Key-Paper-1

Question 1

Mark the sentence that is grammatically correct.

1)

A plane is flown up above my building.

3)

A plane is flying up my building. Answer: 2

2)

A plane is flying above my building

4)

A plane is flying on my building.

Question 2

Fill in the blank with the most suitable option.

We're building a bigger battery to store the energy we .

1)

theory

3)

generate Answer: 3

2)

range

4)

appeal

Question 3

Fill in the blank with the most suitable option :

He training on how to deal with angry customers.

1)

Undergo

3)

have undergoing Answer: 4

2)

had undergoing

4)

was undergoing

Question 4

Fill in the blank with the most suitable option:

Satluj is such a big river.

1) 2)

an a

3) 4)

the or

Answer: 3

Question 5

Choose the word from the passage that is **closest in meaning to word** “ Persistence”.

1)

Potential

3)

Perseverance Answer: 3

2)

Desire

4)

Demand

Question 6

Q. Choose the word that is closed in meaning to the Bold word given below :

# GRUESOME

1)

garbage

3)

normal Answer: 2

2)

ghastly

4)

Stinky

Question 7

The sentences given below form a coherent passage when arranged logically. Choose the option which gives the correct sequences.

1. and yet, people do that every day.
2. Therefore, our relationship with it is not something we should neglect, and yet people do that every day.
3. Food has the power to influence our entire life.
4. It can fuel happiness and most importantly, our health.

1)

1234

3)

3124

Answer: 4

2)

2134

4)

3421

Question 8 1) 2)

The sentences given below form a coherent passage when arranged logically. Choose the option which gives the correct sequence.

2341 3421

1. More often than not, the way society suggests you manage feeling is by distracting yourself or numbing them.
2. Even though we often associate the voice of the ego with mental chatter and thoughts, focusing on feeling may be more helpful.
3. That's because they're often the blind spot in your perception.
4. Only few people are taught to handle them in a healthy way.

3)

3124

Answer: 1

4)

1234

Question 9

Choose the best replacement for the underlined part of the sentence.

A boy from the Institute met him with a buggy and as they rode past the Cotton-out farms and propped-up cabins.

1)

cotton-out

3)

cottons-out Answer: 4

2)

cottoning-out

4)

cottoned-out

Question 10

Mark the sentence that is grammatically correct.

1)

Who will work with you on develop a strategy?

3)

Who will work with you for develop a strategy?

Answer: 4

2)

Who will work with you on developed a strategy?

4)

Who will work with you on developing a strategy?

Question 11

Q. Choose the correct sentence of the given words/phrases so that it forms a logical sentence.

1.learn, see and do, 2.there is no need 3.to fear boredom 4.with so much to

1)

4312

3)

1432

Answer: 4

2)

4321

4)

4123

Question 12

Fill in the blank with the most suitable option:

There is no ecological catastrophe that around the corner, that can be punishing us.

1)

was looming

3)

have been looming Answer: 2

2)

has been looming

4)

loom

Question 13

Choose the word that is **opposite in meaning** to the Highlighted word given below:

DAINTY

1)

superior

3)

divine Answer: 4

2)

conformity

4)

clumsy

Question 14

Fill in the blank with the most suitable option.

Following that he was up at five the next morning getting ready for work.

1)

respect

3)

resolution

2)

respond

4)

civilization

Answer: 3

Question 15

Which part of the sentence given below has an error in it?

He'd thought compiling a Hindi/ thesaurus would just mean / following Roget's method of synonyms and antonyms.

1)

listed synonyms and antonyms

3)

he'd thought compiling a Hindi Answer: 3

2)

following Roget's method of

4)

thesaurus would just mean

Question 16

Choose the correct sequence of the given words/phrases so that it forms a logical sentence.

1. learn, see and do,
2. there is no need
3. to fear boredom
4. with so much to

1)

1432

3)

4123

Answer: 3

2)

4312

4)

1321

Question 17

Choose the best replacement for the underlined part of the sentence.

I to discover this when I took a sledge-dog team through the Russian Arctic and asked the locals.

1)

discovers

3)

discovery Answer: 4

2)

discovering

4)

discovered

Question 18

The statements given below are followed by two conclusions. Assume the statements are true, even if they contradict commonly known facts, and determined the conclusion/s that follow/s from the statements logically.

Statements:

1: Some cottons are bandages. 2: All bandages are injections.

3: Some injections are medicines. Conclusions:

1: Some cottons are medicines. 2: Some cottons are injections. 3: Some injections are bandages. 4: No medicine is a cotton.

1)

Either only Conclusion 1 or 4, 2

and 3 follows

3)

Either only Conclusion 1 or 2, 3

and 4 follows

Answer: 4

2)

All of the Conclusions follow

4)

Only Conclusion 2 and 3 follows

Question 19

If in certain code language, “TOWEL” is coded as “VSYIN”, then how woould “CLOWN” be coded in the same code language?

|  |  |  |
| --- | --- | --- |
|  | 3) EPRAP | 4) EPQAQ |
| Answer: 1 |  |
| Question 20 | 1) | 2) |
| What will be the next number in the series 13, 17, 19, 23, 29… ? | 31 | 33 |
|  | 3) | 4) |
|  | 35 | 37 |

1) EPQAP

2) EPQBP

Answer: 1

Question 21

The **Problem Figure** given-below has the properties of a Latin Square. Each blank cell in the **Problem Figure** will contain an item based

on the following properties of the Latin Square:

1.A row or column never contains the same item twice. 2.Same items are there in every row.

3.Same items are there in every column.

from the items given the **Response Figures**, choose the one that should come in place of “**?**” in the **Problem Figure**.

Problem Figure :

|  |
| --- |
| O G |
| U |
| O ? |
| L |

Response figures:

|  |  |  |  |
| --- | --- | --- | --- |
| **(A)** | **(B)** | **(C)** | **(D)** |
| **G** | **O** | **L** | **U** |

Question 22

choose a number that is similar to the number given in the set: (439, 725, 912)

1) D

3) B

Answer: 1

1)

815

3)

327

Answer: 4

2) C

4) A

2)

717

4)

219

Question 23

The statements given below are followed by four conclusions. Assume the statements are true even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

Statements:

1: Some circles are rings

2: Some rings are audio tones. 3.Some audio tones are music

Conclusions:

1: Some music are circles

2: Some rings are music.

3: Some audio tones are circles

4: All circles are music.

1)

Only Conclusion 1 and 2 follows

3)

None of the Conclusions follow Answer: 3

2)

Only Conclusion 2 and 4 follows

4)

Only Conclusion 1, 2 and 3 follows

Question 24

Find the odd one out

1)

Apple

3)

Orange Answer: 3

2)

Papaya

4)

Litchi

Question 25

Mark the option containing the statement followed by two assumptions are implicit or not:

Statement: Sam was determined to get rid of his selfish nature which had brought him and family to near ruin over the years.

Assumptions:

1. People may have taken revenge on Sam because of his selfish deeds.
2. People may be returning Sam's favours in equal magnitude.

1)

Both Assumption 1 and 2 are not implicit

3)

Only Assumption 1 is implicit Answer: 3

2)

Both Assumption 1 and 2 are implicit

4)

Only Assumption 2 is implicit

Question 26

From the items given in the **Response Figure**, choose the one that should coe in place of “**?**” in the **Problem Figure**.

Problem figure:

|  |
| --- |
| 7 4 |
| 19 |
| 9 |
| ? 7 |

Response figures:

|  |  |  |  |
| --- | --- | --- | --- |
| **(A)** | **(B)** | **(C)** | **(D)** |
| **9** | **7** | **19** | **4** |

Question 27

What should come in place of the question mark “?” in the following number series?

3, 7, ?. 27, -37, 63

1) A

3) C

Answer: 4

1)

12

3)

-9

Answer: 3

2) B

4) D

2)

-18

4)

-12

Question 28

Read the information given below and answer the questions that follow

Five friends, Alex, Ben, Charlie, Dan, and Ellie, work in different departments at a company. Each person has a different job title named creator, developer, programmer, designer, and analyst, not necessarily in the same order. They report to a different manager named Sarah, Jane, Mike, Amelia, and Sam, and have a different number of years of experience

at the company from 1 to 5 years.

1)

Dan-Programmer - Sam

3)

Ben-Programmer - Amelia Answer: 4

2)

Alex-Designer - Sam

4)

Charlie-Analyst - Sarah

-Ben has been at the company for 3 years. He reports to Amelia, and is not a programmer.

-The designer reports to Mike and has been at the company for 4 years.

-The programmer has been at the company for 2 years and reports to Jane.

-Charlie has been at the company for 1 year and reports to Sarah.

-Alex is a creator and has been at the company for 5 years.

-Dan is a programmer

-The developer has been at the company for 3 years. Question:

Which of the following combinations of Person - Job Title - Manager is correct ?

Question 29

If in a certain coded language, “BLANK” is a coded as 13111326213151012. Then how would

‘FIVE’ be coded in the same coded language?

1)

57812012345

3)

57810212345

Answer: 3

2)

57810212346

4)

67810212346

Question 30

Choose the option that best develops or supports the argument given below

Argument: The Earth receives the sunlight when the radiation of the Sun escapes from the Photosphere. There two layers outside the Photosphere are the Chromosphere and the Corona. The Corona can be seen on a dull day with overcast sky or during eclipses.

1)

Corona is the inner layer of the Photosphere.

3)

Chromosphere can be seen during eclipses.

Answer: 4

2)

Carona can be seen only on bright days and eclipses

4)

Sunlight can be received only when radiation escapes Photosphere.

Question 31

Complete the comparison : XL6 : AO36 : : BS5 : ?

1) DV25

3) ET36

Answer: 4

2) DT36

4) EV25

Question 32

Find the missing term:

120, ?, 360, 900, 2700, 94450

1)

190

3)

175

Answer: 2

2)

180

4)

200

Question 33

# Read the information given below and answer the question that follow:

Three friends-Alex, Ben, and Carl-each own a different type of pet, have a different favourite colour and live in a different city.

Use the clues below to determine which friend owns which pet, what their favourite colour is, where they live.

1)

Bird - Red

3)

Dog - Blue Answer: 3

2)

Cat - Blue

4)

Cat - Green

-The person who owns a cat lives in Los Angeles.

-Alex's favourite colour is blue and he likes a dog.

-The person who owns a dog lives in New York

-Carl does not live in San Francisco.

-The person who owns a bird lives in San Francisco.

-The person who lives in San Francisco does not own a dog.

-The person who lives in New York does not own a bird.

-The person who owns a bird, likes green colour.

# Q.which of following combination of pet - colour is correct ?

Question 34

Read the information given below and answer the questions that follow:

Seven batteries- A, B, C, D, E, F & G have different power outputs Le.

0.2V, 0.5 V, 0.8 V, 1.0 V, 1.5 V, 2.0 V

-C&D batteries have voltage output higher than 1.0 V.

-Battery B provides lowest voltage supply.

-E, B & G have voltage supply lesser than 1.0 V.

-F & D are batteries that provide highest voltage supply.

-Battery G provides lesser output when compared to battery E. Which two batteries have the highest voltage output?

1)

2.0V

3)

1.5V

Answer: 1

2)

0.8V

4)

0.2V

Question 35

The statement given below are followed by 4 conclusions as in the statement are true even if they contradict commonly known facts and determined conclusion/s that follow/s from the statements logically.

Statement:

Statement 1 : All bags are suitcases. Statement 2: All purses are suitcases. Statement 3: Some suitcases are beds. Conclusion:

conclusion 1: some beds are purses. conclusion 2: some bags are beds. conclusion 3: some suitcases are purses.

1)

only conclusion 3 follows

3)

none of the Conclusion follow Answer: 1

2)

only conclusion to follows

4)

only condition one follow

Question 36

The statement given below are followed by four conclusions as in the statement are true even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statement logically.

Statement:

1)

only conclusion 1 and 3 follows

3)

none of the Conclusion follows.

2)

only conclusion 1,2 and 3 follows .

4)

only conclusion 1,3 and 4 follows.

1. no bats are balls.
2. some balls are hard.
3. All hard are stones. Conclusions:
4. Some balls are not balls.
5. some bats are not hard. 3.Some stones are balls 4.Some stones are not bats.

Answer: 4

Question 37

The statement given below are followed by 4 conclusions as in the statement are true even if they contradict commonly known facts and determined conclusion/s that follow/s from the statements logically.

# Statement

Statement 1: Some chairs are sofas. Statement 2: All sofas are beds.

Statement 3: All couch are beds. Conclusions:

Conclusion 1: Some couch are sofas. Conclusion 2: Some beds are sofas. Conclusion 3: Some beds are chairs.

1)

Only Conclusion 1 follows

3)

All of the Conclusions follow Answer: 2

2)

Only Conclusion 2 and 3 follows

4)

Only conclusion 2 follows

Question 38

Statement 1: No jacket is woollen. Statement 2: All woollen are sweaters. conclusions :

conclusions 1: All jackets are sweaters. conclusions 2: No jackets is a sweater. conclusion 3: some sweaters are woollen. conclusion 4: all sweater are woollen.

1)

Only conclusion 1 follows.

3)

Conclusion 3 and 4 follows

Answer: 2

2)

Only conclusion 3 follows.

4)

only conclusion 2 follows.

Question 39

Read the information given below and answer the questions that follow:

Seven persons, namely H, B ,C,J,K D and E work as Software developers for a company. They all like seven different programming languages namely Python, Java, C ++ , Rust, Golang, Haskell and Prolog but not necessarily in the same order. Each person has different years of experience 2, 4, 5, 6, 8, 9 and 10, but not necessarily in the same order.

1)

Python

3)

Golang Answer: 3

2) C++

4)

Rust

Only one person has more experience than B. K has 6 years of experience. The one who likes Rust is more experienced than the one who likes Pralog but is less experienced than K. The one who likes Rust does not have 5 years of experience. J is more experienced than the one who likes Rust but less experienced than the one who likes Java. 8 does not like Java. H likes Haskell. The one who likes Python is less experienced than J. Both C and D have less experience than the one who likes Python. D does not like C++ and is not the least experienced employee. The one who likes C++ is the 3rd most experienced person, but neither this person nor B has 4 or 5 years of experience. 8 does not have 8 years of experience and J does not have 9 years of experience.

Q . Which of the following programming language does B like?

Question 40

The statement given below are followed by 4 conclusions as in the statement are true even if they contradict commonly known facts and determined conclusion/s that follow/s from the statements logically.

statements:

1. No fan are coolers .
2. All coolers are air conditioner. 3.No coolers are earthen pots. conclusions:
3. Some air conditioners are fans
4. No air conditioners are fans 3.No fans are earthen pots 4.Some fans are earthen pots.

1)

None of the conclusions follow

3)

only either conclusion 1 or 2 and either conclusion 3 or 4 follows

Answer: 3

2)

only conclusion 1 and 3 follows

4)

only either conclusion 1 or 2

and 3 follow

Question 41

Mark the option containing the statement followed by two assumptions are implicit or not

**Statement:** The foot over bridge was built at the cost of Rs. 150 crores for the safety of pedestrians crossing the road. But most pedestrians who cross the busy road are not utilizing it & making them vulnerable to accidents. What a pity to see it grossly underutilized.

# Assumptions:

1. The building of such bridges does not serve any public objective.
2. The pedestrians are not using the bridge as it is shoddily built.

1)

Both Assumption 1 and 2 are not implicit

3)

Only Assumption 1 is implicit Answer: 2

2)

Only Assumption 2 is implicit

4)

Both Assumption 1 and 2 are implicit

Question 42 1) 2)

7 people L, S, M, N W and T won reality show during the years 2010 L N to 2016 such that, one season only one person was declared the

winner and none of the people won twice. They won for different 3) 4)

skills they had including AAA, CO DOC, SEE, FFF and GGG, not T W necessarily in the same order.

It is known that who was skilled in ‘CCC won the show in a leap year 5 won just before T who was skilled in ’DDD' . T having expetise in ‘EEE’ won after M. 2 people won between S and L, who was skilled at ‘AAA’. L was not the last person to win show . The N, who was skilled in 'FFF won in an odd-numbered year. Q was skilled at BBB and won the show before N, but Q was not the first one to win the show. W was skilled at ‘GGG’.

Q .Who won the show in the year 2016?

Answer: 4

Question 43

What will be the output of the following pseudo code?

Integer p,q,r

Set p = 3 , q = 4, r=10 if((q + r + 5) < (r + p + q))

p=r+p if((p+r+q)<(r+q-p))

r = (r + 4) + q Else

r=p+r End if

Else

r = 5 + q if((2+q)+(6+p)>(r+p))

r = (r + 12) + r r=(p+p)+r

End if End if

Print p+q+r

1) 2)

52 33

3) 4)

43 63

Answer: 3

Question 44

The statements given below are followed by two conclusions. Assume the statements are true, even if they contradict commonly known facts,

and determined the conclusion/s that follow/s from the statements logically.

Statements:

1: Some museums are stadiums.

2: Some stadiums are auditoriums. 3: All halls are auditoriums.

Conclusions:

1: Some museums are halls.

2: Some museums are auditoriums. 3: No hall is museum.

4: All auditoriums are halls.

1)

Only either Conclusion 2 or 3 follows

3)

Only Conclusion 2 and 3 follows

Answer: 2

2)

Only either Conclusion 1 or 3 follows

4)

Only Conclusion 4 follows

Question 45

Mark then option containing the statement followed by two arguments are strong or not:

Statement: Should a stringent law be passed to make helmets compulsory for two wheeler riders as well as pillions in India?

Argument:

1)

Both Arguments 1 and 2 are strong

3)

Either of the arguments are strong

Answer: 2

2)

Only Argument 2 is strong

4)

Only Argument 1 is strong

1. Yes. There are more than a million two wheeler women riders registered in India.
2. Yes. The number of head injury cases can be reduced by 50 percent if the law is introduced in India.

Question 46

Mark the option containing the statement followed by two assumptions are implicit or not.

**Statement.** This bakery has the best red velvet cakes in town

# Assumptions

1. Red velvet is the best cake flavour.
2. Some of the other bakeries in town also make red velvet cakes.

1)

Both Assumption and 2 are implicit

3)

Only Assumption 1 is implicit Answer: 2

2)

Only Assumption 2 is implicit

4)

Both Assumption 1 and 2 are not implicit.

Question 47

Five friends named Sam, Thomas, Gabriel, Blake, and Clarke like five different colours that are Blue, Yellow, Green, Red and White. They also have different favourite foods that are Fish, Chicken, Chocolate, Maggie, and Sweets (not necessarily in the same order). Following information is known to regarding the above given situation.

-Blue is the favourite colour of the person who likes fish.

-Clarke and Sam do not like fish.

-Blake's favourite dish is sweets.

-Gabriel like green colour.

-Clarke's favourite colour is white and he does not like chicken

-Maggie is the favourite dish of the person who likes red colour.

What is the favourite colour of Gabriel?

1)

Yellow

3)

Red Answer: 2

2)

Green

4)

White

Question 48

Read the information given below and answer the questions that follow:

Seven people-A, B, C, D, E, F and G who live in the same house were given different household chores. Each of them was given different tasks namely - Washing, Cleaning, Mopping, Vacuuming, Dusting, Sweeping and Cooking. They completed their individual tasks in durations of 20 min, 22 min, 25 min, 26 min, 27 min, 29 min and 30 min but not necessarily in the same order.

C did the Washing and A did the Cooking. D neither did Mopping nor Dusting. 8 did his task in 20 min. F did his task in 22 min. G neither did Cleaning nor Sweeping but completed the task in 29 min. The time taken by E to complete the task was more than that taken by D, but less than that taken by C. The one who did Vacuuming took less time to complete the task than the time taken by one who did Cooking. Dusting was not one of the first three tasks done. The one task that was done in 25 min was neither Cleaning nor Vacuuming. F either did Cleaning or Mopping. The one who did Vacuuming did the task in 29 min. The one who did Cleaning did not do it in 20 min. D completed his task in 25 min.

Which of the following combinations is correct?

1)

D-Sweeping

3)

B-Cleaning Answer: 1

2)

E-Vacuuming

4)

F-Mopping

Question 49

Mark the option containing the statement followed by two arguments are strong or not

**Statement:** Is democracy the best form of government?

# Arguments:

1. Yes. It is a form of government that enables all its people to participate in decision making

with respect to a country.

1. No. Accommodating every citizen's opinion will not lead to any consensus an decisions with

respect to a country.

1)

Neither of the arguments are strong

3)

Only Argument 1 strong Answer: 3

2)

Both Arguments 1 and 2 are strong

4)

Only Argument 2 is strong

Question 50

The question below is followed by two statements numbered I and II. Define which statement(s) is/are sufficient to answer the question and mark your answer accordingly

**Question**: The total marks scored by Mark, Kevin and Ash was 255. What were their individual marks?

# Statements:

1. Mark and Kevin together scored were two third of the total marks scored by all three of them
2. Mark scored 13 marks more than Ash and Kevin scored 26 marks less than Mark

1)

Either Statement I or II is sufficient to answer the question

3)

Both 1 and II are needed together to answer the question

Answer: 4

2)

Neither I or II is sufficient to answer the question

4)

Only Statement I or Statement II is sufficient to answer the question

Question 51

If you want to start the presenter view from the current slide in PowerPoint then, which of the following key should press?

1)

Alt + F5

3)

Ctrl + F5 Answer: 1

2) F5

4)

Shift + F5

Question 52

In MS Word, If you have to indent the paragraph then which of the following shortcut key you should use

1)

Ctrl + M

3)

Alt + M Answer: 1

2)

Ctrl + I

4)

Alt + I

Question 53

In MS PowerPoint, if you have to change the mouse pointer to default arrow then which of the following you should use?

1)

Ctrl +E

3)

ctrl +A Answer: 3

2)

Ctrl +p

4)

Alt +A

Question 54

Which of the following is the default AI assistant for Macintosh operating system?

1)

Google Assistant

2)

Cortana

|  |  |  |
| --- | --- | --- |
|  | 3)  Alexa | 4)  Siri |
| Answer: 4 |  |
| Question 55 | 1) | 2) |
| Match the following logical functions with their use. | 1-B, 2-C, 3-A | 1-A, 2-B, 3-C |
| 1. IF 2. NOT 3. AND | 3)  1-A, 2-C, 3-B | 4)  1-B, 2-A, 3-C |

A- Returns TRUE if all of its arguments are TRUE

B- Specifies a logical test to perform

C- Reverse the value of its argument

Answer: 1

Question 56

In the given example of a URL with different components, which of the following is a Top Level Domain? https://blog.hubspot.com/marketing/

1 2 3 4 5

1) 2)

2 3

3) 4)

1 4

Answer: 4

Question 57

Graphic integrity of a PDF file is independent of which of the following?

1. Operating system
2. Device
3. Software application

1)

1. and 3

3)

1. and 3

Answer: 2

2)

1, 2 and 3

4)

1 and 2

Question 58

If you are using some special fonts in your word document and want to embed them then you should take?

1)

Change the cache settings

3)

Change the AutoRecover time Answer: 2

2)

Preserve fidelity when sharing the document

4)

None

Question 59

Graphic integrity of a PDF file is independent of which of the following?

1. Operating system
2. Device
3. Software application

1)

1. and 3

3)

1. and 3

Answer: 2

2)

1,2 and 3

4)

1 and 2

Question 60

Find the odd one out.

1)

Bing

3)

Chrome Answer: 4

2)

Yahoo

4)

Google

Question 61

If you are using some special fonts in your word document and want to embed then then which of the following action you should take?

1)

Change the cache setting

3)

change the AutoRecover time

2)

Preserve fidelity when sharing the documents

4)

Protector the document

Answer: 2

Question 62

If a new vendor sends you an email for promoting his services but you are unable to locate in your inbox then which of the following folder you should check?

1) OUTBOX

3) SENT

Answer: 2

2) SPAM

4) DRAFT

Question 63

# What will be the output of the following pseudo code?

Integer p,q,r

Set p-1, q = 5 r = 4 if ((q&p)<r)

p = (r + q) + q End if

if( (q + r) > (p - q) && 1<p) p = (r &q) + r

Else

q = 4 + r End if

p = (r + 7) + r Print p + q + r

1) 2)

20 35

3) 4)

30 27

Answer: 4

|  |  |  |
| --- | --- | --- |
| Question 64 | 1) | 2) |
| What will be output of the following pseudo code ? | 28 | 32 |
| Integer a, b, c  Set a=3, b=4,c=10 a=10+b  if ((a+b+c)<(b+c+a)) a=(3+9)+c  if ((b+a+7)<(5+c+b)) c=(b+11)+c  Else  a=(8+5)+a  End if b=(2+2)+b  Else  if ((b+c)<(c-b)) b=(a+b)+b c=c+b  End if a=10+b  End if  print a+b+c | 3)  21  Answer: 1 | 4)  36 |
| Question 65 | 1) | 2) |
| What will be the ouput of the following pseudo code for a=8, b=1? | 54 | 56 |
| Integer funn (Integer a, Intgeger b) | 3) | 4) |
| if ( ( 2^a) >(a+b) && (b^a) >(a-b) ) | 48 | 51 |

a=a+2 a=3+a+a

return funn(a,a)+1+funn(b,b) End if

Answer: 4

a=(b+1)+a return a

Question 66

What will be the output of the following pseudo code ? 1.Integer p,q,r

2. Set p=6, q=6, r=4 3.if(r<p || (p-r)< (q+p)) 4. p=(p+9)+p

5. if((4^q^9)<(9^4))

6. p=2+r

7. End if

8. p=(p+9)+q

1. End if
2. Print p+q+r

1) 2)

39 35

3) 4)

28 31

Answer: 4

Question 67

What will be the output of the following pseudo code?

Integer p,q,r

Set p = 3 , q = 4, r=10 if((q + r + 5) < (r + p + q))

p=r+p if((p+r+q)<(r+q-p))

r = (r + 4) + q Else

r=p+r End if

Else

r = 5 + q if((2+q)+(6+p)>(r+p))

r = (r + 12) + r r=(p+p)+r

End if End if

Print p+q+r

1) 2)

52 33

3) 4)

43 63

Answer: 3

Question 68

what wiil be the output of the following pseudo code?

Integer a,b,c

Set a=2,b=7, c=9 if(9>c || (b&a)<a) c=(b+1)+b

Else

a=a+c b=5^b

End if

Print a+b+c

1) 2)

34 23

3) 4)

22 20

Answer: 1

Question 69

what will be the output of the following pseudo code? Integer p,q,r

Set p=2,q=4,r=5 for(each r from 2 to 4)

if(r<q && (r+q)<(6-r)) p=(q+7)+p

End if if((p+r+q)>(q-p)

q=(q+8)+p End if q=(q+5)+p

End for print p+q+r

1) 2)

74 62

3) 4)

58 65

Answer: 2

Question 70

what will the output of the following pseudo code?

Integer pp,qq,rr

Set pp=3, qq=5, rr=7 for (each rr from 4 to 5 )

pp=pp+qq qq=(11&7)+qq

1) 2)

7 19

3) 4)

11 26

Answer: 3

|  |  |  |
| --- | --- | --- |
| End for pp=2&pp Print pp+qq |  | |
| Question 71 | 1) | 2) |
| What will be the output of the following pseudo code ? | 28 | 26 |
| Integer p,q,r | 3) | 4) |
| Set p = 1, q = 4, r = 6 | 33 | 24 |

for (each r from 5 to 9 )

if (7<p && (4&r)<q) Jump out of the loop

End if

q = (12 + 4) ^ r End for

Print p+q

Answer: 4

Question 72

# What will be the output of the following pseudo code?

Integer p,q,r

Set p = 8 , q = 8, r = 10 if((q + r - p) < (7 - q))

p = q + r Else

r = p + q End if

r = (3 + 8) + q

if((8 ^ p ^ 9) < (9 ^ 8)) p = (r + 1) + r

End if

Print p + q +r

1) 2)

35 34

3) 4)

44 38

Answer: 1

Question 73 1) 2)

# What will the output of following pseudo code? 20 4

Integer p, q, r

Set p = 3 , q = 5, r=4 p = 3 + p

if((p + q) < (r + p)) r = (r + 3) + r

if((8 + q + p) < (6 + p + r))

if((r + p) < (p - r)) r = (p + r) + r

End if q=q+p

End if

3) 4)

27 35

Answer: 1

Else

q=6+r End if

Print p+q+r

Question 74

What will be the output of the following pseudo code

Integer p,q,r

Set p = 3, q = 5 , r=4 p = 3 + p

if((p + q) < (r + p)) r = (r + 3) + r

if((8+q+p)<(6+p+r))

if((r + p) < (p - r)) r = (p + r) + r

End if q=q+p

End if Else

q=6+r End if

Print p+q+r

1) 2)

27 20

3) 4)

4 35

Answer: 2

Question 75

what will be the output of the following pseudocode for a=3,b=1?

Integer funn(Integer a,Integer b) if((b^a)<(4-b) && (b^a)<(4-b))

a=1+1+a

a=a+1 b=a+1

return funn(b+b,a)

End if a=(b+3)+b return a+1

1) 2)

19 34

3) 4)

4 16

Answer: 4

Question 76

What will be the output of the following pseudocode for a = 1 b = 17 1.

2. Integer funn (Integer a, Integer b) 3. if(a<3 88(a \* 8b) < (b + a) ) 4. b = a + 2

5. b = b + 1

6 return b-funn (b, b)

1) 2)

-12 5

3) 4)

-2 -7

Answer: 4

7. End if

8. b=b+3

9. return a + b

Question 77

What will be the output of the following pseudo code for a=0,b=0?

Integer funn(Integer a, Integer b) if((5-a)>(a-b) && (1-a) > (a-b)

a=(b+3)+b a=3+b+b b=b+1

return funn(a,a)+funn(a,b+a) End if

1) 2)

12 8

3) 4)

11 26

Answer: 3

|  |  |  |
| --- | --- | --- |
| return a+b-1  Question 78 | 1) | 2) |
| **What will be the output of the following pseudocode ?** | 37 | 34 |
| Integer p,q,r | 3) | 4) |
| Set p = 7 , q = 7, r = 6 | 50 | 28 |

if((q + p + r) < (6 - q)) r = (p ^ r) ^ r

Else

r = (r ^ 11) + q End if

if((p ^ r) < (q + p)) q = (r + q) + p

End if

Print p+q+r

Answer: 2

Question 79

What will be output of the following pseudo code ? Integer p,q,r

Set p=5, q=8, r=4 if ((p^9)<(10+P))

p=q+q Else

1) 2)

32 36

3) 4)

25 28

Answer: 4

if ((p&q&r)>(r&p)) q=(1+3)^r

End if End if

print p+q+r

Question 80

Integer funn(Integer a, Integer b) if(b>a && a>3)

a=(b+1)+a b=1+3+a

return a-funn(b,b)

End if return b-1

1)

6

3)

14

Answer: 4

2)

-16

4)

-3

Question 81 1) 2)

find the hamming distance between 11111000 and 10000111 4 6

3) 4)

5 7

Answer: 4

Question 82

Which of following the following type of error occurs in both parallel and serial communication system?

1)

Burst error

3)

Multiple bit error Answer: 2

2)

single Bit error

4)

All of the above options

Question 83

The higher order bits of the first octet of class E are always set to-

1)

1111

3)

110

Answer: 1

2)

10

4)

1110

Question 84

Identify as a service (IDaas) includes -

1. Authentication services
2. Registration information
3. Risk and event monitoring

1)

1. and 3

3)

1. and 3

Answer: 1

2)

1, 2 and 3

4)

1. and 2

Question 85

In AWS you can create a DB instance by using which of the following?

* 1. AWS management console
  2. Amazon RDS APIs
  3. Amazon command line Interface

1)

1. and 3

3)

1 and 3

Answer: 4

2)

1and 2

4)

1 ,2 and 3

Question 86

Which of the following is a 2 port networking device?

1. Repeater
2. Hub
3. Bridge

1)

1, 2 and 3

3)

1 and 2

Answer: 1

2)

1. and 3

4)

1. and 3

Question 87

The reporting services of cloud helps in-

* 1. Monitoring Billing
  2. Ensuring the optimum usage of resources
  3. Automation

1)

1 And 2

3)

1. And 3

Answer: 1

2)

1. And 3

4)

1,2 and 3

Question 88

In which the following the hypervisor is installed on a physical server (host) and a guest OS is installed into the environment?

software assisted full virtualization hardware assisted full virtualization Paravirtualization

1)

1. And 2

3)

1. and 3

Answer: 3

2)

Only 3

4)

1,2 and 3

Question 89 1) 2)

which of the following service in a IPSec is provided by encapsulating security payload(ESP) but not by identification header(AH) protocol?

Message authentication (message integrity )

3)

Access-control Answer: 2

confidentiality

4)

Replay attack protection

Question 90

from the given example find out the type of cyber attack. EXAMPLE:

If a hacker attempts to get into the admin section of a site xyz.com, they may type in [http://xyz.com/admin,](http://xyz.com/admin) and this will bring them to an admin login page. In some cases, the admin username and password may be default “admin” or very easy to guess. The attacker then gains access, and can manipulate, steal, or delete data at will.

1)

SQL Injection Attack

3)

DNS Spoofing Answer: 1

2)

URL Interpretation

4)

Denial-of-service (DoS) Attack