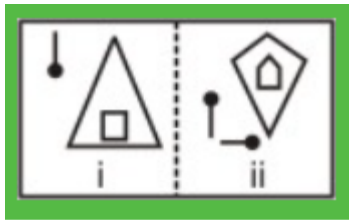


Aptitude Questions

Question No: 1 In the following questions, a related pair of figures is followed by four numbered pairs of figures, select the pair that has a relationship similar to that in the original pair. The best possible answer is to be selected from a group of fairly close choices.

(Image-based question)



Answer:

Question No: 2 Fill in the blank by selecting the appropriate word from the options:

You should help him in whatever he may need; _____, he's your brother.

Answer: after all

Question No: 3 Find the analogy of the pair 14:9 :: 23:?

Answer: 16

Question No: 4 The following question consists of five figures marked A, B, C, D and E called the problem figures. Select a figure from among the Answer Figures which will continue the same series as established by the five Problem Figures.

(Image-based question)



Answer:

Question No: 5 Substitute the given sentence with one word:

Present opposing arguments or evidence

Answer: Rebut

Question No: 6 Two statements I and II are given.

I. Around 60% of computer and software professionals in Russia wish to pursue ethical hacking.

II. The IT companies like Yandex and VK in three of the neighbouring countries of Russia recently faced an attack of 'Hacker Virus' in many of their systems.

Answer: Statement II is the cause and statement I is its effect.

Question No: 7 Sanmitra walked 8 m towards the north. He turned to his right and walked 16 m, then he turned to his left and walked 5 m and again he turned to his left and walked 16 m. In which direction is he from his starting point?

Answer: North

Question No: 8 Six friends are sitting in a circle and are facing the center of the circle. Deepa is between Prakash and Pankaj. Priti is between Mukesh and Lalit. Prakash and Mukesh are opposite to each other. Who is just right to Pankaj?

Answer: Deepa

Question No: 9 Who is sitting second to the left of Biden in a line in which all people are facing south? (Biden is not sitting at any extreme end)

Statement I: Carter is sitting to immediate left of Emhoff. There are 2 people between Arthur and Emhoff. Donald and Arthur are immediate neighbours. There are 2 people between Biden and Ford. Biden and Emhoff are not sitting together.

Statement II: Donald is sitting to immediate left of Arthur. There are 2 people between Arthur and Emhoff. Carter is sitting second to left of Ford

Answer: If the data either in I or II alone are sufficient to answer the question

Question No: 10 Out of the four alternatives choose the one which can be substituted for the given words / sentence.

A person who leaves one political party, religious group, etc., to join one that has very different views.

Answer: Turncoat

Question No: 11 Choose the best fit for the blanks from the options given. The "x" means that the blank requires no filling.

_____ word god also refers to a man _____ superior quality or exceptional beauty.

Answer: The, of

Question No: 12 Should we re-adopt the old custom of "marriages at an early age"?

I. Yes - Our ancestors were wise enough to have adopted this.

II. No - We must change.

Answer: if neither (I) nor (II) is strong

Question No: 13 Statements : $J \leq K = M$, $N \geq P > K$, $Q > N = R$

Conclusions : I. $R > J$, II. $Q \geq M$

Answer: if only conclusion I follows

Question No: 14 Here, there are two sets of figures. The figures on left hand side are problem figures and on the right hand side are answer figures. A series is established if one of the five answer figures is placed in place of the sign?

(Image-based question)

Answer: e

Question No: 15 How much did it cost the ITC Corporation to insure its factory from fire in 2018?

(A) It cost Rs.10,000 for fire insurance in 2017.

(B) The total amount the corporation spent on fire insurance in 2016, 2017 and 2018 was Rs.36,000.

Answer: if the question cannot be answered even by using both statements together.

Question No: 16 Fill in the blank with the most suitable option.

The answers to his questions were quite simple _____ those of his friend's.

Answer: as opposed to

Question No: 17 Choose the best option that expresses the sentence in active/passive voice:

Before Christmas, the shops are crowded with people making various purchases.

Answer: People crowd the shops before Christmas making various purchases.

Question No: 18 Which Condition is sufficient to make sure that Ajay will not stay further?

(Flow chart based question)

Answer: (b) If the feedback which is given by him is negative.

Question No: 19 Choose the odd numeral pair/group in the following options.

Answer: 56 – 84

Question No: 20 Statements: $P < X \leq Y < Q$, $S > Y < T$, $P = V > R$

Conclusions: I. $V < S$, II. $T > R$

Answer: if both conclusions I and II follow

Question No: 21 If the world population is 543 crores, the Chinese language is spoken by about what percent of the total population?

(Bar graph based question)

Answer: 22%

Question No: 22 The ratio of total population speaking Japanese and German put together to that of Russian and Arabic put together is:

(Bar graph based question)

Answer: 1:2

Question No: 23 When Western countries give aid to poor countries they ensure that:

(Reading comprehension question)

Answer: a large part of it comes back to them.

Question No: 24 The essence of several reports being published is:

(Reading comprehension question)

Answer: that poverty is the result of the inefficiency of the poor.

Question No: 25 If a man is standing facing North at point C, how far and in which direction is he from point F?

Answer: 12m east

Question No: 26 What is the direction of D with respect to B?

Answer: south east

Question No: 27 Conclusions: Some windows are rings, No stone is a ring, Some windows are doors, Some doors are rings. Which statements logically follow?

Answer:(b)

Question No: 28 Convert the sentence from Direct to Indirect Speech.

Saran said, "Why are you late? I waited for you so long".

Answer: Saran asked why he was late. He said that he had waited for him for long.

Question No: 29 If the first half of the alphabet is written in reverse order and the remaining half written as it is, then which letter will be the middle letter between the 10th letter from left end and the 13th letter from the right end?

Answer: B

Question No: 30 Following the algorithm with the given numbers in the boxes, what Number is now in box 3?

(Algorithm based question)

Answer: 108

Question No: 31 Rearrange the sentences A, B, C, D to form a coherent paragraph between sentences 1 and 6.

Answer: BDCA

Question No: 32 In a certain code EQUITY is written as FSXMYE, then how is MARKET written in that code?

Answer: NCUOJZ

Question No: 33 What will be the code for 278140 based on the given coding rules?

Answer: BA\$ξMX

Question No: 34 Statements: Only a few Green are Blue, Only a few Blue are Orange, Only a few Orange are Red.

Conclusions: I) All Orange being Blue is a possibility, II) Some Orange Can never be Green is a

possibility

Answer:E

Question No: 35 Statement: "You are hereby appointed as a programmer with a probation period of one year and your performance will be reviewed at the end of the period for confirmation." - A line in an appointment letter.

Assumptions: I. The performance of an individual generally is not known at the time of appointment offer. II. Generally an individual tries to prove his worth during the probation period.

Answer: Both I and II are implicit

Question No: 36 Statements: $M \leq N = O$; $M \leq P$; $O < Q$

Conclusions: I. $Q > N$, II. $M \geq O$

Answer: Only conclusion I is true

Question No: 37 Martha is the niece of George. George's mother is Elizabeth. Rachel is Elizabeth's mother. Rachel's husband is Andrew. Hannah is the mother-in-law of Andrew. How is Martha related to Andrew?

Answer: Martha is Andrew's great-granddaughter

Question No: 38 What is the sum values of the faces that are joined together, if the number on the face of the dice to the left in figure (iii) which is touching the other dice is 2?

(Dice-based question)

Answer: 5

Question No: 39 In a certain code language, if the word IBUPROFEN is coded as BURFIPOEN, then how is the word SENTIMENT coded in that language?

Answer: ENIESTMNT

Question No: 40 Trudeau starts from his house and walks for 60 m towards the West. He then walks for 20 m northwards and after that 30 m towards his right. Finally, he walks for 40 m towards South to reach his office. How far and in which direction is his house from his office?

Answer: $10\sqrt{13}$, North-east

Question No: 41 Sneha going with Kavin is asked by Thomas about the relationship between them. Sneha replied, "My paternal uncle and the uncle of his paternal uncle is the same". How

are Sneha and Kavın related?

Answer: Aunt and nephew

Question No: 42 Find the correct pair analogy for 3265 : 4376 :: 4673 : ?

Answer: 5784

Question No: 43 Six friends are sitting in a circle... If Prakash and Priti interchanges their place, who will be sitting to the third left of Mukesh?

Answer: Priti

Question No: 44 From the given options choose the one which best expresses the given sentence in active/passive voice:

People use Facebook all over the world.

Answer: Facebook is used all over the world.

Question No: 45 A person walks 1 km eastwards and turns right and walks 1 km and turns right and walks a km again, and again turns right and moves a km ahead. What is the direction he is facing now?

Answer: North

Question No: 46 If the word JUNGLE is coded as CJELSH, then the word FOREST is coded as

Answer: RQCPMD

Question No: 47 In the following sentence... choose the best alternative among the four options.

On 12th April 1961, Yuri Gagarin became a first person to enter the space.

Answer: became the first person to enter space

Question No: 48 Identify the one which is opposite in meaning (antonym) to the question word and mark.

boorish

Answer: urbane

Question No: 49 In the following questions four out of the five figure element I is related to element II in the same particular way. Find out the figure in which the element I is not so

related to element II.

(Image-based question)

Answer: 4

Question No: 50 Change from indirect speech to direct speech.

Raju asked Abhishek if he would change seats with him.

Answer: Raju said to Abhishek, "Will you change seats with me?"

Technical & Other Questions

Question No: 1 Which of the following types of cryptography's strength depends on the number of key bits?

Answer: Symmetric key cryptography

Question No: 2 What will be the output of the following pseudocode?
integer x, y, z, j

set x=7, y=9

z = x+y

y = z mod x

x = x+y

y = x + z

for (each j from 3 to 4)

y = y-j

end for

print y

Answer: 18

Question No: 3 Which protocol is used to retrieve email messages from a server and delete them from the server once they have been downloaded?

Answer: POP

Question No: 4 What will be the output of the following pseudocode for a=4, b=2?


```
integer funn(integer a, integer b)
```

```
if (b>a && a>0)
```

```
return funn(b - 2, a - 2)
```

```
else
```

```
return b - a
```

```
end if
```

```
return 1
```

```
end function funn ()
```

Answer: -2

Question No: 5 What will be the output for the following pseudocode?

```
integer a
```

```
set a=1
```

```
while(a<5)
```

```
a= a+2
```

```
end while
```

```
print a
```

Answer: 5

Question No: 6 How do you wrap the text in a cell?

Answer: Format - cells - alignment

Question No: 7 What will be the output of the following pseudocode?

```
Integer p,q,r
```

```
Set p=1, q=3, r=8
```

```
p=3^r
```

```
if((r^3)<8 && (4^6)<r)
```

$q=r^q$

Else

$p=(p+q)+r$

End if

Print $p+q+r$

Answer: 6583

Question No: 8 Which of the following is the URL form of output obtained from the micro-browser of WAP?

Answer: HTTP

Question No: 9 In PowerPoint, the header and footer buttons can be found on the insert tab in what group?

[integer funn(integer a, integer b)

if ($a>1 \ \&\& \ b>1$)

return $a+ \text{funn}(b - a, a-b)+b$

end if

if(a)

return b

end if

return 10

end function funn()

]

Answer: Text group

Question No: 10 What will be the output of the following pseudocode for $a=7$ and $b=4$?

Answer: 14

Question No: 11 What will be the output of the following pseudocode for $p = 3$ and $q = 4$?

```
int fun1(int p, int q)
if(q EQUALS 0)
return 0
if(q mod 2 EQUALS 0)
return fun1(p + p, q/2) .
return fun1(p + p, q/2) + p
End function fun1()
```

Answer: 12

Question No: 12 Which of the following keyboard shortcuts can be used for creating a chart from the selected cells?

Answer: F11

Question No: 13 What is a set of unified design elements that provides a look for your document using color, fonts, and graphics?

Answer: Theme

Question No: 14 What will be the output of the following pseudocode?

```
Integer a, b, c
set a=5, b= 11, c= 7
for ( each c from 2 to 3)
b = 9 + a
end for
print a + b
```

Answer: 19

Question No: 15 What will be the output of the following pseudocode for a=9 and b=7?

```
integer funn(integer a, integer b)
```

```
integer c
set c=2
b= b MOD c
a= a MOD c
return a+b
end function funn( )
```

Answer: 2

Question No: 16 Which of the following options is used to display information such as the document's title and page number?

Answer: Header and Footer

Question No: 17 What will be the output of the following pseudo-code for a=9 and b=2?

```
Integer funn(Integer a, Integer b)
    if (b<a)
        return a+funn(b+1,a+1)+funn(b+2,a+2)
    End if
return b
```

Answer: 30

Question No: 18 What will be the sum of the port numbers of Telnet and Internet Relay Chat?

Answer: 217 (Telnet: 23, IRC: 194)

Question No: 19 A detailed written description of the programming cycle and the program, along with the test results and a printout of the program is called ____

Answer: Documentation

Question No: 20 Which of the following companies put forth the emergence of WAP?

Answer: Unwired planet

Question No: 21 To align right the selected text, the shortcut key is _____.

Answer: Ctrl + R

Question No: 22 What will be the output of the following pseudocode for p=3 and q=7?

```
integer function funn(integer p, integer q)
```

```
integer r
```

```
set r=p
```

```
p=q
```

```
r=p
```

```
q=r
```

```
p=r
```

```
return p+q
```

```
end function funn ()
```

Answer: 14

Question No: 23 What will be the output of the following pseudocode?

```
integer p,q,r
```

```
set p=15,q=3
```

```
r=p/q
```

```
q= p mod r
```

```
p=(p+ q+ r)/5
```

```
print p, q, and r
```

Answer: 4 0 5

Question No: 24 What will be the output of the following pseudo-code for a=2?

```
integer fun(integer a)
```

```
if(a>0)
```

```
return a+ fun(a-1)
```

```
else
```

```
return 0
```

```
end if
```

Answer: 3

Question No: 25 What will be the output of the following code?

```
Function m()
```

```
print hi
```

```
End Function
```

```
Function main()
```

```
m();
```

```
End main
```

Answer: hi

Question No: 26 Which of the following attacks treats the encryption algorithm as a black box?

Answer: Brute-Force attacks

Question No: 27 _____ are advanced features that can speed up editing or formatting you may perform often in a Word document.

Answer: Macros

Question No: 28 Which of the following encryption algorithms can be encountered with Bit flipping attack?

Answer: Rivest Cipher 4

Question No: 29 WAP model is based on ___ type of model?

Answer: Client-server

Question No: 30 What is the default PowerPoint standard layout?

Answer: Title slide

Question No: 31 Which of the following cloud service providers does not provide application lifecycle management?

Answer: All of the mentioned provides the service

Question No: 32 What will be the output of the following pseudocode?

Integer array1[6], p,j,q

Set p=3

Set array1[6]={ 3,6,10,12,23,33}

for (each j from 0 to 5)

 if((array1[j] MOD p) EQUALS 0)

 p=array1[j]-p*3

 end if

q=p+array1[j]-3

end for

Print q

Answer: 54

Question No: 33 What will be the output of the following pseudocode for i=12?

integer fun (integer i)

if ((i/2)<(i MOD 2))

 return i+1

else

 return fun(fun(i -6))

end if

end function fun ()

Answer: -7

Question No: 34 What will be the output of the following pseudocode for x=45?

integer fun(integer x)

if((x MOD 6) MOD 2 > 0)

return x/9

else

return fun(x/9)

end if

end function fun()

Answer: 5

Question No: 35 The slide that is used to introduce a topic and set the tone for the presentation is called the _____.

Answer: Title slide

Question No: 36 Which of the following WAP protocol stack is an adaption type of layer?

Answer: WDP

Question No: 37 The PowerPoint view that displays only text (title and bullets) is _____.

Answer: Outline view

Question No: 38 Which is not the valid edition of MS PowerPoint?

Answer: MS PowerPoint 1920

Question No: 39 What will be the output of the following pseudocode?

Integer f, k, j

Set f= 9, k= 55

j= f + k / 8

if($j + 1 \geq 8$)

$f = f + 1$

Else

$K = k + 1$

End if

Print $f + k$

Answer: 65

Question No: 40 What will be the output of the following pseudocode?

Integer p,q,r

Set $p=5$, $q=3$, $r=8$

for(each r from 4 to 7)

$q=9+r$

if($(4+r-p) > (p+q)$)

$p=(q+r)+r$

Else

$q=(r^q)^p$

End if

End for

Print $p+q$

Answer: 23