quality of rice = 3k

And the quantity of rice mixed of 3rd quality of rice = 2k

So, the total price of 1st quality of rice = 640k

The total price of 2nd quality of rice = 1152k

And total price of 3rd quality of rice = 832k

So, the average price of Rice = $\frac{640k+1152k+832k}{2k+3k+2k} = \frac{2624}{7} = 374.85$

So option (d) is the correct answer.

(58) Amit invested Rs. 45000 in a scheme offering 10% compound interest for 3 years. Ajay invested Rs. 'x' less than Amit in another scheme offering 12% simple interest for 3 years. Find the value of 'x' if the interest earned by Amit is Rs. 315 more than the interest earned by Ajay.

Rs. 3500
Rs. 4500
Rs. 7500
Rs. 6000
Rs. 4000

Solution:

Compound interest earned by Amit after 3 years
$= 45000 \times \{(1+0.10)^3 - 1\} = 45000 \times 0.331 = \text{Rs. } 14895$
Simple interest earned by Ajay after three years = 14895 – 315 = Rs. 14580
According to the question
3 × 12% of Ajay's investment = 14580
⇒ 1% of Ajay's investment = 405
⇒ Ajay's investment = 100% of Ajay's investment = 405 × 100 = Rs. 40500
So, the value of 'x' = 45000 – 40500 = Rs. 4500
So option (B) is the correct answer.

(59) The sum of perimeter of a rectangle (R) and a square (S) is 210 cm. The length and breadth of rectangle (R) is 40% more and 20% less than the side of square(S). Find the length of diagonal of rectangle (R).

$40\sqrt{5}cm$
$5\sqrt{65}cm$
$4\sqrt{35}cm$

$25\sqrt{2}cm$
$16\sqrt{30}cm$

Solution:

Let the side of square be 's' cm

So, length of rectangle = 1.4s cm

And, breadth of rectangle = 0.8s cm

According to the question,

$2(1.4s + 0.8s) + 4s = 210$

$4.4s + 4s = 210$

$8.4s = 210$

$s = \frac{210}{8.4} = 25\ cm$

So, length of rectangle = $1.4 \times 25 = 35\ cm$

And, breadth of rectangle = $0.8 \times 25 = 20\ cm$

So, diagonal of rectangle = $\sqrt{35^2 + 20^2} = \sqrt{1625} = 5\sqrt{65}\ cm$

So option (b) is the correct answer.

(60) There are two pipes A and B which can fill a tank in 10 and 12 hours. They were opened together to fill a tank but there is a leak in the pipe B, due to which pipe B fill the tank with 'x'% of its usual efficiency. If the tank got filled in 6 hours then find value of x.

20
40
55
80
60

Solution:

Let capacity of tank = 60 units (LCM of 10 and 12)
Pipe A's one hour work = 60/10 = 6 units
Pipe B's one hour work = 60/12 = 5 units

Units of water filled by pipe A in 6 hours = 6 × 6 = 36 units
Units of water filled by pipe B in 6 hours = 60 – 36 = 24 units
Units of water filled by pipe B in 1 hour = 24/6 = 4 units
According to question
x% of 5 = 4
⇒ x = 400/5 = 80
Hence, x = 80.

(61) **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

I. $2x^2 – 23x + 66 = 0$
II. $2y^2 – 18y + 40 = 0$
x > y
x < y
x ≥ y
x ≤ y
x = y or no relation can be established between x and y

Solution:

$2x^2 – 23x + 66 = 0$
⇒ $2x^2 – 12x – 11x + 66 = 0$
⇒ $2x(x – 6) – 11(x – 6) = 0$
⇒ $(x – 6)(2x – 11) = 0$
⇒ x = 6 or x = $\frac{11}{2}$ = 5.5
$2y^2 – 18y + 40 = 0$
⇒ $2y^2 – 18y + 40 = 0$
⇒ $2y^2 – 10y – 8y + 40 = 0$
⇒ $2y(y – 5) – 8(y – 5) = 0$
⇒ $(y – 5)(2y – 8) = 0$
⇒ y = 5 or y= $\frac{8}{2}$ = 4
Hence, x > y

(62) **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

I. $x^2 + 12x – 405 = 0$
II. $y^2 – 9y – 252 = 0$
$x > y$
$x < y$
$x \geq y$
$x \leq y$
x = y or no relation can be established between x and y

Solution:

I. $x^2 + 12x – 405 = 0$
$\Rightarrow x^2 + 27x – 15x – 405 = 0$
$\Rightarrow x(x + 27) – 15(x + 27) = 0$
$\Rightarrow (x + 27)(x – 15) = 0$
So, $x = –27$ or $x = +15$
II. $y^2 – 9y – 252 = 0$
$\Rightarrow y^2 – 21y + 12y – 252 = 0$
$\Rightarrow y(y – 21) + 12(y – 21) = 0$
$\Rightarrow (y – 21)(y + 12) = 0$
So, $y = +21$ or $y = –12$
When, $x = –27$, $x < y$ for $y = +21$ and $x < y$ for $y = –12$
And, when $x = +15$, $x < y$ for $y = +21$ and $x > y$ for $y = –12$
∴ We can see that relationship cannot be established.

(63) **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

I. $3x – 2y = 29$
II. $y = \sqrt{121}$

$x > y$
$x \geq y$
$x < y$
$x \leq y$

$x = y$ or the relationship cannot be established

Solution:

I. $3x - 2y = 29$
II. $y = \sqrt{121}$

From solving the equation II, $y = 11$

If $y = 11$ then $x = 17$

Hence, $x > y$

(64) **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

I. $6x^2 + 3x - 3 = 0$
II. $12y^2 - 26y + 10 = 0$
$x > y$
$x < y$
$x \geq y$
$x \leq y$
$x = y$ or no relation can be established between x and y

Solution:

I. $6x^2 + 3x - 3 = 0$
$\Rightarrow 6x^2 + 6x - 3x - 3 = 0$
$\Rightarrow 6x(x + 1) - 3(x + 1) = 0$
$\Rightarrow x = -1, 1/2$
II. $12y^2 - 26y + 10 = 0$
$\Rightarrow 6y^2 - 13y + 5 = 0$
$\Rightarrow 3y(2y - 1) - 5(2y - 1) = 0$
$\Rightarrow y = 5/3, 1/2$
Hence, $x \leq y$

(65) **Direction:** In the following question two equations are given in variables X and Y. You have to solve these equations and determine relation between X and Y.

I. $x^2 - 7\sqrt{7}x + 84 = 0$
II. $y^2 - 5\sqrt{5}y + 30 = 0$
$x > y$
$x < y$
$x \geq y$
$x \leq y$
x = y or no relation can be established between x and y

Solution:

I. $x^2 - 7\sqrt{7}x + 84 = 0$
$\Rightarrow x^2 - 4\sqrt{7}x - 3\sqrt{7}x + 84 = 0$
$\Rightarrow x(x - 4\sqrt{7}) - 3\sqrt{7}(x - 4\sqrt{7}) = 0$
$\Rightarrow (x - 4\sqrt{7})(x - 3\sqrt{7}) = 0$
$\Rightarrow x = 4\sqrt{7}$ and $3\sqrt{7}$

II. $y^2 - 5\sqrt{5}y + 30 = 0$
$\Rightarrow y^2 - 3\sqrt{5} - 2\sqrt{5}y - 30 = 0$
$\Rightarrow y(y - 3\sqrt{5}) - 2\sqrt{5}(y - 3\sqrt{5}) = 0$
$\Rightarrow (y - 2\sqrt{5})(y - 3\sqrt{5}) = 0$
$\Rightarrow y = 2\sqrt{5}$ and $3\sqrt{5}$
Hence, $x > y$

Reasoning Ability

(66-70) **Direction:** In the following questions, a statement or statements are given followed by some conclusions. Study the following data carefully and answer the questions accordingly.

A #B means A is smaller than B
A - B means A is either smaller than or equal to B
A @ B means A is greater than B
A * B means A is either greater than or equal to B
A) B means A is equal to B

(66) Statements:
H * M # E – D @ X
Conclusions:

I. X @ E
II. D @ M

If only conclusion I follow
If only conclusion II follows
If either conclusion I or II follows
If neither conclusion I nor II follows
If both conclusions I and II follows

Solution:

$H \geq M < E \leq D > X$

Therefore, option B is the correct answer.

(67)

Statements:

Z) M @ V) K – R * H

Conclusions:

I. V @ R

II. Z) R

If only conclusion I follow
If only conclusion II follows
If either conclusion I or II follows
If neither conclusion I nor II follows
If both conclusions I and II follows

Solution:

$Z = M > V = K \leq R \geq H$

Therefore, option D is the correct answer.

(68) **Statements:**

W) O @ D, R * W

Conclusions:

I. R) D

II. R @ D

If only conclusion I follow
If only conclusion II follows
If either conclusion I or II follows
If neither conclusion I nor II follows
If both conclusions I and II follows

Solution:

$R \geq W = O > D$

Therefore, option B is the correct answer.

(69) **Statements:**

N * P) Y, L – R * N

Conclusions:

I. L) N

II. R) P

If only conclusion I follow
If only conclusion II follows
If either conclusion I or II follows
If neither conclusion I nor II follows
If both conclusions I and II follows

Solution:

$L \leq R \geq N \geq P = Y$

Therefore, option D is the correct answer.

(70) **Statements:**

J * I, F @ G, J) G

Conclusions:

I. F @ J

II. I # F.

If only conclusion I follow
If only conclusion II follows
If either conclusion I or II follows

If neither conclusion I nor II follows
If both conclusions I and II follow

Solution:

F > G = J ≥ I

Therefore, option E is the correct answer.

(71-75) **Direction:** Study the following information carefully and answer the questions given below:

First four Roman Numbers I, II, III, IV are synonymous to first four natural numbers 1, 2, 3, and 4 respectively. On a first floor of a building in south block, there are four flats having number 101, 102, 103, and 104 from left to right but not in same order. Four flats are assigned Roman Numbers in increasing order. Flat number 102 and 103 are not adjacent. IV is adjacent to II on left. Flat number 103 and 104 are not adjacent. There are two flats between 3 and 4.

(71) Which Roman Number is assigned 1st from left?

I
II
III
IV
Cannot be determined

Solution:

Four Flats: 101, 102, 103, 104

Four Roman Numbers: I, II, III, IV

Four flats are assigned Roman Numbers in increasing order and First four Roman Numbers I, II, III, IV are synonymous to first four natural numbers 1, 2, 3, and 4 respectively.

Flat number 101 – I – 1

Flat number 102 – II – 2

Flat number 103 – III – 3

Flat number 104 – IV – 4

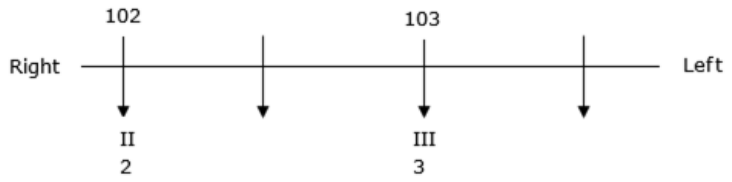
Four flats having number 101, 102, 103, and 104 on first floor of south block are arranged from left to right.

Steps:

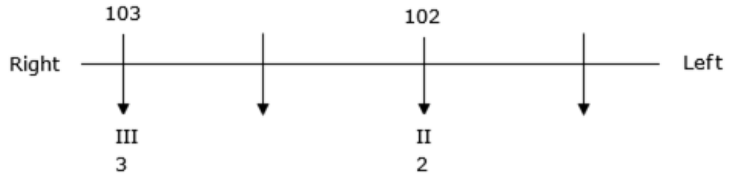
1) Flat number 102 and 103 are not adjacent.

Hence, six cases are possible.

Case 1:



Case 2:



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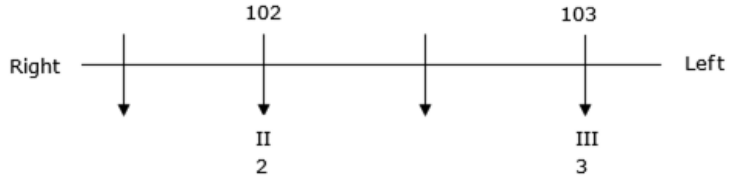
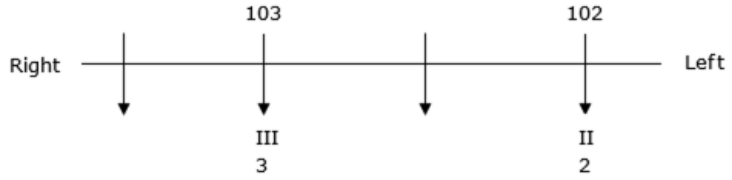
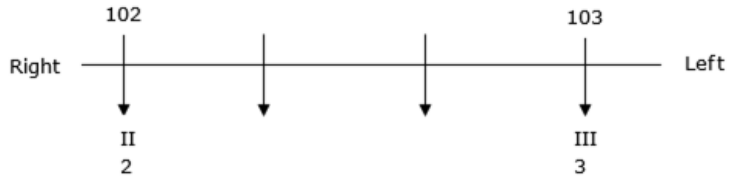


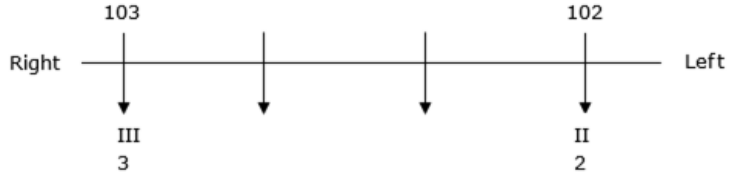
Case 4:



Case 5:

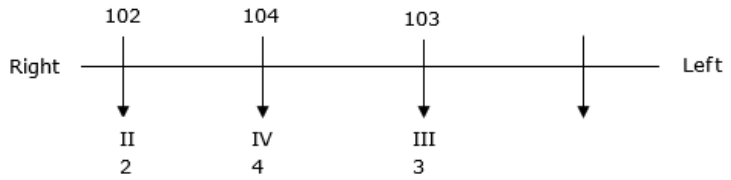


Case 6:

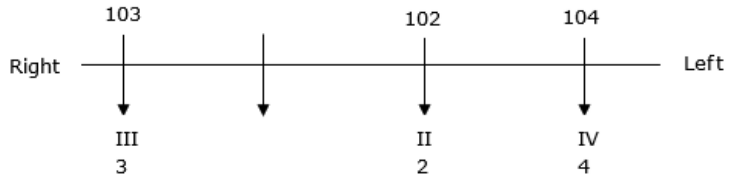


IV is adjacent to II on left. Hence, Case 4 and 6 are eliminated.

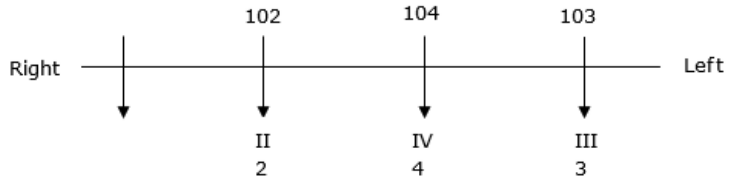
Case 1:



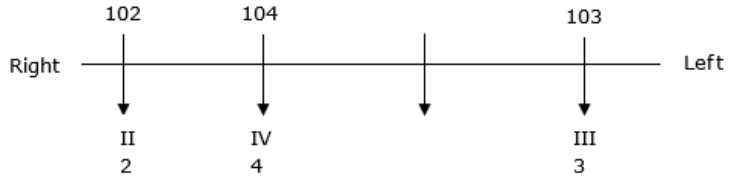
Case 2:



Case 3:



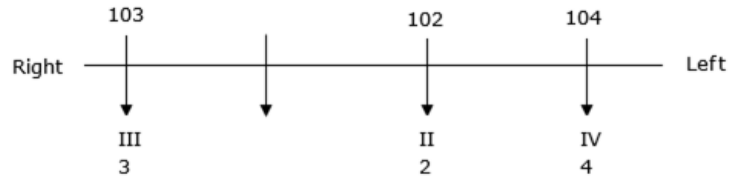
Case 4:



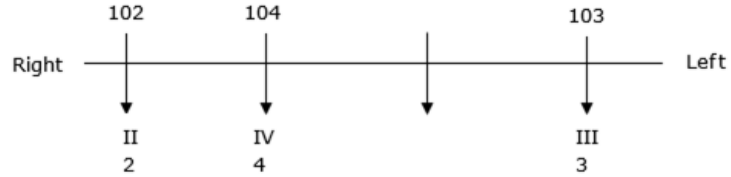
3) Flat number 103 and 104 are not adjacent.

Hence, Case 1 and Case 3 are eliminated. We get two cases as seen below.

Case 1:

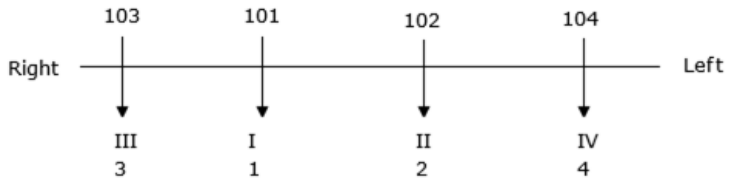


Case 2:



4) There are two flats between 3 and 4.

Hence, Case 2 is eliminated. We get the final arrangement by placing the remaining flat number 101 at the leftover position as given below.



Hence, IV is assigned 1st from left.

(72) Which flats are adjacent to each other?

1,2
2,3
1,4
3, 4
None of these

Solution:

Four Flats: 101, 102, 103, 104

Four Roman Numbers: I, II, III, IV

Four flats are assigned Roman Numbers in increasing order and First four Roman Numbers I, II, III, IV are synonymous to first four natural numbers 1, 2, 3, and 4 respectively.

Flat number 101 – I – 1

Flat number 102 – II – 2

Flat number 103 – III – 3

Flat number 104 – IV – 4

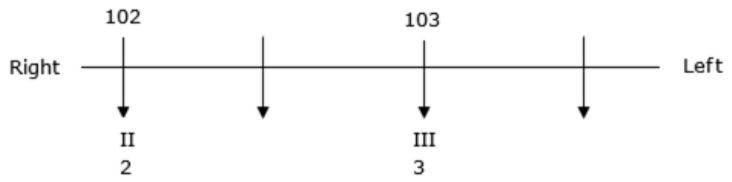
Four flats having number 101, 102, 103, and 104 on first floor of south block are arranged from left to right.

Steps:

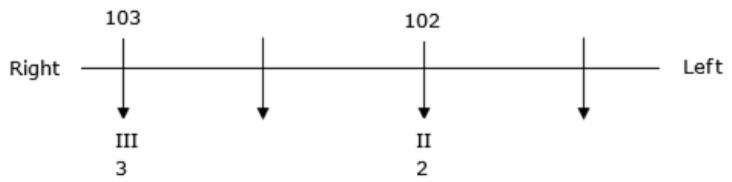
1) Flat number 102 and 103 are not adjacent.

Hence, six cases are possible.

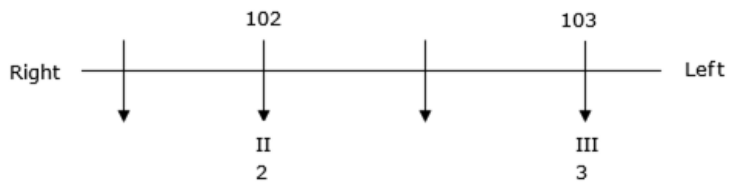
Case 1:



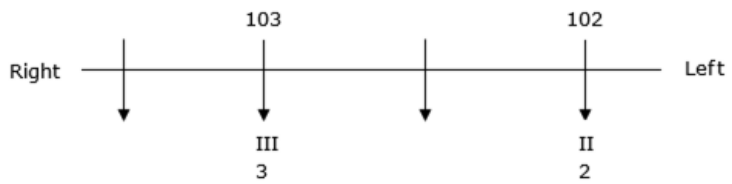
Case 2:



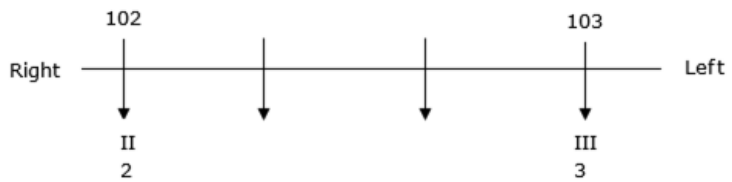
Case 3:



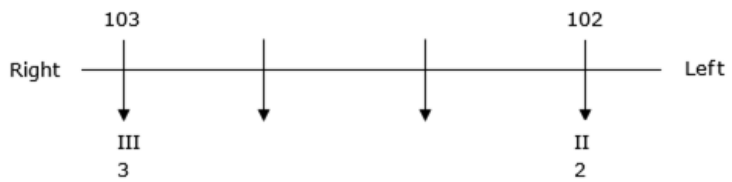
Case 4:



Case 5:



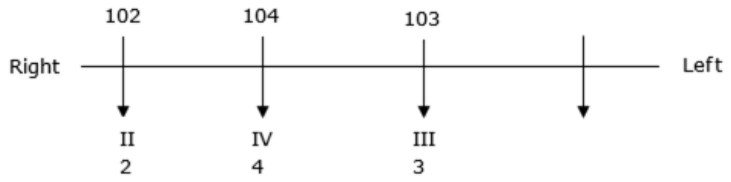
Case 6:



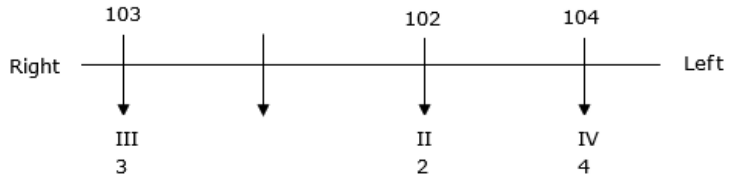
IV is adjacent to II on left.

Hence, Case 4 and 6 are eliminated.

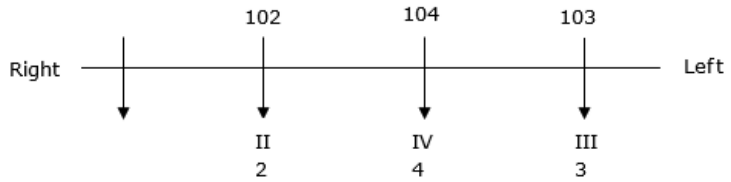
Case 1:



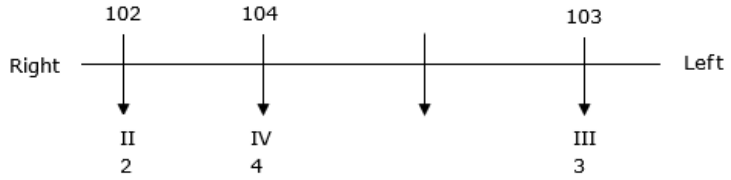
Case 2:



Case 3:



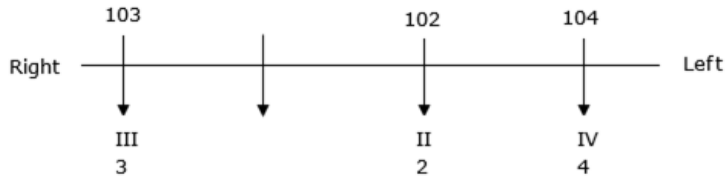
Case 4:



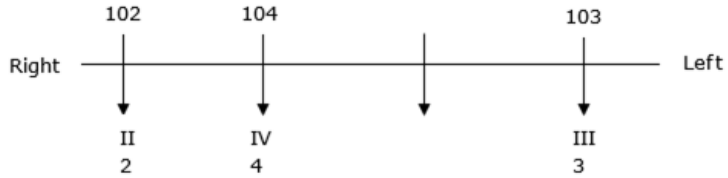
3) Flat number 103 and 104 are not adjacent.

Hence, Case 1 and Case 3 are eliminated. We get two cases as seen below.

Case 1:

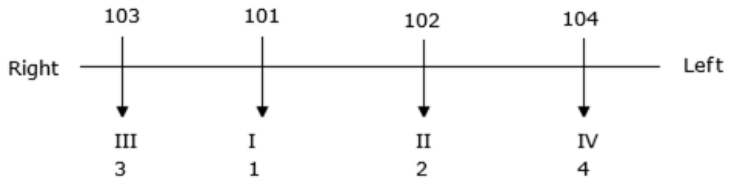


Case 2:



4) There are two flats between 3 and 4.

Hence, Case 2 is eliminated. We get the final arrangement by placing the remaining flat number 101 at the leftover position as given below.



Hence, 1,2 which stand for flat number 101 and 102 are adjacent to each other.

(73) Which of the following arrangement of flat number from right to the left is correct?

II I II IV
IV I II III
III I II IV
I II III IV
IV II I III

Solution:

Four Flats: 101, 102, 103, 104

Four Roman Numbers: I, II, III, IV

Four flats are assigned Roman Numbers in increasing order and First four Roman Numbers I, II, III, IV are synonymous to first four natural numbers 1, 2, 3, and 4 respectively.

Flat number 101 – I – 1

Flat number 102 – II – 2

Flat number 103 – III – 3

Flat number 104 – IV – 4

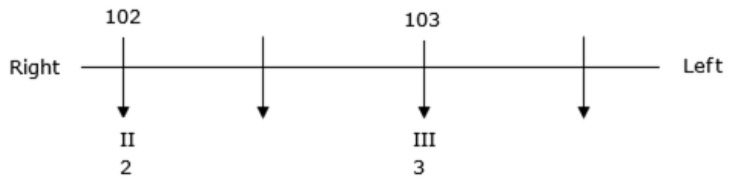
Four flats having number 101, 102, 103, and 104 on first floor of south block are arranged from left to right.

Steps:

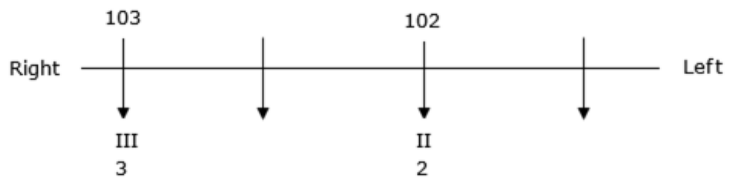
1) Flat number 102 and 103 are not adjacent.

Hence, six cases are possible.

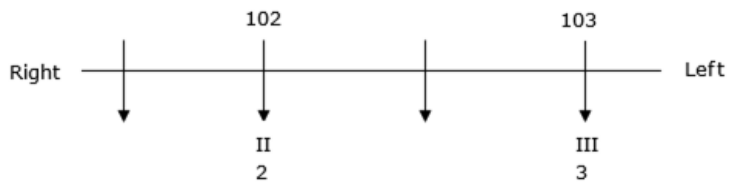
Case 1:



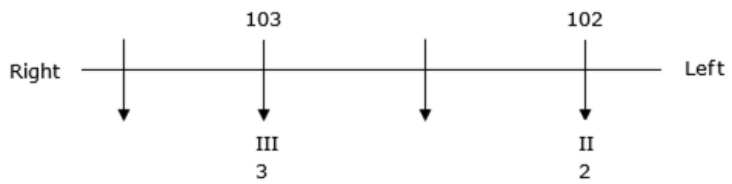
Case 2:



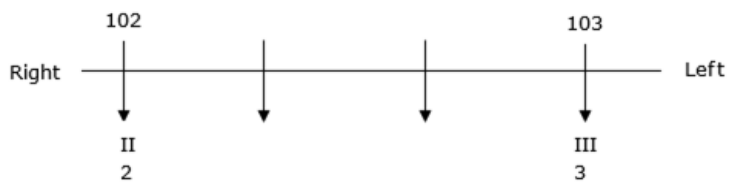
Case 3:



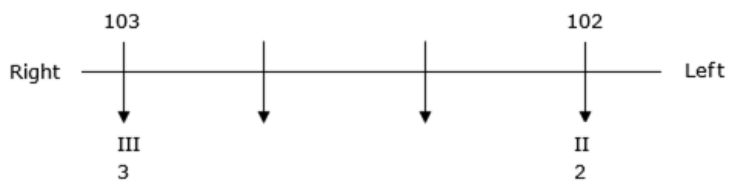
Case 4:



Case 5:



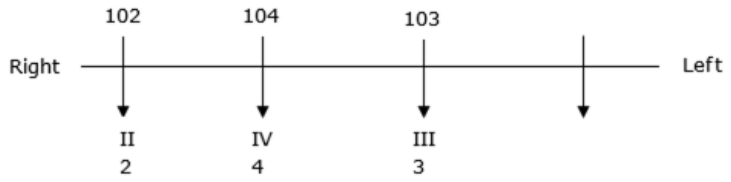
Case 6:



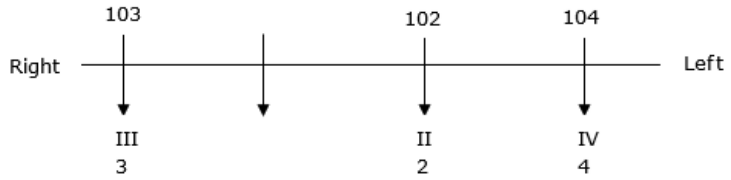
IV is adjacent to II on left.

Hence, Case 4 and 6 are eliminated.

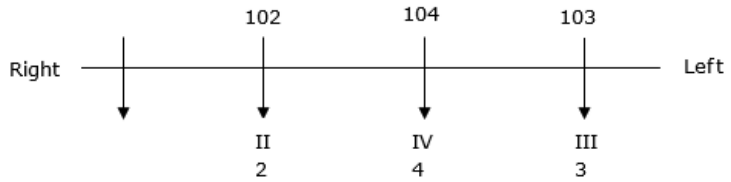
Case 1:



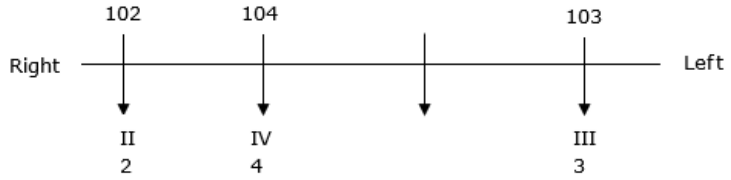
Case 2:



Case 3:



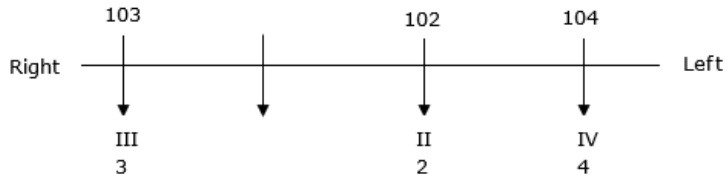
Case 4:



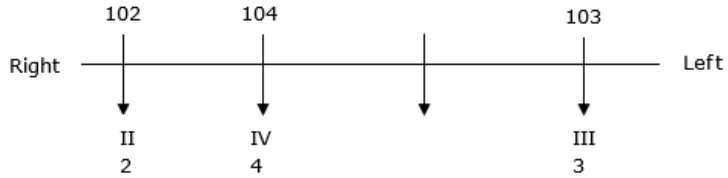
3) Flat number 103 and 104 are not adjacent.

Hence, Case 1 and Case 3 are eliminated. We get two cases as seen below.

Case 1:

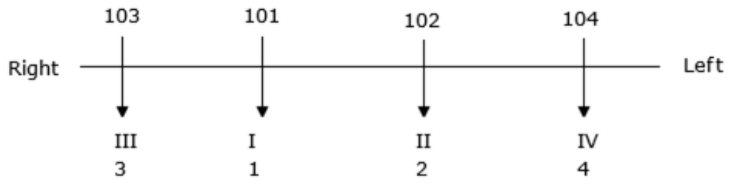


Case 2:



4) There are two flats between 3 and 4.

Hence, Case 2 is eliminated. We get the final arrangement by placing the remaining flat number 101 at the leftover position as given below.



Hence, III I II IV is the correct arrangement of flat number.

(74) Which flat is situated at extreme right?

1
2
3
4
Cannot be determined

Solution:

Four Flats: 101, 102, 103, 104

Four Roman Numbers: I, II, III, IV

Four flats are assigned Roman Numbers in increasing order and First four Roman Numbers I, II, III, IV are synonymous to first four natural numbers 1, 2, 3, and 4 respectively.

Flat number 101 – I – 1

Flat number 102 – II – 2

Flat number 103 – III – 3

Flat number 104 – IV – 4

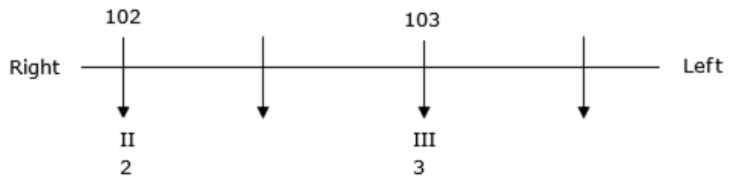
Four flats having number 101, 102, 103, and 104 on first floor of south block are arranged from left to right.

Steps:

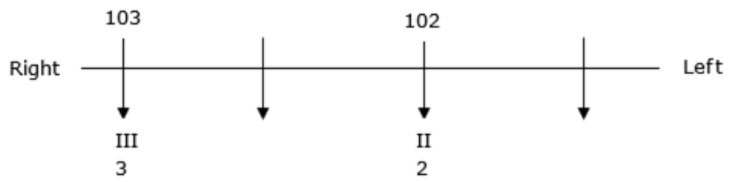
1) Flat number 102 and 103 are not adjacent.

Hence, six cases are possible.

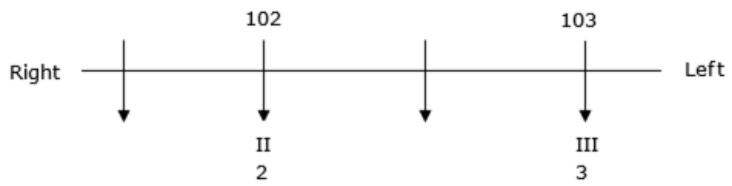
Case 1:



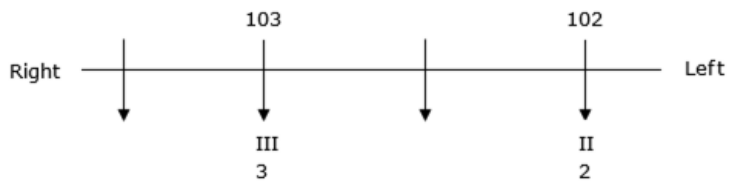
Case 2:



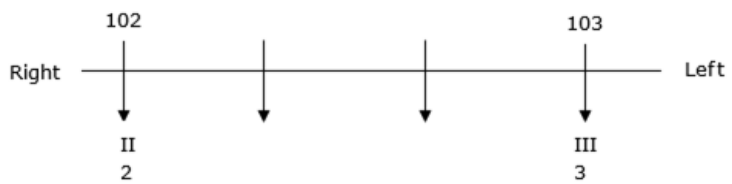
Case 3:



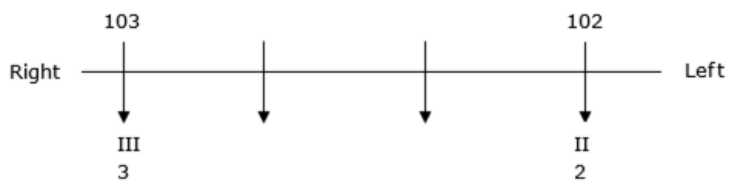
Case 4:



Case 5:



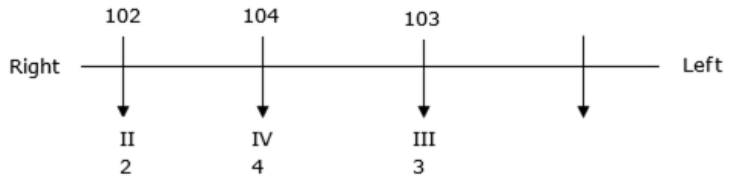
Case 6:



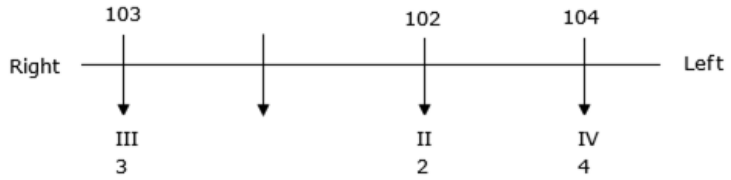
IV is adjacent to II on left.

Hence, Case 4 and 6 are eliminated.

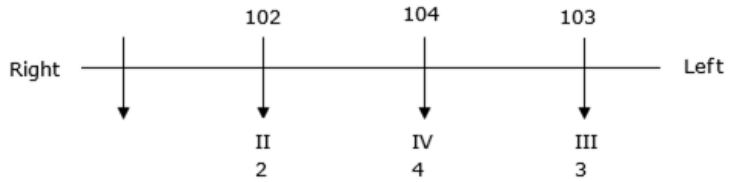
Case 1:



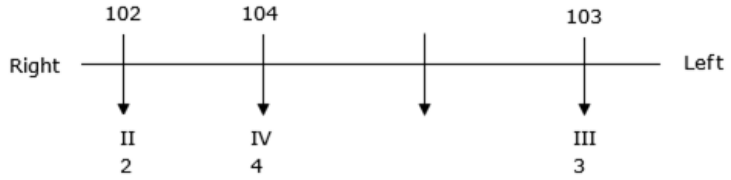
Case 2:



Case 3:



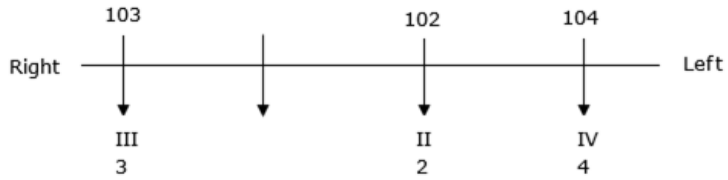
Case 4:



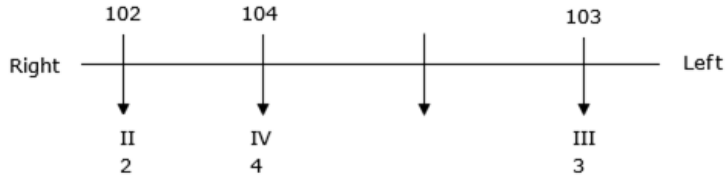
3) Flat number 103 and 104 are not adjacent.

Hence, Case 1 and Case 3 are eliminated. We get two cases as seen below.

Case 1:

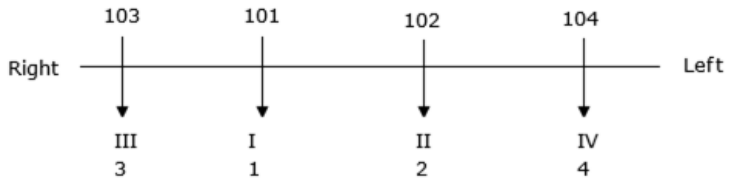


Case 2:



4) There are two flats between 3 and 4.

Hence, Case 2 is eliminated. We get the final arrangement by placing the remaining flat number 101 at the leftover position as given below.



Hence, flat number 103 or III or 3 is situated at extreme right.

(75) What is the position of flat number 102?

1st from left
2nd from left
3rd from left
4th from left
Cannot be determined

Solution:

Four Flats: 101, 102, 103, 104

Four Roman Numbers: I, II, III, IV

Four flats are assigned Roman Numbers in increasing order and First four Roman Numbers I, II, III, IV are synonymous to first four natural numbers 1, 2, 3, and 4 respectively.

Flat number 101 – I – 1

Flat number 102 – II – 2

Flat number 103 – III – 3

Flat number 104 – IV – 4

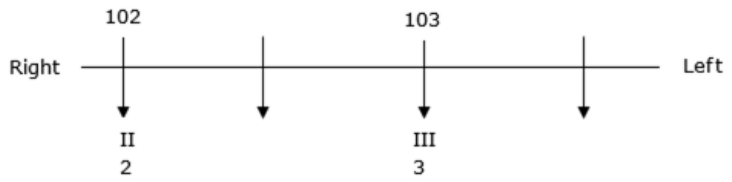
Four flats having number 101, 102, 103, and 104 on first floor of south block are arranged from left to right.

Steps:

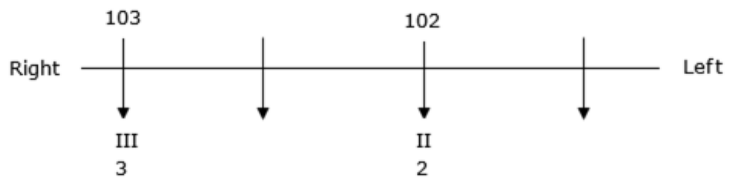
1) Flat number 102 and 103 are not adjacent.

Hence, six cases are possible.

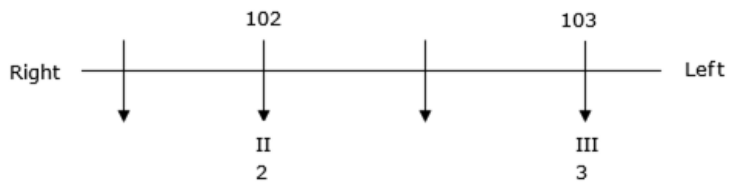
Case 1:



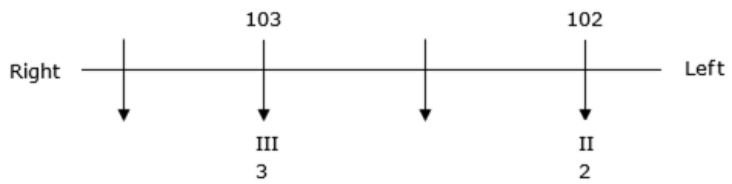
Case 2:



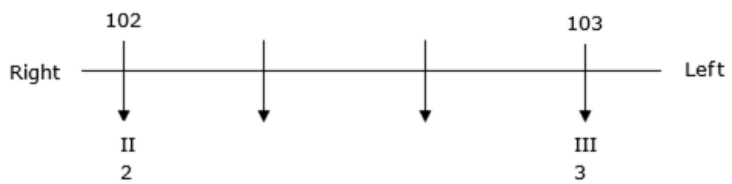
Case 3:



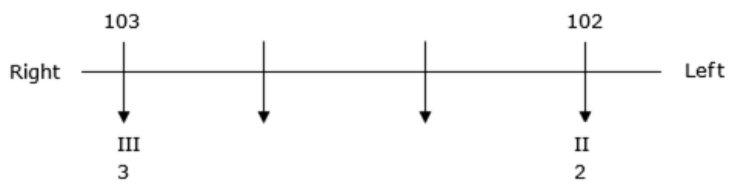
Case 4:



Case 5:



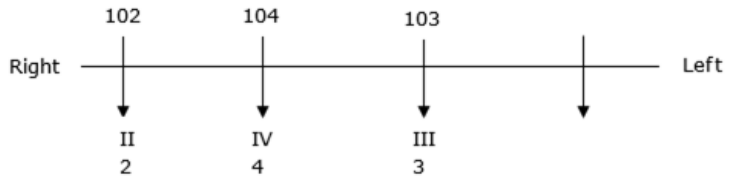
Case 6:



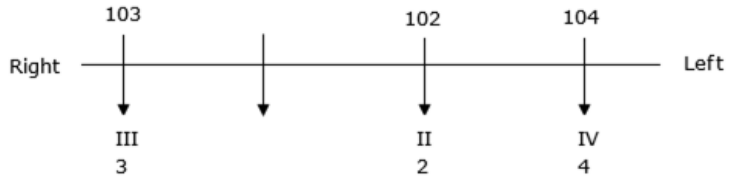
IV is adjacent to II on left.

Hence, Case 4 and 6 are eliminated.

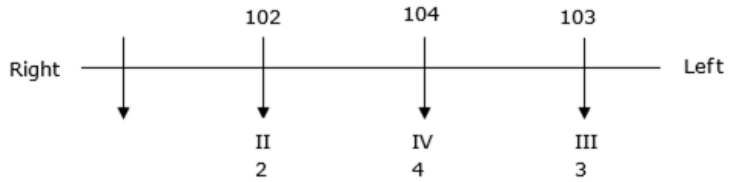
Case 1:



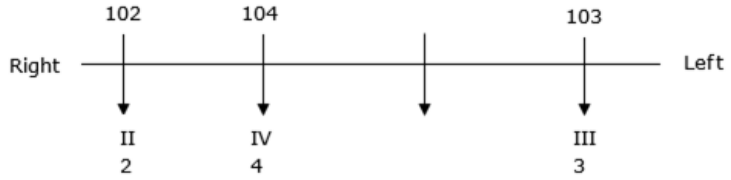
Case 2:



Case 3:



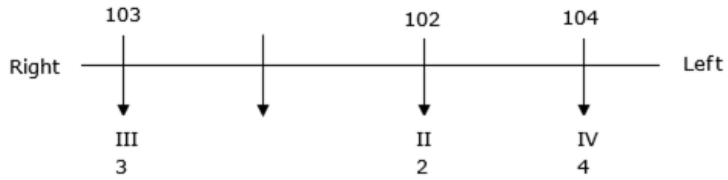
Case 4:



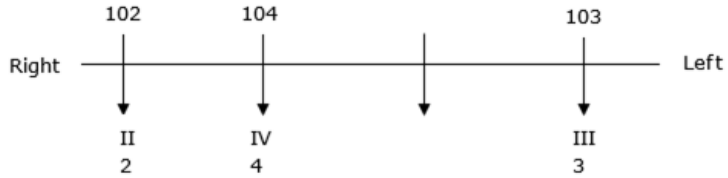
3) Flat number 103 and 104 are not adjacent.

Hence, Case 1 and Case 3 are eliminated. We get two cases as seen below.

Case 1:

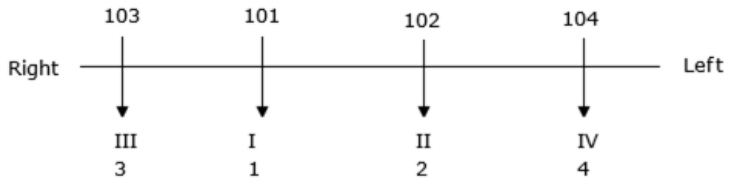


Case 2:



4) There are two flats between 3 and 4.

Hence, Case 2 is eliminated. We get the final arrangement by placing the remaining flat number 101 at the leftover position as given below.



Hence, flat number 102 is 2nd from left.

(76) How many such pairs of letters are there in the word **Buttercup** each of which has as many letters between them in the word as in the English alphabet (Both forward and backward)?

Nil
One
Two
Three
None of these

Solution:

	Letters in the word	Letters in the alphabet
Backward	B U T T **E** R **C** U P	**E** D **C**
	B U T **T** E **R** C U P	**T** S **R**
	B **U T** T E R C U P	V **U T**

There are 3 pairs.

(77-78) **Direction:** Study the following data carefully and answer the questions accordingly.

Point F is 10m to the east of D. Point K is 10m to the north of G. Point D is 24m to the south of E. Point G is 14m to the north of F. Point H is 48m to the east of G. Point I is 14m to the south of H.

(77) Point K is in which direction with respect to point E?

East
South

South-West
North-East
Cannot be determined

Solution:

1) Point D is 24m to the south of E.

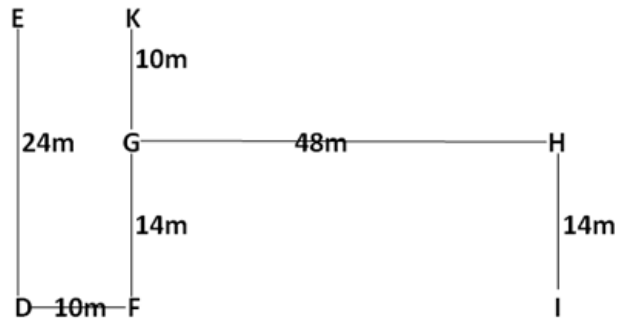
2) Point F is 10m to the east of D.

3) Point G is 14m to the north of F.

4) Point H is 48m to the east of G.

5) Point I is 14m to the south of H.

6) Point K is 10m to the north of G.



Therefore, option A is the correct answer.

(78) What is the distance between the points I and D?

49m
54m
67m
58m
Cannot be determined

Solution:

1) Point D is 24m to the south of E.

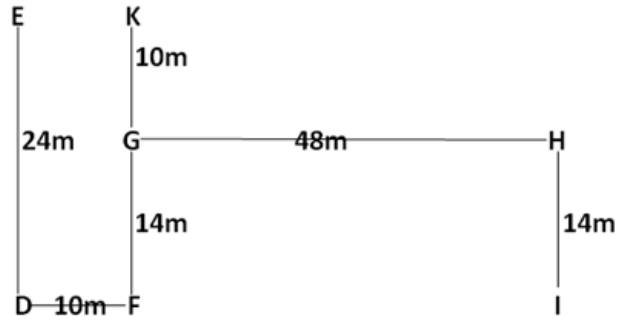
2) Point F is 10m to the east of D.

3) Point G is 14m to the north of F.

4) Point H is 48m to the east of G.

5) Point I is 14m to the south of H.

6) Point K is 10m to the north of G.



Required distance = 10 + 48 = 58m

Therefore, option D is the answer.

(79-83) **Direction:** Study the following information carefully and answer the following questions.

There are eight boxes namely A, B, C, D, E, F, G and H and are arranged vertically from top to bottom not necessarily in the same order. No two boxes are placed according to the English alphabet.

There are four boxes between A and D and one of them is placed at the bottommost position. The number of boxes between C and B is/are same as the number of boxes between C and E. The number of boxes above C is one less than the number of boxes below box C. Box A is placed immediately below the box which starts with a vowel and immediately above the box which starts with a consonant. D is placed immediately below H, which is not at the top of the stack. Box F should not be placed above E

(79) Which box is placed immediately above box E?

A
G
F
H
None of these

Solution:

Eight boxes: A, B, C, D, E, F, G and H

1) There are four boxes between A and D and one of them is placed at the bottommost position.

2) D is placed immediately below H, which is not at the top of the stack.

Case 1:

A
H
D

Case 2:

H
D
A

3) Box A is placed immediately below the box which starts with a vowel and immediately above the box which starts with a consonant.

(Hence, case 2 will be eliminated)

4) The number of boxes between C and B is/are same as the number of boxes between C and E. The number of boxes between C and B is/are same as the number of boxes between C and E.

E
A
C
B
H
D

5) Box F should not be placed above E, so it should be placed immediately below box C.

G
E
A
C
F
B
H
D

Clearly, box G is placed immediately above box E.

(80) The number of boxes above C is same as the number of boxes below____.

B
H
F
A
None of these

Solution:

Eight boxes: A, B, C, D, E, F, G and H

1) There are four boxes between A and D and one of them is placed at the bottommost position.

2) D is placed immediately below H, which is not at the top of the stack.

Case 1:

A
H
D

Case 2:

H
D
A

3) Box A is placed immediately below the box which starts with a vowel and immediately above the box which starts with a consonant.

(Hence, case 2 will be eliminated)

4) The number of boxes between C and B is/are same as the number of boxes between C and E. The number of boxes between C and B is/are same as the number of boxes between C and E.

E
A
C
B
H
D

5) Box F should not be placed above E, so it should be placed immediately below box C.

G
E
A
C
F
B
H
D

Clearly, the number of boxes above C is same as the number of boxes below F.

(81) Box C is placed immediately above box _____.

A
F
H

E

None of these

Solution:

Eight boxes: A, B, C, D, E, F, G and H

1) There are four boxes between A and D and one of them is placed at the bottommost position.

2) D is placed immediately below H, which is not at the top of the stack.

Case 1:

A
H
D

Case 2:

H
D
A

3) Box A is placed immediately below the box which starts with a vowel and immediately above the box which starts with a consonant.

(Hence, case 2 will be eliminated)

4) The number of boxes between C and B is/are same as the number of boxes between C and E. The number of boxes between C and B is/are same as the number of boxes between C and E.

E
A
C
B
H
D

5) Box F should not be placed above E, so it should be placed immediately below box C.

G
E
A
C
F
B
H
D

Clearly, box C is placed immediately above box F.

(82) Which box is placed immediately above the box which is third from the bottom?

F
A
H
D
None of these

Solution:

Eight boxes: A, B, C, D, E, F, G and H

1) There are four boxes between A and D and one of them is placed at the bottommost position.

2) D is placed immediately below H, which is not at the top of the stack.

Case 1:

A
H
D

Case 2:

H
D
A

3) Box A is placed immediately below the box which starts with a vowel and immediately above the box which starts with a consonant.

(Hence, case 2 will be eliminated)

4) The number of boxes between C and B is/are same as the number of boxes between C and E. The number of boxes between C and B is/are same as the number of boxes between C and E.

E
A
C
B
H
D

5) Box F should not be placed above E, so it should be placed immediately below box C.

G
E
A
C
F
B
H
D

Clearly, box F is placed immediately above the box which is third from the bottom.

(83) How many boxes is/are placed below box D?

2
4
1
None
3

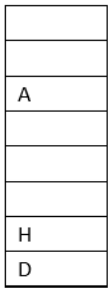
Solution:

Eight boxes: A, B, C, D, E, F, G and H

1) There are four boxes between A and D and one of them is placed at the bottommost position.

2) D is placed immediately below H, which is not at the top of the stack.

Case 1:



Case 2:

3) Box A is placed immediately below the box which starts with a vowel and immediately above the box which starts with a consonant.

(Hence, case 2 will be eliminated)

4) The number of boxes between C and B is/are same as the number of boxes between C and E. The number of boxes between C and B is/are same as the number of boxes between C and E.

E
A
C
B
H
D

5) Box F should not be placed above E, so it should be placed immediately below box C.

G
E
A
C
F
B
H
D

Clearly, no boxes is/are placed below box D.

(84-88) **Direction:** Study the following letter-number-symbol sequence and answer the questions following it.

S F E L 6 C O 3 N K I P 1 8 A B W 2 X 4 J 5 G Z 9 Q 7 V H

(84) How many such digits are there in the above arrangement, each of which is immediately preceded by a consonant and immediately followed by a vowel?

Four
Three
Five
Two
None of these

Solution:

S F E L 6 C O 3 N K I P 1 8 A B W 2 X 4 J 5 G Z 9 Q 7 V H

Clearly, there is no such digits.

(85) How many such consonants are there in the above arrangement, each of which is immediately preceded by a digit and immediately followed by a consonant?

None
Two
Three
Four
None of these

Solution:

S F E L 6 C O 3 **N** K I P 1 8 A B W 2 X 4 J 5 **G** Z 9 Q 7 **V** H

Clearly, there are 3 such consonants.

(86) Which of the following is sixth to the right of nineteenth from the right end of the above arrangement?

6
B
W
2
None of these

Solution:

S F E L 6 C O 3 N K I P 1 8 A B W 2 X 4 J 5 G Z 9 Q 7 V H

19th element from the right end = I

6th element to the right of I = W

(87) Four of the following five are alike in a certain way and form a group. Which is the one that does not belong to that group?

I1K
B2A
JX5

Z59
C3L

Solution:

S F E L 6 C O 3 N K I P 1 8 A B W 2 X 4 J 5 G Z 9 Q 7 V H

Clearly, C3L does not belong to the group.

(88) Which of the following is eighth to the left of seventeenth from the left end of the given arrangement?

9
K
N
6
None of these

Solution:

S F E L 6 C O 3 N K I P 1 8 A B W 2 X 4 J 5 G Z 9 Q 7 V H

17th element from the left = W

8th element to the left of W = N

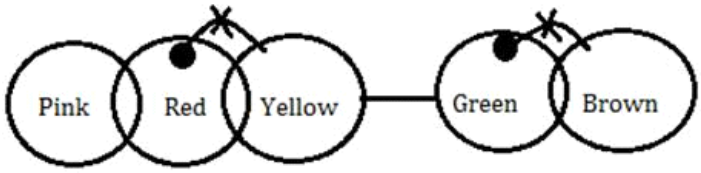
(89) **Direction:** In each of the questions below are given four statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Statements:
Some pink are red.
Only a few red is yellow.
No yellow is green.
Only a few green is brown.
Conclusions:
I. Only a few red can be green.
II. Some pink is brown is not even a possibility.

If conclusion I follows
If conclusion II follows
Either conclusion I or conclusion II follows
Neither conclusion I nor conclusion II follows
Both the conclusions follow

Solution:

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Only a few red can be green - It means some red is green and some red is not green. Here some red is not green is true and some red is green is possible. So, it's true.

II. Some pink is brown is not even a possibility - There is no direct relation between pink and brown. So some pink can be brown. So, it's not true.

Therefore, only I follows.

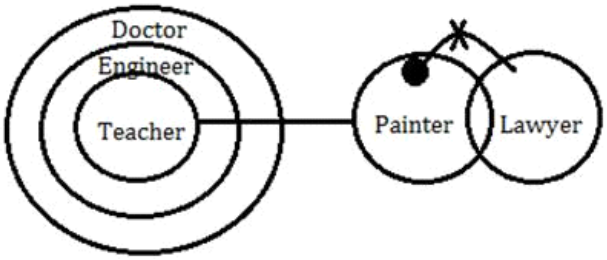
(90) **Direction:** In each of the questions below are given four statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Statements:
All teachers are engineers.
All engineers are doctors.
No teacher is painter.
Only a few painters are lawyers.
Conclusions:
I. Some doctors are painters.
II. Some engineers can be lawyers.
If conclusion I follows

If conclusion II follows
Either conclusion I or conclusion II follows
Neither conclusion I nor conclusion II follows
Both the conclusions follow

Solution:

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Some doctors are painters - It's not sure, hence doubtful.

II. Some engineers can be lawyers - There is no direct link between engineer and lawyer. So, the possibility will be true.

Therefore, only II follows.

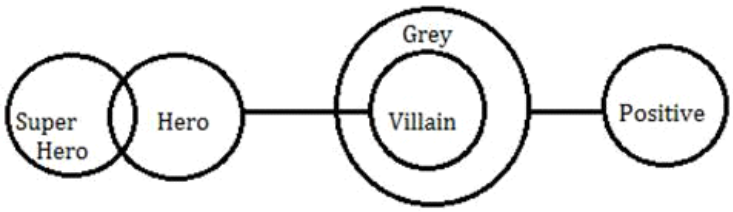
(91) **Direction:** In each of the questions below are given four statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Statements:
No hero is villain.
Only grey is villain.
Some superheroes are heroes.
No grey is positive.
Conclusions:
I. Only a few heroes are positive is a possibility.
II. Some superheroes who are not heroes are definitely not villain.
If conclusion I follows
If conclusion II follows

Either conclusion I or conclusion II follows
Neither conclusion I nor conclusion II follows
Both the conclusions follow

Solution:

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Only a few heroes are positive is a possibility - There is no direct relation between hero and positive. So, the possibility will be true.

II. Some superheroes who are not heroes are definitely not villain - Only grey is villain means all villains are grey. There is no direct relation between superheroes and Villain, so it can be a possibility. So, it's false.

Therefore, Only I follow.

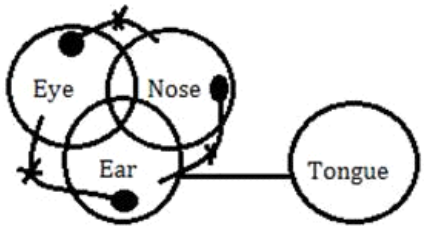
(92) **Direction:** In each of the questions below are given four statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Statements:
Only a few eyes are nose.
Only a few noses are ears.
No ears are tongue.
Only a few ears are eyes.
Conclusions:
I. Only a few tongues are not ears.
II. All eyes can be nose.
If conclusion I follows
If conclusion II follows

Either conclusion I or conclusion II follows
Neither conclusion I nor conclusion II follows
Both the conclusions follow

Solution:

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Only a few tongues are not ears - It means some tongues are ears and some tongues are not ears which is not true.

II. All eyes can be nose - Only a few eyes are nose means some eyes are nose and some eyes are not nose. So, it's not true.

Therefore, neither I nor II follows.

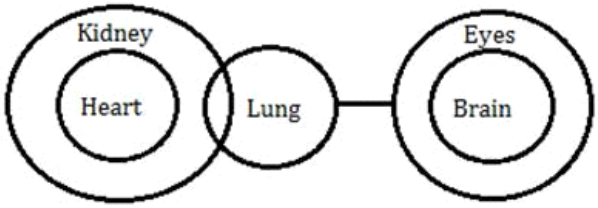
(93) **Direction:** In each of the questions below are given four statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Statements:
Only kidney is heart.
Some kidney is lung.
No lung is eyes.
Only eyes are brain.
Conclusions:
I. Some heart can be brain.
II. All eyes being kidney is not a possibility.
If conclusion I follows
If conclusion II follows
Either conclusion I or conclusion II follows

Neither conclusion I nor conclusion II follows
Both the conclusions follow

Solution:

The least possible Venn diagram for the given statements is as follows:



Conclusions:

I. Some heart can be brain - There is no direct relation between heart and brain, so it maybe possible. Hence, true.

II. All eyes being kidney is not a possibility - There is no direct relation between eyes and kidney, so it maybe possible. Hence, false.

Therefore, only I follows.

(94-95) **Direction:** Read the following information carefully to answer the questions based on it.

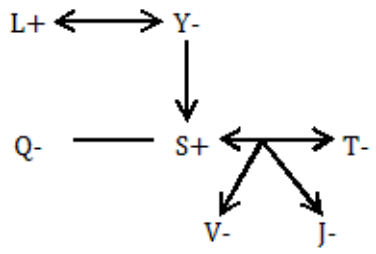
There are seven members in the family of three generations. L is the husband of Y. Q is the paternal aunt of J who is not the nephew of Q. T has only two daughters. S is the son of Y. V is the daughter of S.

(94) Who among the following is the wife of S?

Q
T
J
V
Y

Solution:

The family tree is shown in the figure:



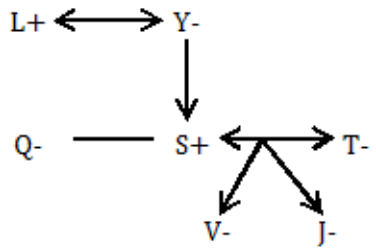
Clearly, T is the wife of S.

(95) How is T related to Q?

Brother
Sister
Mother
Sister-in-law
Daughter

Solution:

The family tree is shown in the figure:



Clearly, T is the sister-in-law of Q.

(96-100) **Direction:** Study the following information carefully and answer the asked questions carefully.

7 managers namely J, K, L, M, N, O and P are from different companies and they celebrate their target achieving party from Monday to Sunday in different restaurants i.e. Mc Donald, Burger King, Pizza Hut, KFC, Delhi Heights, Chillis and Khan Chacha but not necessarily in the same order. Saturday's party was not in Chillis or Mc Donald. The party in Burger King was celebrated before the party in Pizza Hut. N celebrated a party on Friday. K celebrated in Pizza Hut. There is only one party celebrated between J's party and L's party. One party is celebrated

between the party in KFC and Delhi Heights. More than one party is celebrated between the parties in Chillis and Khan Chacha. N celebrated in KFC. M celebrated in Mc Donald. P celebrated on Sunday. K celebrated on Tuesday.

(96) How many parties are attended between P's party and K's party?

Three
One
Four
Two
None

Solution:

1) K celebrated on Tuesday.

2) K celebrated in Pizza Hut.

3) N celebrated party on Friday.

4) N celebrated in KFC.

5) P celebrated on Sunday.

6) One party is celebrated between the party in KFC and Delhi Heights.

(There will be two possible cases)

Case I

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

7) The party in Burger King was celebrated before the party in Pizza Hut.

Case I

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

8) More than one party is celebrated between the parties in Chillis and Khan Chacha.

9) Saturday's party was not in Chillis or Mc Donald.

(Hence, case II gets eliminated)

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Chillis
Thursday		
Friday	N	KFC
Saturday		Khan Chacha
Sunday	P	Delhi Heights

10) There is only one party celebrated between J's party and L's party.

11) M celebrated in Mc Donald.

Days	Person	Restaurant
Monday	J/L	Burger King
Tuesday	K	Pizza Hut
Wednesday	J/L	Chillis
Thursday	M	Mc Donald
Friday	N	KFC
Saturday	O	Khan Chacha
Sunday	P	Delhi Heights

(97) Who celebrated party in KFC?

L
J
O
N
Can't be determined

Solution:

1) K celebrated on Tuesday.

2) K celebrated in Pizza Hut.

3) N celebrated party on Friday.

4) N celebrated in KFC.

5) P celebrated on Sunday.

6) One party is celebrated between the party in KFC and Delhi Heights.

(There will be two possible cases)

Case I

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

7) The party in Burger King was celebrated before the party in Pizza Hut.

Case I

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

8) More than one party is celebrated between the parties in Chillis and Khan Chacha.

9) Saturday's party was not in Chillis or Mc Donald.

(Hence, case II gets eliminated)

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Chillis
Thursday		
Friday	N	KFC
Saturday		Khan Chacha
Sunday	P	Delhi Heights

10) There is only one party celebrated between J's party and L's party.

11) M celebrated in Mc Donald.

Days	Person	Restaurant
Monday	J/L	Burger King
Tuesday	K	Pizza Hut
Wednesday	J/L	Chillis
Thursday	M	Mc Donald
Friday	N	KFC
Saturday	O	Khan Chacha
Sunday	P	Delhi Heights

(98) P is related to KFC, N is related to Chillis. In the same way, L is related to?

Khan Chacha
Chillis
Mc Donald
Burger King
Can't be detremined

Solution:

1) K celebrated on Tuesday.

2) K celebrated in Pizza Hut.

3) N celebrated party on Friday.

4) N celebrated in KFC.

5) P celebrated on Sunday.

6) One party is celebrated between the party in KFC and Delhi Heights.

(There will be two possible cases)

Case I

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

7) The party in Burger King was celebrated before the party in Pizza Hut.

Case I

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

8) More than one party is celebrated between the parties in Chillis and Khan Chacha.

9) Saturday's party was not in Chillis or Mc Donald.

(Hence, case II gets eliminated)

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Chillis
Thursday		
Friday	N	KFC
Saturday		Khan Chacha
Sunday	P	Delhi Heights

10) There is only one party celebrated between J's party and L's party.

11) M celebrated in Mc Donald.

Days	Person	Restaurant
Monday	J/L	Burger King
Tuesday	K	Pizza Hut
Wednesday	J/L	Chillis
Thursday	M	Mc Donald
Friday	N	KFC
Saturday	O	Khan Chacha
Sunday	P	Delhi Heights

(99) Find the correct statement.

I. P celebrated party on Sunday in Khan Chacha.

II. N celebrated party in Mc Donald.

III. O celebrated party on Saturday in Khan Chacha.

Both II and III
Only II
Both I and III
Only III
None of these

Solution:

1) K celebrated on Tuesday.

2) K celebrated in Pizza Hut.

3) N celebrated party on Friday.

4) N celebrated in KFC.

5) P celebrated on Sunday.

6) One party is celebrated between the party in KFC and Delhi Heights.

(There will be two possible cases)

Case I

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

7) The party in Burger King was celebrated before the party in Pizza Hut.

Case I

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

8) More than one party is celebrated between the parties in Chillis and Khan Chacha.

9) Saturday's party was not in Chillis or Mc Donald.

(Hence, case II gets eliminated)

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Chillis
Thursday		
Friday	N	KFC
Saturday		Khan Chacha
Sunday	P	Delhi Heights

10) There is only one party celebrated between J's party and L's party.

11) M celebrated in Mc Donald.

Days	Person	Restaurant
Monday	J/L	Burger King
Tuesday	K	Pizza Hut
Wednesday	J/L	Chillis
Thursday	M	Mc Donald
Friday	N	KFC
Saturday	O	Khan Chacha
Sunday	P	Delhi Heights

(100) Find the odd one out.

K – Pizza Hut
N - Friday
M – Thursday
P – Delhi Heights
L - Monday

Solution:

1) K celebrated on Tuesday.

2) K celebrated in Pizza Hut.

3) N celebrated party on Friday.

4) N celebrated in KFC.

5) P celebrated on Sunday.

6) One party is celebrated between the party in KFC and Delhi Heights.

(There will be two possible cases)

Case I

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

7) The party in Burger King was celebrated before the party in Pizza Hut.

Case I

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	Delhi Heights

Case II

Days	Person	Restaurant
Monday		Burger King
Tuesday	K	Pizza Hut
Wednesday		Delhi Heights
Thursday		
Friday	N	KFC
Saturday		
Sunday	P	

8) More than one party is celebrated between the parties in Chillis and Khan Chacha.

9) Saturday's party was not in Chillis or Mc Donald.

(Hence, case II gets eliminated)

Days	Person	Restaurant
Monday		Burger King
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Friday	N	KFC
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Sunday	P	Delhi Heights

10) There is only one party celebrated between J's party and L's party.

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Days	Person	Restaurant
Monday	J/L	Burger King
Tuesday	K	Pizza Hut
Wednesday	J/L	Chillis
Thursday	M	Mc Donald
Friday	N	KFC
Saturday	O	Khan Chacha
Sunday	P	Delhi Heights