One of Accenture drive concluded on **6-September-2021** with the third slot happening on for the students from **5:00 PM to 7:30 PM**. This document details the **Slot Analysis** as well as **Answers to Questions** that students recollected post the test.

Disclaimer:

1. The questions showcased in this document have been recreated through memory, thanks to test-takers who recalled the questions post their test.

2. The questions repetition between the slots is expected to be very miniscule.

3. Please use this document as an indicative preparation tool, rather than exact replica of the questions that appeared or can appear in the Accenture Online Test.

Accenture Roles and Packages

This year Accenture recruitment for 2022 pass-outs has come up with two roles with exciting packages. They are as follows.

- **Associate Software Engineer (4.5 LPA)**
- **Advanced Associate Software Engineer (6.5 LPA)**

Accenture Recruitment Process

Accenture Online Test Pattern

Round	Round Name	#Qs	Sections Name	#Qs in Sections	Duration (In Mins)
1	Cognitive and Technical Assessment	90	English Ability	17	90
			Critical Reasoning and Problem Solving	18	
			Abstract Reasoning	15	
			Common Applications and MS Office	12	
			Pseudocode	18	
			Networking and Security	10	
2	Coding	2	-	-	45

Accenture Online Test Assessment Platform

Assessment Platform	Intra - sectional Navigation	Sectional Navigation Marking Scheme	Marking Scheme
AON-CoCubes/ Wheebox/ Mettl	Allowed	Allowed	No Negative Marking

Accenture Online Test Syllabus

Section	Topic
English Ability	• Reading Comprehension • Articles • Prepositions • Sentence Correction, • Speech and Voice • Tenses, Synonyms • Antonyms, Spellings • Idioms and Phrases

Critical Reasoning and Problem solving	• Critical reasoning • Flowcharts • Data arrangements • Data sufficiency • Syllogisms
Abstract Reasoning	• Coding and Decoding • Visual Reasoning • Odd man out • Series
Pseudocode	• Sequence • While • Repeat-until • For • If-then-else • Case
Common Applications and MS Office	**MS Word** • Creating, editing, saving and printing text documents • Font and paragraph formatting • Simple character formatting • Inserting tables, smart art, page breaks • Using lists and styles • Working with images • Using Spelling and Grammar check • Understanding document properties • Mail Merge **MS Excel** • Spreadsheet basics • Creating, editing, saving and printing spreadsheets • Working with functions & formulas • Modifying worksheets with color & autoformats • Graphically representing data: Charts & Graphs • Speeding data entry: Using Data Forms • Analyzing data: Data Menu, Subtotal, Filtering Data • Formatting worksheets

	MS Power Point • Securing & Protecting spreadsheets • Opening, viewing, creating, and printing slides • Applying auto layouts • Adding custom animation • Using slide transitions • Graphically representing data : Charts & Graphs • Creating Professional Slide for Presentation.
Coding	• Data types • Operators • Arrays • Strings • Decision Making • Looping • Functions • Scenario-based questions

Accenture Slot Analysis

- Difficulty level of Pseudocode questions ranged from easy to moderate.
- Difficulty level of English Ability questions ranged from easy to moderate.
- Most of the questions in Abstract Reasoning section were from Number Series,, Visual Reasoning and Coding and Decoding.
- Basic questions from MS Word, MS Excel and Computer Applications were asked in Common Applications and MS Office section.
- Overall Test Difficulty level settles around MODERATE.

Accenture English Ability

1. Fill in the blank with the most suitable articles..
   Someone call _____ police!
   A. a
   B. an
   C. the
   D. No article
   Answer: C

2. Fill in the blank with the most suitable preposition.
   The plane flew _____ us.
   A. by
   B. on
   C. beyond
   D. over
   Answer: D

3. Replace the underlined word in the following sentence with the most suitable option.
   It was time to <u>be stood</u> on her own two feet.
   A. stood
   B. stand
   C. be standing
   D. standing
   Answer: B

4. Fill in the blank with the correct tense of the verb in the following sentence.
   Only if I had known about her intentions before, I _____ alert.
   A. would have been
   B. will had been
   C. will have been
   D. would had been
   Answer: A

5. The following question consists of a sentence that is either partly or entirely underlined and may or may not have a grammatical error. Below each sentence are four versions of the underlined part of the sentence. Choose the option that correctly rephrases the underlined part of the given sentence. Mark the answer as 'No Error' if there is no error in the underlined part.
   <u>*In consider the difficulties*</u> of his position, he has acted admiralty.
   A. Considering of the difficulties
   B. Considering to the difficulties
   C. In considering to the difficulties
   D. Considering the difficulties
   E. No error
   Answer: D

6. After carefully reading both the books, the editor and her colleague found that the only difference between *them were their names*.
   A. them were the names
   B. these was their names
   C. the books was their names
   D. the books were their names
   E. No error
   Answer: C

7. *John dropped his wallet coming out from the shop*.
   A. John dropped the wallet coming out from the shop
   B. While coming out of the shop, John dropped his wallet
   C. Wallet coming out of the shop was dropped by John
   D. While coming out of the shop, the wallet was dropped by John
   E. No error
   Answer: B

8. Choose the correct synonym for the following word.
   Expressive
   A. Garrulous
   B. Incoherent
   C. Articulate
   D. Verbose
   Answer: C

9. Choose the correct antonym for the following word.
   Chivalrous
   A. Virile
   B. Despicable
   C. Gallant
   D. Mannish
   Answer: B

10. Choose the correct antonym for the following word.
    Oblivion
    A. Alert
    B. Comely
    C. Indifferent
    D. Bijou
    Answer: A

11. Choose the correct spelling of the word to fill in the blank.
    The best part of my daily ____ is to wake up early.
    A. ruotene

B. routene
C. ruotine
D. routine
Answer: D

12. Rearrange the given phrases to form a complete sentence.
Note: The phrases numbered 1 and 6 are fixed.

1. Yet so few of us have
(A) walls of daily routine
(B) the time or the means
(C) that enclose our lives
(D) to break through the narrow
6. to get to know this land

A. BDCA
B. ABDC
C. BDAC
D. DBAC
Answer: C

13. Rearrange the given phrases to form a complete sentence.
Note: The phrases numbered 1 and 6 are fixed.

1. Effective writing involves
A. careful choice of words, their organization
B. in the correct order to
C. well as cohesive composition
D. form sentences, as
6. of sentences.

A. ABCD
B. ABDC
C. CDAB
D. BACD
Answer: B

Direction for questions 14 to 16: Read the following passage and answer the given question.
Paris was the undisputed capital of women's fashion from the 17th century until well into the 20th. Among 18th-century dress styles, the most typically French was the sack dress, also known as the robe àala française, which usually took the form of an open robe, with a joined bodice and skint that opened in front to reveal an underskirt or petticoat. Fashion in the 18th century was highly decorative and luxurious for both men and women. Fashionable Display was controversial, however, and moralists were scandalized by Bernard Mandeville's Fable of the Bess(1724), which argued that private vices might be public virtues. Taking an economic approach, Mandeville pointed

out that lavish spending on dress "trickled down" to employ numerous skilled artisans, such as tailors and embroiderers.

14. One of the claims made by Mandeville was that
    A. Paris was the world's fashion capital from 17th to 18th century
    B. The sack dress was the most popular dress in France in the 18th century
    C. Women's fashion was more luxurious than men's fashion
    D. Lavish spending on dress ultimately benefited many skilled artisans
    Answer: D

15. Why did Mandeville say 'private vices might be public virtues?
    A. To shame people into giving up their vices
    B. To justify the lavish spending on dresses
    C. To apologize for his bad habits
    D. To encourage people to donate money to the poor
    Answer: B

16. Which of the following is an assumption made by Mandeville in the last sentence of the passage?
    A. It made economic sense to spend lavishly as it helped the skilled artisans
    B. The employment of tailors and skilled artisans is not dependent on lavish spending on dresses.
    C. Skilled artisans belong to the low income groups
    D. Elaborate spending on dresses is justified as it helps the skilled artisans and tailors.
    Answer: A

17. Fill in the blanks with the most suitable option.
    If she _____ about the accident, she _____ visited you immediately.
    A. known, would
    B. knows, will
    C. knew, will have
    D. had known, would have
    Answer: D

Accenture Critical Reasoning and Problem Solving

1. Editor: I have received over five thousand letters and emails on the article that I wrote last week. Majority of those letters and emails support my viewpoint on the issue. These letters are, therefore, the testimonials that most of our readers have the same opinion on the issue as I do.
   Which of the following, if true, would weaken the editor's conclusion above?
   A. The issue was very important for the readers have a very objective opinion about the issue
   B. Readers who agree with the editor's view feel more strongly about the issue than those who disagree with him.
   C. Readers who agree with the editor are more likely to write to him than those who disagree with him.
   D. Those were other articles y the same editor which invited a lot of opinion of readers
   Answer: C

2. A food delivery company gained greater profits when it provided food delivery service in a city by following no-minimum order facility and by maintaining its own fleet of employees. Besides the commission it gets from restaurants, it charges no delivery charges for orders which are higher than a certain amount. Hoping to continue these financial trends, the company plans to start its operations in two new cities.
   The plan of the food delivery company as described above directly assumes all of the following EXCEPT:
   A. The demand for food delivery service in the new cities will increase in future.
   B. Expanding into markets will compensate for any new expenses the company incurs.
   C. In the new cities, the company will be able to deliver food faster than the food delivery companies existing in those cities.
   D. The company can find enough number of partner-restaurants in the new cities to earn more than what is needed to meet the fixed expenses it has to earn.
   Answer: C

3. In a row of 50 girls, Amy was made to sit 20 places to the right of Rose and Peter sat 20 places to the left of Emma. If Emma was thirty sixth from the left and there were four people between Peter and Amy. What was the position of Rose in the row?
   A. 20th from the right end
   B. 25th from the left end
   C. 49th from the right end
   D. 1st from the left end
   Answer: C

4. In a row of friends, Tia occupies fifteenth place from the right end and Tina occupies twelfth place from the left end, respectively. Tristen is ninth on the left of Tia. If Tristen and Tia interchange their places, then Tristen occupies twentieth place from the left end. How many friends were there between Tristen and Tina originally?
   A. 15
   B. 12
   C. 0

D. 3
Answer: C

5. Five friends A, B, C, D and E, with different occupational backgrounds (Teacher, Doctor, Accountant, Businessman, Engineer) went for a conference. The doctor sat next to B. The engineer sat in between B and C. Neither A nor the accountant sat at any of the extreme ends. If D does not sit next to B, then which of the following is definitely sitting at one of the extreme ends?
   A. A
   B. B
   C. C
   D. D
   Answer: D

6. On a racing track, six players, U,V,W,X,Y and Z were positioned in such a way that U was to the left of Y and fourth to the left of X. W was in between and equidistant from Y and Z but Y is not adjacent to X. The winner was at the fourth section of the track from the left. Who was he?
   A. U
   B. Z
   C. W
   D. Z or W
   Answer: D

7. Pradhan, Qureshi, rastogi, sharma and talreja are students coming from gwalior, Bhopal, indore, Ujjain and guna not necessarily in that order. They have topped in different subjects among math, English, hindi, science and geography. The student from guna has topped in math, Qureshi comes from Ujjain and sharma from gwalior. The student from indore has not topped in science. Pardhan topped in science and Talreja in geography. From which city does the topper in English come from?
   A. Guna
   B. Gwalior
   C. Indore
   D. Ujjain
   Answer: B

8. There are six houses in a colony, such that 3 houses are in one row and the other 3 houses are in the opposite row. The three houses in a row are equidistant from each other. Each house is exactly opposite the house in the other row. Each house is painted with a different color from red, blue, green, yellow, pink and orange.
   1. Houses at the corner are not painted with blue and red color
   2. House painted with orange color is not opposite the house painted with green color
   3. Yellow and pink colored houses are not in the same row
   Which house is diagonally opposite the orange colored house?
   A. Green
   B. Yellow
   C. Pink
   D. Blue

Answer: A

9. Ranbir, Ranveer, Randheer, Ranjeet and Rajbeer maintain ranking for batting and bowling. The ranking was in descending order. Rajbeer, who was ranked first in batting, was last in bowling. Randheer had the same ranking in both and was just above Rajbeer in bowling. In batting, Ranbir was just above Ranjeet but in bowling, he was in the middle and he bowed after Ranveer. Who was ranked first as a bowler?
   A. Ranveer
   B. Randheer
   C. Rajbeer
   D. None of these
   Answer: D

10. Five friends, Jay, Raj, Shivansh, Monu and Mehul have different professions-Teacher, Singer, Police, Bank Manager and Actor. Each one wears different colors of ties-Yellow, Black, Grey, Green and orange though not respectively in the same order. Shivansh is an Actor but doesn't wear a Black or Orange colored tie. The person who is wearing Green colored tie is neither teacher nor police. Jay and Mehul are not Bank manager and they do not wear Yellow-colored tie. Grey colored tie is worn by Monu, who is neither a Singer nor a Bank Manager. Bank Manager wears a Green colored tie. Who is Bank Manager?
   A. Jay
   B. Raj
   C. Monu
   D. None of these
   Answer: B

11. Directions: The problem below consists of a problem followed by two statements.
   Decide whether the data in the statements is sufficient to answer the question. Select your answer depending upon whether the data provided in:
   (A) statement 1 alone is sufficient, but statement 2 alone is not sufficient to answer the question
   (B) statement 2 alones is sufficient, but statement 1 alone is not sufficient to answer the question
   (C) both statements taken together are sufficient to answer the question, but neither statement alone is sufficient to answer the question
   (D) each statement alone is sufficient to sufficient to answer the question
   (E) statements 1 and 2 together are not sufficient, and additional data is needed to answer the question
   Problem: Does the integer y have at least two different prime factors?
   Statement 1: y/10 is an integer.
   Statement 2: y/6 is an integer.
   A. A
   B. B
   C. C
   D. D

E. E
Answer: D

12. Taxi drivers need to remember a complex web of tens of thousands of streets whereas, bus drivers, who follow a constrained set of routes, need only a limited knowledge of the city's layout. It has been found that a part of the brain - the hippocampus - is much larger in the taxi drivers than that in the bus drivers with similar age and professional driving experience. The size of the hippocampus increases with years of professional driving experience only in the taxi drivers, and it shrinks back to the normal size when the taxi drivers retire.
If the facts stated in the passage above are true, which of the following cannot be concluded about the human brain?

A. The size of the hippocampus region of the brain decreases with advancing age.
B. The size of the hippocampus region is a function of the demands placed on spatial memory by navigating in a complex, large space.
C. At least some specific structural changes in an adult human brain can be induced by relevant environmental stimulation
D. Brain changes acquired through learning and practice might be reversed when the call on stored knowledge lessens.

Answer: A

13. It is the developed world that has the capability to combat climate change. It is these developed countries that have the research capabilities to come up with the necessary technology to make the economy greener, to produce renewable energy, to mitigate against the disasters. Moreover, these are the countries that have the finances available to fund these activities; not only funding the research looking for the solutions but also the financial resources to put them into action all around the world.
Which of the following conclusions can most properly be drawn from the information given above?
A. Developing countries turn to powerful financial centers in developed countries to finance large projects to mitigate climate change.
B. Only developed countries have the expertise to put new inventions and projects into practice to mitigate climate change.
C. Developed nations, with their resources, have an increased responsibility to mitigate climate change.
D. Developed nations must be the forerunners of initiatives to combat change.

Answer: C

14. Consider the following statements and determine which of the given conclusions follow.
Statement:
A. All good jumpers win.
B. All good jumpers eat well.
Conclusions:
I. All those who eat well are good jumpers.
II. All those who win eat well.

A. Only I follows
B. Only II follows
C. Either I or II follows
D. None follow

Answer: D

15. Consider the following statements and determine which of the given conclusions follow.

Statements:

A. No pencil is an eraser.
B. Pen is a pencil.

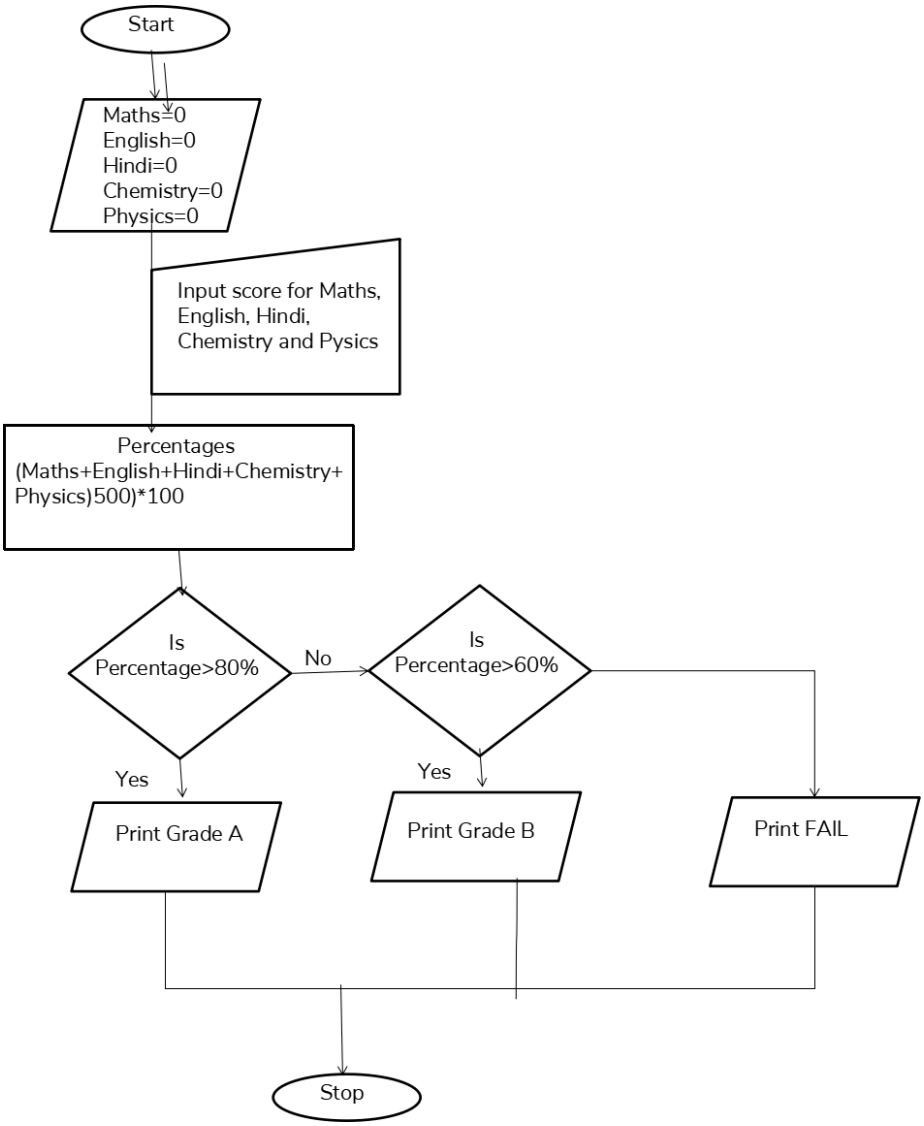
Conclusions:

I. Pen is not an eraser.
II. All pencils are not pens.

A. Only conclusion I follow
B. Only conclusion II follows
C. Either conclusion I or II follows
D. Neither conclusions I or II follow

Answer: A

16. Read the flowchart given below and answer the answer the question that follows:

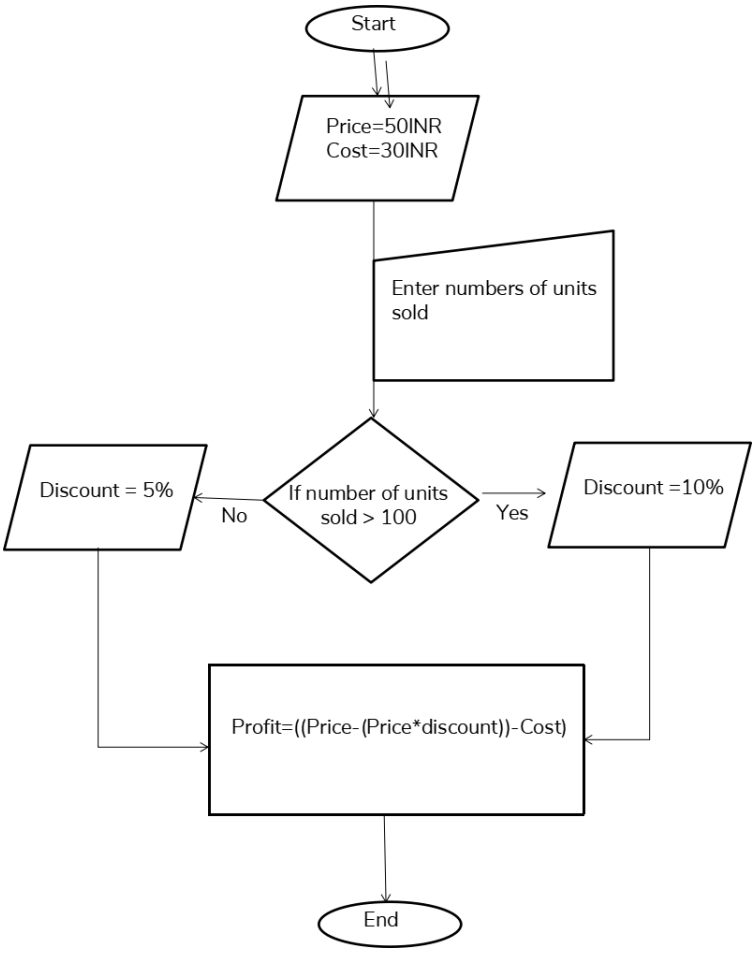


If a student has secured 57, 88, 69, 66 and 79 marks in all subjects what grade will he get?

A. Grade A
B. Grade B
C. Fail
D. Pass

Answer: B

17. Read the flowchart given below and answer the answer the question that follows



What is the total profit by selling 75 units of the product?

A. 1300.5
B. 1312.5
C. 1500.0
D. 187.5

Answer: B

Accenture Abstract Reasoning

1. If COOKER = +//2*5, ROOSTER = 5//$%*5, then what would be the equivalent of MOOSE most appropriately among the following?
   A. 0++$*
   B. 0//%*
   C. 5//$*
   D. 0//$*
   Answer: D

2. In a certain coding system 'BAT' is coded as 283 and 'CAT' is coded as 383; ARE is coded as 801. How will you code 'BETTER'?
   A. 213310
   B. 213301
   C. 123301
   D. 12334
   Answer: A

3. In a certain coding system 'BOOK' is coded as 'CNPJ'. How will you code 'MOON'?
   A. NMPN
   B. MPNN
   C. NNPM
   D. PNMN
   Answer: C

4. Find the odd word among the given options.
   A. Premeditated
   B. Rehearsed
   C. Spontaneous
   D. Calculated
   Answer: C

5. Find the odd word among the given options.
   A. Impassioned
   B. Vehement
   C. Emphatic
   D. Apathetic
   Answer: D

6. In this series, you will be looking at a letter pattern. Which of the given options should fill in the blank?
   TEJ, VLG, XIN, _____
   A. ZJO
   B. ZJK
   C. ZKO

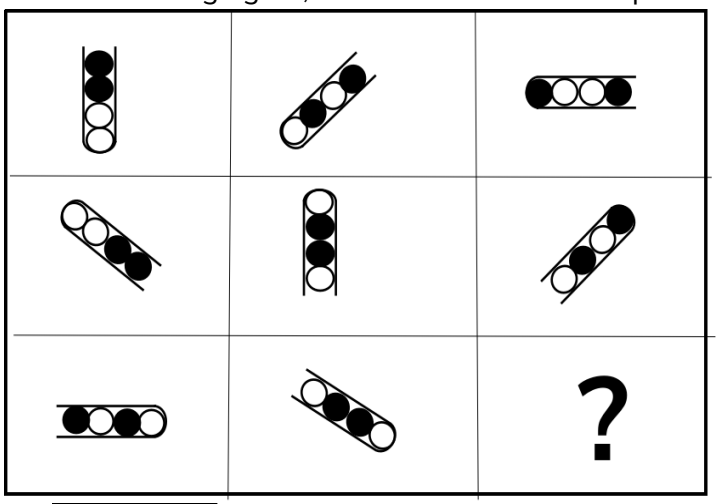
D. ZPK
Answer: D

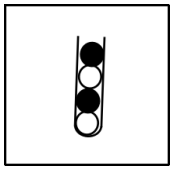
7. In this series, you will be looking at a letter pattern. Which of the given options should fill in the blank?
F03K, I04H, _____, O09B, R13Y
A. M06D
B. L05D
C. M05E
D. L06E
Answer: D

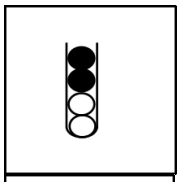
8. Which of the given options is the most suitable for completing the following series?
3,6,13,28,_____
A. 56
B. 57
C. 58
D. 59
Answer: D

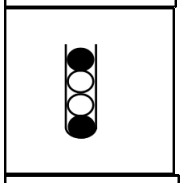
9. Which of the given options is the most suitable for completing the following series?
2,3,5,7,11,_____,17,19,23,29,31
A. 12
B. 13
C. 14
D. 15
Answer: B

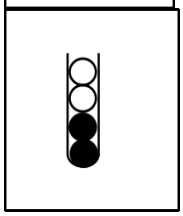
10. Find the missing figure, which follows the same pattern/rule and mark it as the answer:



A. 

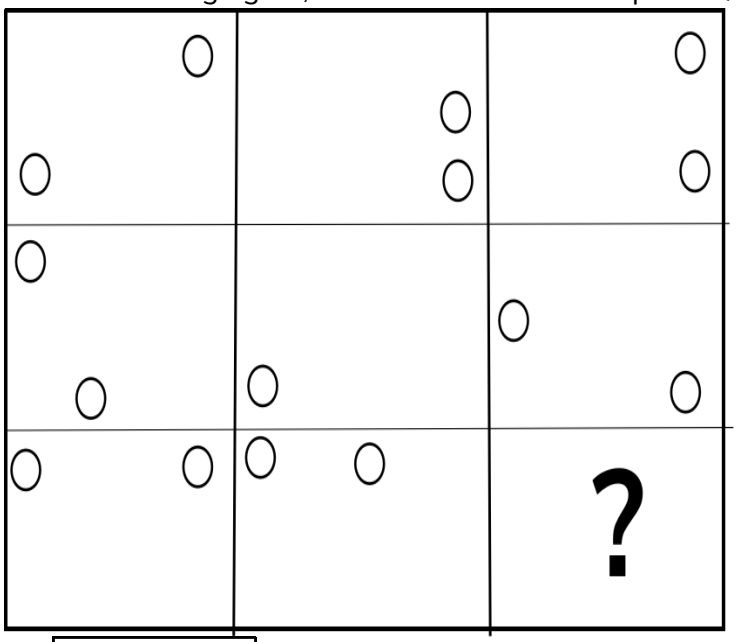
B. 

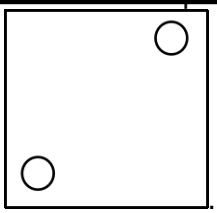
C. 

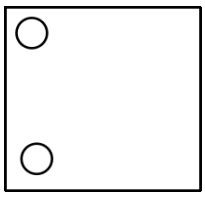
D. 

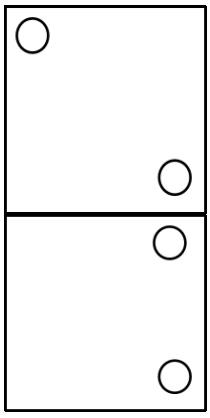
Answer: D

11. Find the missing figure, which follows the same pattern/rule and mark it as the answer.



A. 

B. 

C. 

D.

Answer: A

12. Mark the option that best completes the comparison.
    Dhaka : Bangladesh :: ? : France
    A. Seoul
    B. Oslo
    C. Berlin
    D. Paris
    Answer: D

13. Find the missing term in the series given below.
    5, 5, 6, 14, ?, 105
    A. 64.
    B. 41
    C. 43
    D. 49
    Answer: B

14. Find the missing term in the series given below:
    7, 7, 8, 12, ?, 37
    A. 64
    B. 49
    C. 43
    D. 21
    Answer: D

15. Mark the odd one out from the given options.
    A. Pig
    B. Hen
    C. Whale
    D. Cow
    Answer: C

Accenture Pseudocode

1. Consider a program that prints fibonacci series. The program takes the number of elements in the series as input from the user. Which of the following pseudocodes will print the series as required?

A.

```
FUNCTION PrintFibonacci(Integer NumTerms)
Integer Term1, Term2, NextTerm
SET Term1=0
SET Term2=1
FOR Term=Term1 TO NumTerms STEP 1 DO
IF Term<=1 THEN
SET NextTerm = Term
ELSE
NextTerm = Term1+Term2
Term1=Term2
Term2=NextTerm
END IF
Print NextTerm
END FOR
END FUNCTION

PROGRAM START
Integer NumTerms
GET NumTerms
CALL PrintFibonacci(NumTerms)
STOP
```

B.

```
FUNCTION PrintFibonacci(Integer NumTerms)
Integer Term1, Term2, NextTerm
SET Term1=0
SET Term2=1
SET NextTerm = Term1+Term2
FOR Term=Term1 TO NumTerms STEP 1 DO
Print NextTerm
Term1=Term2
Term2=NextTerm
NextTerm = Term1+Term2
END FOR
END FUNCTION

PROGRAM START
Integer NumTerms
GET NumTerms
CALL PrintFibonacci(NumTerms)
STOP
```

C.

```
FUNCTION PrintFibonacci(Integer NumTerms)
SET Term1=0
SET Term2=1
FOR Term=Term1 TO NumTerms STEP 1 DO
IF Term<=1 THEN
SET NextTerm = Term
ELSE
Next Term = Term1+Term2
Term1=Term2
Term2=NextTerm
END IF
Print NextTerm
END FOR
END FUNCTION

PROGRAM START
GET NumTerms
PrintFibonacci(NumTerms)
STOP
```

D.

```
FUNCTION PrintFibonacci(Integer NumTerms)
Integer Termi, Term2, NextTerm
SET Term1=0
SET Term2=1
FOR Term=Term1 TO NumTerms STEP 1 DO
IF Term<=1 THEN
SET NextTerm = Term
ELSE
Terml=Term2
Term2=NextTerm
NextTerm = Term1+Term2
END IF
Print NextTerm
END FOR
END FUNCTION

PROGRAM START
Integer NumTerms
GET NumTerms
CALL PrintFibonacci (NumTerms)
STOP
```

Answer: A

2. What will be the content of the stack after execution of the following code?

```
Create a stack
Push 1 on to the stack
Push 2 on to the stack
Push 3 on to the stack
pop from the stack
pop from the stack
Push 4 on to the stack
Push 5 on to the stack
Push 6 on to the stack
pop from the stack
Push 7 on to the stack
pop from the stack
pop from the stack
pop from the stack
```

A. 1
B. 1, 7
C. 7
D. 1, 6, 7

Answer: A

3. Which of the following is correct pseudocode using case statement for the given statement?

```
READ marks
If marks >= 100 Then
Print "Perfect Score"
ElseIf marks > 89 Then
Print "Grade = A"
ElseIf marks > 79 Then
Print "Grade = B"
ElseIf marks > 69 Then
Print "Grade - C"
ElseIf marks > 59 Then
Print "Grade = D"
Else
Print "Grade = F"
End If
```

A.
```
READ marks
Case based on marks
Case >=100
Print "Perfect Score"
Case > 89
Print "Grade = A"
Case > 79
Print "Grade = B"
Case > 69
Print "Grade = C"
Case > 59
Print "Grade = D"
Else
Print "Grade = F"
End Case
```

B.
```
READ marks
Case based on marks
Case >=100
Print "Perfect Score"
Case > 89
Print "Grade = A"
Case > 79
Print "Grade = B"
Case > 69
Print "Grade = C"
Case > 59
Print "Grade = D"
Else
Print "Grade = F"
End IF
```

C. Take marks as an input from user and store in marks
```
Case based on marks
Case >=100
Print "Perfect Score"
Case > 89
Print "Grade = A"
Case > 79
Print "Grade = B"
Case > 69
Print "Grade = C"
Case > 59
Print "Grade = D"
Default
Print "Grade = F"
End Case
```

D.

```
READ marks
Case based on marks
If marks >=100
Print "Perfect Score"
If marks > 89
Print "Grade = A"
If marks > 79
Print "Grade = B"
If marks > 69
Print "Grade = C"
If marks > 59
Print "Grade = D"
Else
Print "Grade = F"
End Case
```

Answer: D

4. Which of the following is the pseudocode for taking three numbers as input and printing the biggest number?

A.

```
READ x
READ y
READ z

If x > y OR
If x > z Then
Print z
Else
Print y
End If
Else
Print x
End If
```

B.

```
READ x
READ y
READ z

If x > y Then
If x > z Then
Print x
Else
Print z
End If
Else
Print y
End If
```

C.

```
READ x
READ y
READ z

If x > y OR
If x > z Then
Print z
Else
Print x
End If
Else
If y > z Then
Print z
Else
Print y
End If
End If
```

D.

```
READ x
READ y
READ z

If x > y Then
If x > z Then
Print z
Else
Print x
End If
Else
If y > z Then
Print z
Else
Print y
End If
End If
```

Answer: B

5. How many times the while loop will be executed for N= 8?

```
1 SET even = total = 0;
2 READ N
3 WHILE even <= N
4 total = total + even;
5 even = even + 2;
6 ENDWHILE
7 PRINT total
```

A. 4
B. 8
C. 5
D. 9

Answer: C

6. Provide sample pseudocode for performing an operation, multiple times, but declared only Once. A function routine is needed for calculator purpose.

A.

```
1 function addNumbers(int numone, int numTwo) returns result{
2   return (numOne + numTwo);
3 }
4 function subNumbers(...) {.....}
5 addedValue = addNumbers (10,50);
6 addedValue = addNumbers(123,49341);
7 .......
```

B.

```
1 function addNumbers(int numOne, int numTwo) returns result{
2   return (numOne + numTwo);
3 }
4 function subNumbers(...) {.....}
```

C.

```
1 function addNumbers(int numOne, int numTwo) returns result{
2 }
3 function subNumbers(...) {.....}
4 addNumbers(10,50);
5 addNumbers(123,49341);
6 .......
```

D.

```
function addNumbers(int numOne, int numTwo) returns result{
}

addedValue = addNumbers(10,50);
addedValue = addNumbers(123,49341);
.......
```

Answer: A

7. What structure does the following pseudo code belong to?

```
get sequence
get another sequence
iterate sequence 1
  for each iteration of sequence 1 iterte sequence 2
```

A. decision
B. sequence
C. nested
D. loop

Answer: C

8. What will be the output of the following code?

```
numbers = {1,2,3,4,5,5,6}
int num1 = numbers.size() - 1;
int num2 = 0;
for(each number){
  add number to num2 and assign again to num2
}
int num3 = num2 - (num1* (num1+1)/2);
return num3;
```

A. 26
B. 5
C. 7
D. 21

Answer: B

9. What will be the output of the following code?

```
Integer pp, qq, rr
Set pp=3, qq=5, rr=10
 for (each rr from 4 to 5)
   if((5-rr+pp)>(pp+qq))
     Jump out of the loop
   End if
   pp=qq+rr
   qq=rr+pp
End for
Print pp+qq
```

A. 41
B. 45
C. 37
D. 55

Answer: A

10. What will be the output of the following code?

```
Integer a,b,c
Set a=3, b=2, c=4
c=(c&3)+b
if((9&a)<(c^9))
    c=(a+c)+b
Else
    a=3+b
    a=(11+1)+c
    if((c-a+b)<(b-c))
        b=(7+1)+b
        b=10+c
    End if
    b=(b^a)+b
End if
Print a+b+c
```

Note:
&: bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.
^ is the bitwise OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0 and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

A. 28
B. 3
C. 21
D. 12

Answer: D

11. What will be the output of the following code?

```
Integer a,b,c
Set a=8, b=4, c=4
for(each c from 2 to 3)
        b=c+b
        if((a+9)<(9-a))
              Continue
        Else
              Jump out of the loop
        End if
        b=(2+8)+a
End for
Print a+b
```

Note: Continue: When a continue statement is encountered inside a loop, control jumps to the beginning of the loop for next iteration, skipping the execution of statements inside the body of the loop for the current iteration.

A. 14
B. 7
C. 19
D. 25

Answer: A

12. What will be the output of the following code?

```
Integer a,b,c
Set a=1, b=7, c=10
if(b>a)
        c=2&a
End if
if((a&c&b)<(c+b-a))
        c=(a^6)^c
End if
Print a+b+c
```

Note- & bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result is set to 1. Otherwise, the corresponding result bit is set to 0.

^ is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0, and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

A. 29
B. 20
C. 15
D. 12

Answer: C

13. What will be the output of the following code?

```
Integer p,q,r
Set p=7, q=4, r=9
p=(p+r)^q
if((p&7)+(7+9)>(p+q^r))
        q=q&q
         r=r^q
         p=4+r
End if
Print p+q+r
```

Note- & bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result is set to 1. Otherwise, the corresponding result bit is set to 0.
^ is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0, and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

A. 46
B. 41
C. 25
D. 34

Answer: D

14. What will be the output of the following pseudo code for a=1, b=3, c=4?

```
Integer funn(Integer a, Integer b, Integer c)
    for (each c from 5 to 8)
       if((c^b^a)<(a^c))
            Jump out of the loop
       End if
       a=(a+3)+a
       b=3+c
   End for
   return a+b
```

Note: ^ is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0, and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

A. 36
B. 17
C. 26
D. 22

Answer: D

15. What will be the output of the following pseudo code a=5, b=5, c=5?

```
Integer funn(Integer a, Integer b, Integer c)
  if((c&a)<a && (a^b)<b)
    c=(a^2)+b
  End if
  return a+b+c
```

Note- &&: logical AND - The logical AND operator (&&) returns the Boolean value true (or 1) if both operands are true and return false (or 0) otherwise.
& bitwise AND - The bitwise AND operator (&) compares each bit of the first operand to the corresponding bit of the second operand. If both bits are 1, the corresponding result is set to 1. Otherwise, the corresponding result bit is set to 0.
^ is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0, and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

A. 14
B. 27
C. 22
D. 15

Answer: D

16. What will be the output of the following code?

```
Integer a,b,c
Set a=7, b=2, c=8
if((b^a)<a && (2^7)c)
    a=b+c
Else
    c=(4+12)+a
    b=11+a
End if
Print a+b+c
```

Note- &&: logical AND - The logical AND operator (&&) returns the Boolean value true (or 1) if both operands are true and return false (or 0) otherwise.
^ is the bitwise exclusive OR operator that compares each bit of its first operand to the corresponding bit of its second operand. If one bit is 0, and the other bit is 1, the corresponding result bit is set to 1. Otherwise, the corresponding result bit is set to 0.

A. 18
B. 20
C. 23
D. 30

Answer: B

17. Consider the following pseudocode:

```
START
Integer A, B, C, Result
Get A, B, C
IF NOT (NOT1. (A>B) AND NOT (NOT(A>C)) THEN
SET Result = A
ELSE
IF NOT (NOT (B>A) AND NOT (NOT B>C) THEN
SET Result = B
ELSE
SET Result = C
END IF
END IF
Print 'The result is' ,Result
STOP
```

a. What is the result that the program is trying to output in this code when three numbers are input?
b. What will be printed when the input given to the program is 10,20,5?

A. a. The program prints the numbers which will be found in the middle when the three numbers are sorted.
b. The output will be 'The result is 10'
B. a. The program prints the largest among the three numbers input
b. The output will be 'The result is 20'
C. a. The program prints the second smallest among the three numbers input
b. The output will be 'The result is 10'
D. a. The program prints the smallest among the three numbers input
b. The output will be 'The result is 5'

Answer: B

18. In any application like Ola, up to a certain kilometre, a fare is calculated. After that, for each kilometre, the additional fare is calculated. Choose an option that contains a sample snippet of code.

A.

```
Start
let user_travelled = 50 kms
Let base kilometer = 5 kms
Diff_kilometer = user_travelled - base_kilometer
basePrice = 40
for (int i = diff_kilometer ; i < user_travelled ;1++) {
basePrice +=7;
}
Print(basePrice)
Stop
```

B.

```
1 Start
2 let user_travelled = 50 kms
3 let base kilometer = 5 kms
4 diff_kilometer = user_travelled - base_kilometer
5 basePrice = 40;
6 for (int i = diff_kilometer ; i < user_travelled)
7 basePrice += 7;
8 print(basePrice)
9 stop
```

C.

```
1 Start
2 let user travelled = 50 kms
3 let base kilometer = 5 kms
4 diff_kilometer = 0;
5 basePrice = 0;
6 for (int i = diff_kilometer ; i < user_travelled ;I++) {
7 basePrice += 7;
8 }
9 print(basePrice)
10 Stop
```

D.

```
1 Start
2 let user travelled = 50 kms
3 let base kilometer = 5 kms
4 diff_kilometer = user_travelled - base_kilometer
5 basePrice = 40;
6 for (int i = 0 ; i < user_travelled ;I++) {
7 basePrice += 7;
8 }
9 print(basePrice)
10 Stop
```

Answer: D

Accenture Common Applications and MS Office

1. What does the formula **=LEN("I love Mettl")** will return?
   A. Name Error
   B. Reference Error
   C. 12
   D. 10

2. Which of the following functions will you use to extract the month from a date given in a cell in MS Excel?
   A. CURRENTMONTH()
   B. DATE()
   C. DAY()
   D. MONTH()

3. If you want that all the numbers between the 0 and 50 in a range should be displayed in blue color. you should perform which of the following operations?
   A. Select the numbers in range from 0 to 50 color it blue
   B. Use If function
   C. Apply conditional formatting
   D. All of the given options

4. Consider the following table. You have used the following formula for it.

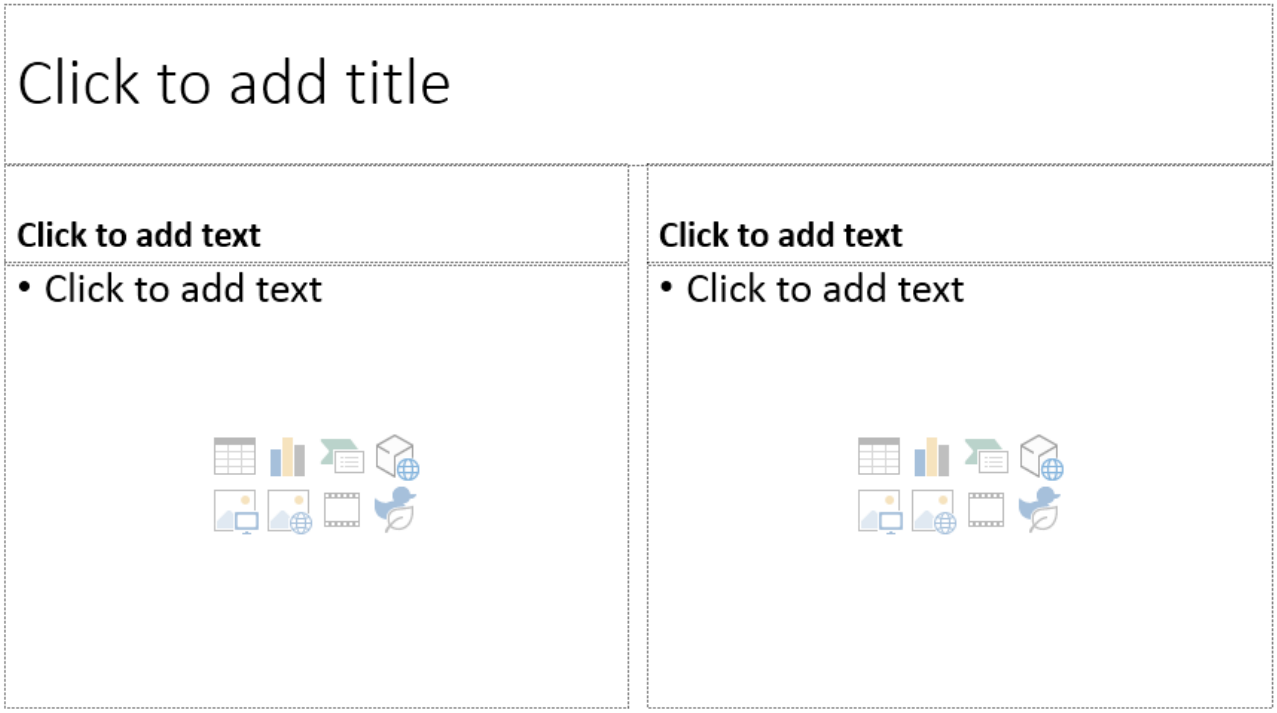
A	B	C	D	E	F	G	H
Name	Feb	March	April				
James	34000	763211	23411		Name	Burrow	
Jac	3200	22400	12853		Month	March	
Jacob	26000	3200	47204		Sales		
Burrow	43000	12300	853902				
Colby	64300	3200	934402				
Kyle	1200	32567	928382				

   =VLOOKUP(G2, data, MATCH(G3 months,0),0)

   When would you use MATCH function and what is its replacement?

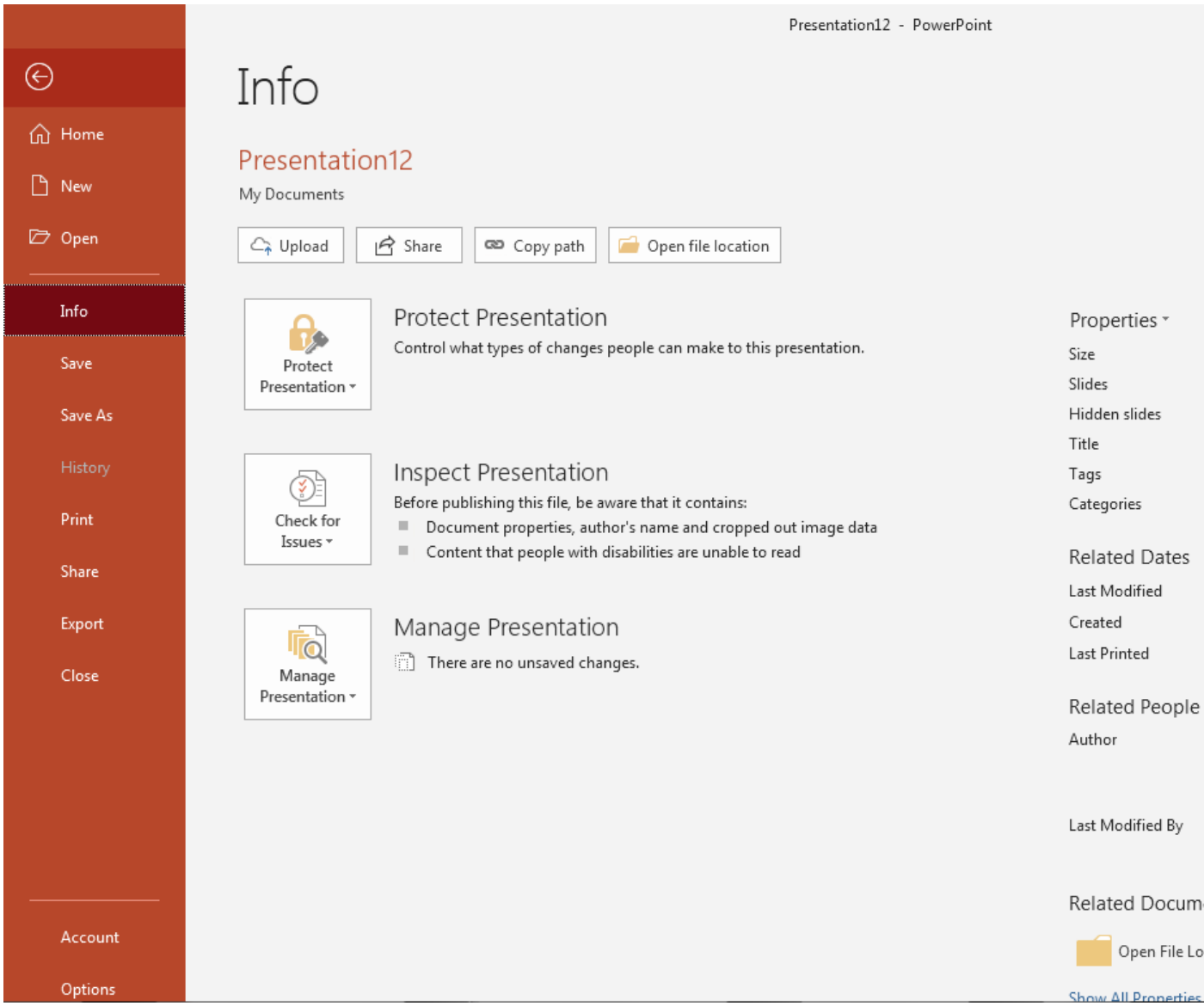
   A. MATCH is used to match an additional element (month)
      You can use INDEX in place of MATCH.
   B. MATCH is used to match the VLOOKUP data with G2.
      There is no replacement of MATCH
   C. MATCH is used to match the VLOOKUP data with G2.
      You can use INDEX in place of MATCH

5. Which of the given options tells the purpose of the PowerPoint layout given below?



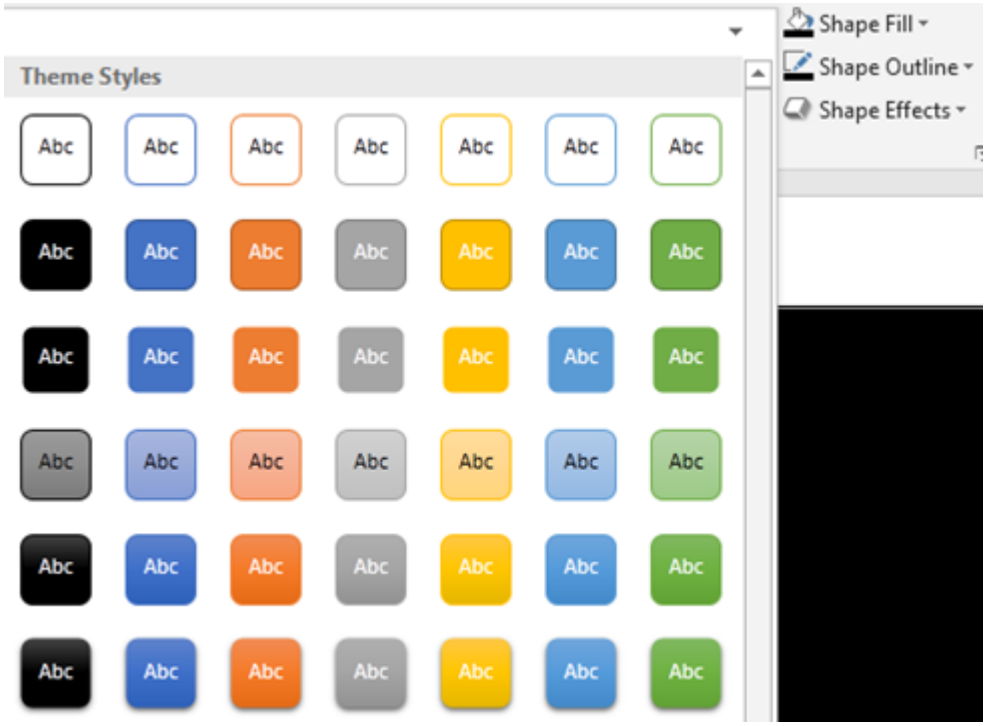
A. Comparison
B. Two content
C. Content with caption
D. Picture with caption

6. Identify the view type in MS Powerpoint which will lead to the screen given below.



A. Slide Show View
B. Normal View
C. Outline View
D. Backstage View

7. Consider a scenario in which you have a flowchart in your slide that has different themes for the various shapes in the flow chart. Which tab will have different theme styles?



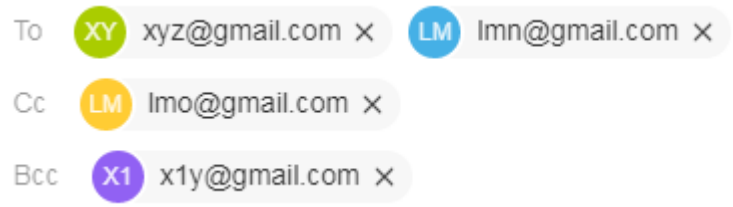
A. Design Tab
B. Animation Tab
C. Insert Format Tab
D. Drawing Tools Format Tab

8. Consider the following lines of text.
1)Good morning
2)Welcome to the MS-word
3)Promote and demote list item
Which of the following option in MS Word is used to move the text "Welcome to the MS-word" to one level right?
Assume that, the cursor is before the letter "W".
A. tab
B. Shift + tab
C. Alt + Shift + UpArrow
D. Alt + tab

9. What is the purpose of the icon shown in the image below?

This icon is available in the Layout tab ("Page Layout' tab in the previous version) of MS Word.
A. To change the page size
B. Align the edges of multiple selected objects
C. To change the character attributes
D. To change the orientation of the document to Landscape or Portrait

10. An email needs to be sent to the people mentioned in the screenshot given below.



Select the incorrect statement from the given options

A. x1z@gmail.com can be seen as a recipient by other recipients
B. xyz@gmail.com can be seen as a recipient by other recipients.
C. lmn@gmail.com can be seen as a recipient by other recipients.
D. lmo@gmail.com can be seen as a recipient by other recipients.

11. If you are in the Cached Exchange mode and have a poor network connection, then how are incoming messages downloaded?
A. The contents of the messages are downloaded first, followed by the headers.
B. Only the contents of the messages are downloaded.
C. The headers are downloaded first, followed by the contents of the messages.
D. Only the headers will be downloaded

12. Joe is working on an application project which can be used to edit texts, format, input pages or prepare a report, and can also save and print the entire document. Which of the given applications is the one related with the above mentioned scenario?
A. Data Management
B. Word Processing
C. Operating System
D. Managing System

Accenture Fundamentals of Networking, Security and Cloud

1. Which of the following statements are true?
   Statement I: Broad Network Access allows the use of heterogeneous clients.
   Statement II : Broad Network Access allows customer to use resource without the knowledge of exact location of the resource.
   Statement III : Resource pooling allows user to provide to multiple clients using the same physical equipment
   A. All the statement are true
   B. Except statement II, all are true
   C. Only statement II and III are true
   D. Except statement I, all are true

2. Which of the following cloud service provider does not provide the following services?
   a. File Storage
   b. In-Memory Database
   c. Disaster Recovery
   d. Archive/Backup
   A. Azure
   B. Google Cloud
   C. AWS
   D. All of the mentioned options

3. Which of the following is/are important for serving time sensitive manufacturing application?
   A. None of the mentioned options
   B. Latency
   C. both Network bandwidth and latency
   D. Network bandwidth

4. Which of the following is/are the common steps performed in every round during encryption and decryption?
   A. Inverse mix columns
   B. Add round key
   C. Inverse shift rows
   D. Substitute bytes

5. What is the size in bytes of Group Temporal Key in case of CCMP?
   A. 5
   B. 32
   C. 13
   D. 16

6. Which of the following function for collision avoidance before transmission is optional?
   A. both Distributed Coordination Function and Point Coordination Function
   B. Point Coordination Function

C. None of the mentioned options
D. Distributed Coordination Function

7. Which of the following is/are the applications of ssh-keygen?
   A. Authenticating hosts
   B. All of the mentioned options
   C. Single sign-on
   D. Automated logins

8. Which of the following options is correct based on the below statements?
   Statement I : SSH keys can be used to hide backdoors.
   Statement II : SSH keys are changed on regular basis.
   Statement II: SSH keys cannot be kept offline.
   Statement IV : SSh keys replaced the insecure .rhosts authentication that was vulnerable to active network-level attacks.
   A. Except Statement III, all are true
   B. Only I and IV are true
   C. All Statements are true
   D. Except Statement II, all are false

9. Which of the following is considered as the unsolicited commercial email?
   A. Virus
   B. Malware
   C. Spam
   D. All of the above

10. Which of the following has many features that are now known as cloud computing?
    A. Web Service
    B. Softwares
    C. All of the mentioned
    D. Internet

Accenture Coding

1. Edward's Birthday

Problem statement
It is Edward's birthday today. His friends have bought him a huge circular cake.
Edward wants to find out the maximum number of pieces he can get by making exactly N straight vertical cuts on the cake.
Your task is to write a function that returns the maximum number of pieces that can be obtained by making N number of cuts.

Note: Since the answer can be quite large, modulo it by 1000000007

Input Specification:
input1: An integer N denoting the number of cuts

Output Specification:
Return the maximum number of pieces that can be obtained by making N cuts on the cake
Example:

Input	Output	Explanation
1	2	Given the above scenario, if we make 1 cut on the cake, the maximum number of pieces of cake we obtain is 2 and 2%1000000007=2. Hence, 2 is returned as output.
5	16	Given the above scenario, if we make 5 cuts on the cake, the maximum number of pieces of cake we obtain is 16 and 16% 1000000007=16. Hence, 16 is returned as output.

Code Solution in Python

```
class Solution:
    def maximumCuts(self, n):
        M = 1000000007
        num=((n*(n+1))//2) +1
        return num % M


if __name__ == '__main__':
    n = int(input())
    ob = Solution()
    ans = ob.maximumCuts(n)
```

```
    print(ans)
```

Code Solution in JAVA

```
import java.util.*;
import java.lang.*;
import java.io.*;

class Main
{
        public static void main (String[] args) throws IOException
        {
          Scanner sc = new Scanner(System.in);
     int n = sc.nextInt();
     Solution ob = new Solution();
     System.out.println(ob.maximumCuts(n));
   }
}

class Solution
{
   static long maximumCuts(int n)
   {
      long M = 1000000007;
      if(n==1 )
      {
         return 2;
      }

      if(n==0)
      {
         return 1;
      }

       return (n + maximumCuts(n-1))%M;
   }
}
```

Code Solution in C++

```
 #include<bits/stdc++.h>
using namespace std;

        int maximumCuts(int n){
           const unsigned int M = 1000000007;
            int sum=1;
            while(n!=0)
```

```
        sum+=n--;
        return sum%M;
    }

int main(){

            int n;
            cin >> n;
            int ans = maximumCuts(n);
            cout << ans <<"\n";
    return 0;
}
```

Code Solution in C

```
#include<stdio.h>

    int maximumCuts(int n){
        const unsigned int M = 1000000007;
        int sum=1;
        while(n!=0)
        sum+=n--;
        return sum%M;
    }

int main(){
    int n;
            scanf("%d",&n);
            int ans = maximumCuts(n);
            printf("%d\n",ans);
    return 0;
}
```

2. Regions on a Plane

Problem statement

Mr. Professor is a great scientist, but he is not able to find a solution to one problem. There are N straight lines that are not parallel, and no three lines go through the same point. The lines divide the plane into M regions. Write a function to find out the maximum number of such regions he can get on the plane.

Input Specification:

input1: An integer N representing the number of straight lines (0 <=N<= 100)

Output Specification:

Return the maximum number of regions

Example:

Input	Output	Explanation
2	4	Given the above scenario, 2 lines divide the plane into 4 regions. Therefore, 4 is returned as the output.
3	7	Given the above scenario, 3 lines divide the plane into 7 regions. Therefore, 7 is returned as the output.

Code Solution in Python

```
 class Solution:
    def maxRegions(self, n):
        num = n * (n + 1) // 2 + 1
        return num


if __name__ == '__main__':
    n = int(input())
    ob = Solution()
    ans = ob.maxRegions(n)
    print(ans)
```

Code Solution in JAVA

```
  import java.util.*;
import java.lang.*;
import java.io.*;

class Main
{
          public static void main (String[] args) throws IOException
          {
            Scanner sc = new Scanner(System.in);
      int n = sc.nextInt();
      Solution ob = new Solution();
      ob.maxRegions(n);
    }
}

class Solution
{
```

```
    public static void maxRegions(int n)
   {
      int num;
      num = n * (n + 1) / 2 + 1;
      System.out.println(num);
   }

}
```

Code Solution in C++

```
 #include<bits/stdc++.h>
using namespace std;

  void maxRegions(int n)
{
   int num;
   num = n * (n + 1) / 2 + 1;
   cout << num;
}

int main(){
                    int n;
                     cin >> n;
                     maxRegions(n);
          return 0;
}
```

Code Solution in C

```
#include<stdio.h>

 void maxRegions(int n)
{
   int num;
   num = n * (n + 1) / 2 + 1;
   printf("%d",num);
}

 int main()
 {
          int n;
          scanf("%d",&n);
           maxRegions(n);
          return 0;
 }
```