Accenture Test 3

Test Summary
- No. of Sections: 4
- No. of Questions: 80
- Total Duration: 80 min

Section 1 - Quantitative

Section Summary
- No. of Questions: 20
- Duration: 20 min

Additional Instructions:
None

Q1.   A batsman makes a score of 87 runs in the 17th match and thus increases his average by 3. Find his average after 17th match

36
37
38
39

Q2. $ax^2+bx+c = 0$ has two roots x1 and x2. If mode x1 = mode x2, then

A>C
B > C
C < A
NONE

Q3.   Marked price of an item is Rs 900. On purchase of 2 items discount is 6%, on purchase of 3 items discount is 12%. Rajani buys 5 items, what is the effective discount?

12.5%
10%
6.6%
9.6%

Q4.   Two buses start from a bus terminal with a speed of 20 km/h at interval of 10 minutes. What is the speed of a man coming from the opposite direction towards the bus terminal if he meets the buses at interval of 8 minutes?

A.

3km/hr
4km/hr
5km/hr
7km/hr

Q5.   Two persons X and Y start simultaneously from A and B and walk towards each other. They meet after 1/2 hour and continue to walk towards their destination. If X reaches 25 minutes after Y reached the destination, find the ratio of their speeds.

3/7
7/3
2/3

2/7

Q6.　　　The Range of the function f(x) = (x - 2) / (2 - x) is..

1 TO INFINITY

-1 TO 1

1 TO 0

NONE OF THE ABOVE

Q7.　　　A certain quantity of water is mixed with milk priced at Rs 12 per litre. The price of mixture is Rs 8 per litre. Find out the ratio of water and milk in the new

3:2

1:2

1:5

4:5

Q8.　　　From a vessel of 20 liters pure milk, 1 liter is taken out and replaced with water, so as to keep the volume constant to 20 liters. This process is repeated 5 tim

77.378

67.378

57.378

31.378

Q9.　　　30 litres of a mixture of milk and water contains 10% of water, the water to be added, to make the water content 25% in the new mixture. Find how many litres wate

3

4

5

6

Q10.　　　find the number of value of x where (2x+9)^2/(x+3) value

is the integer?

2

4

6

INFINITY

Q11.　　　From two places, 60 km apart, A and B start towards each other

at the same time and meet each other after 6 hour.

If A traveled with 2/3 of his speed and B traveled with

double of his speed, they would have met after 5 hours.

The speed of A is?

4km/hr

6km/hr

10km/hr

12km/hr

Q12.　　　25000 students appeared in an exam. 60% of the boys and 40% of the girls cleared the examination. If the total percent of students qualifying is 55%, how　　gir

6250
4560
5430
7540

Q13. RS 600 is divided among 3 persons(A,B,C). So that RS 40 is more than that of 4/5 of A's share and RS 20 is more than that of 2/7 of B's share and RS 10 is more than that of 9/7 of C's share may be equal. Find shares of A's?

150
270
170
200

Q14. Average of age 3 men l, m and n is 48 years. another man o joins the group and the average becomes 44 years. if another man p whose age is 3 years more than that of o replaces l. then the average age of m, n, o and p becomes 43 years then the age of l is

36
39
34
38

Q15. If two fair dice are thrown simultaneously. then what is the probability that sum of the numbers appearing on the top faces of the dice is less than 4?

1/12
6/14
3/18
3/4

Q16. The average age of the mother and
her six children is 12 years which is reduced by 5 years
 if the age of the mother is excluded. How old is the mother

40
41
42
43

Q17. In a class, 30% of the students offered English, 20% offered Hindi and 10% offered both. If a student is selected at random, what is the probability that he has o

2/5
3/4
3/5
1/3

Q18. Atul travels from Mumbai to Delhi in Rajdhani express at the

speed of 15kmph, train starts at 5am. Likewise,Sam travels

from Mumbai to Delhi in Mumbai express at the speed of 20kmph,

train starts at 7am.

At what time both train will meet each other???

1pm

12:30pm

1:45pm

1:15pm

Q19.　　A vessel contains 120 litres of juice. 20% of the juice is taken out and the same is repeated two more times. Water of the amount equal to the juice taken out is mixed with the remaining juice in the vessel. what is the ratio of the juice and water in the vessel?

4/9

12/15

16/9

9/16

Q20.　　A training programme on Advertising is to be organized for 45 participants,

fee per participant being Rs.6,000 and the duration of course is 6 days.

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL TAJ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SIDEWAYS

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL RITZ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SAUSY

DATA INADEQUATE

Section 2 - Reasoning

Section Summary
- No. of Questions: 20
- Duration: 20 min

Additional Instructions:
None

Q1.　　A3P means A is the mother of P

2.A4P means A is the brother of P

3.A9P means A is the husband of P

4.A5P means A is the daughter of P

Which of the following means that K is the mother-in-law of M?

M9N3K4J

M9N5K3J

K5J9M3N

Q2.　　Dr. Narayan Shiva, Deputy Director is offering a programme on HRD with

a total fee of Rs.192,500 at the rate of Rs.5,500 per participant.

The duration of the course is 5 days

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL TAJ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SIDEWAYS

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL RITZ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SAUSY

DATA INADEQUATE

Q3.　　Unless boss is present employees don't work

(i) Boss is present
(ii) Boss is not present
(iii) Employee work
(iv) Employee don't work

(i) and (iv)

(ii) and (iii)

(iv) and (i)

Q4.   One morning after sunrise, Gopal was standing facing a pole. The shadow of the pole fell exactly to his right. Which direction was he facing?

South-East

South-West

North-West

North-East

Q5.   In a certain code 'INACTIVE' is written as VITCANIE. How is 'COMPUTER' written in that code?

UTEPMOCR

MOCPETUR

ETUPMOCR

PMOCRETU

Q6.   1.A3P means A is the mother of P

             2.A4P means A is the brother of P

             3.A9P means A is the husband of P

             4.A5P means A is the daughter of P

             Which of the following means that K is the mother-in-law of M?

M9N3K4J

M9N5K3J

K5J9M3N

K3J9N4M

Q7.   Mobile is charged, if power is off.
             (i) mobile is charged
             (ii) mobile is not charged
             (iii) power is off
             (iv) power is not off

(i)

(ii)

(iii)

(iv)

Q8.   If A is the brother of B; B is the sister of C; and C

             is the father of D, how D is related to A?

SON

DAUGHTER

COUSIN

CANNOT BE DETERMINED

Q9.   A's son B is married to C whose sister D is married to E
           the brother of B. How D is related to A?

sister

daughter in law

cousin

mother in law

Q10.   A man walks 10 km toward south and then turns to the right. After walking 5 km he turns to the left and walks 10 km. In which direction is he from the starting position?

West

South

North-East

South-West

Q11.   In a certain code, SIKKIM is written as THLJJL, how is TRAINING written in that code ?

SBQHOHOF

UQBOHIOF

UBQHOHOI

UQBHOHOF

Q12.   Unless boss is present employees don't work
            (i) Boss is present
            (ii) Boss is not present
            (iii) Employee work
            (iv) Employee don't work

(i) and (iv)

(ii) and (iii)

(iv) and (i)

Q13.   In a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that code ?

DPNCPX

CPNCPZ

DPNQXC

DPNCPX

Q14.   Choose the number which is different from others in the group

Potassium

Silicon

Zirconium

Germanium

Q15.   The following are the criteria for organizing the Training Programme of an Institute in different hotels.

            To organize the programme in Hotel Taj, the following criteria must be fulfilled.

            A. The programme coordinator should be of the rank of Deputy Director or Joint Director

B. The programme should be in one of these areas – HRD, Advertising, Computers or Statistics

C. The duration of a programme should not be more than 7 days

D. The fee per participant should be not less than Rs.5,000

E. The number of participants should be at least 50

If all other criteria are fulfilled except

I. The duration of the course is more than 7 days the programme is to be organized in Hotel Ritz

II. The programme coordinator is of the rank of Assistant Director, but the fee per participant is more than Rs.7,000, the programme will be organized in Hotel Ta

III. The number of participants being less than 50 but more than 30, the programme will be organized in Hotel Sideways

IV. The fee per participant is less than Rs.5,000 but more than Rs.3,500, the programme should be organized in Hotel Sausy

V. The programme is in other than the area mentioned in B above, but the programme coordinator is of the Joint Director level, the programme should be organized i

Based on the above criteria and the information provided in each of the questions, decide about the appropriate course of action. You are not to assume anything o

A 5 days' training programme by Joint Director is to be organized in the field of Statistics. The total fee for the programme is Rs.2,10,000 for 50 participants.

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL TAJ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SIDEWAYS

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL RITZ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SAUSY

DATA INADEQUATE

Q16.   Sandhya walks straight from point A to B which is 2 kms away. She turns left, at 90 0 and walks 8 kms to point C, where she turns left again at 90 0 and walks 5 kms to point D. At D she turns left at 90 degree and walks for 8 kms to point E.What is the distance between A and E?

50 yards

40 yards

20 yards

10 yards

Q17.   In a certain code LEARNING is written as LGNINRAE. How will SURPRISE be written in that code?

ESRIPRUS

RUSEESIR

SESIRPRU

ESIRPRSU

Q18.   Either Susmit is happy or he met his girlfriend.
(i) Susmit is happy
(ii) Susmit is sad
(iii) Susmit met his girlfriend
(iv) Susmit didn't meet his girlfriend.

(i)

(ii)

(iii)

(iv)

Q19.   The following are the criteria for organizing the Training Programme of an Institute in different hotels.

To organize the programme in Hotel Taj, the following criteria must be fulfilled.

A. The programme coordinator should be of the rank of Deputy Director or Joint Director

B. The programme should be in one of these areas – HRD, Advertising, Computers or Statistics

C. The duration of a programme should not be more than 7 days

D. The fee per participant should be not less than Rs.5,000

E. The number of participants should be at least 50

If all other criteria are fulfilled except

I. The duration of the course is more than 7 days the programme is to be organized in Hotel Ritz

II. The programme coordinator is of the rank of Assistant Director, but the fee per participant is more than Rs.7,000, the programme will be organized in   Ta

III. The number of participants being less than 50 but more than 30, the programme will be organized in Hotel Sideways

IV. The fee per participant is less than Rs.5,000 but more than Rs.3,500, the programme should be organized in Hotel Sausy

V. The programme is in other than the area mentioned in B above, but the programme coordinator is of the Joint Director level, the programme should be organized i

Based on the above criteria and the information provided in each of the questions, decide about the appropriate course of action. You are not to assume anything o

Prof. V.D. Dixit, Assistant Director, has offered 4 days' programme for 60 participants in the area of HRD. The fee per participant is Rs.8,000.

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL TAJ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SIDEWAYS

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL RITZ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SAUSY

DATA INADEQUATE

Q20.   A training programme on Advertising is to be organized for 45 participants, fee per participant being Rs.6,000 and the duration of course is 6 days.

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL TAJ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SIDEWAYS

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL RITZ

IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SAUSY

DATA INADEQUATE

Section 3 - Verbal

Section Summary
- No. of Questions: 20
- Duration: 20 min

Additional Instructions:
None

Q1.   Hoping not to be disturbed, I sat down in my easy chair to read the book. I won as a prize.

I HAD WON AS PRIZE

I HAVE WON AS PRIZE

I HAD TO WIN AS A PRIZE

NO IMPROVEMENT

Q2.   In the question a part of the sentence is italicised. Alternatives to the italicised part is given which may improve the construction of the sentence. Select the

default

defict

scarcity

no improvement needed

Q3.   A Either Lisa or Karen B will always volunteer C their valuable D time to serve on our board. ENo error.

A

B
C
D
E

Q4.   Select the word or phrase which best expresses the meaning

of the given word: BLASPHEMOUS

Convict
Gather
impious
pious

Q5.   People with a floating vision acuity number cannot go for a laser eye treatment. For a successful surgery, the number should be..

FIXED
MOVING
CHANGE
NONE

Q6.   In the question a part of the sentence is italicised. Alternatives to the italicised part is given which may improve the construction of the sentence. Select the

got fined
fined
was to be fined
no improvement needed

Q7.   The company goes to great length to ensure that employees

can be comfortable in their work environment.

THAT ALL INDIAN CHILDREN
NO CHANGE
IF ALL THE CHILDREN OF INDIA
ALL INDIAN CHILDREN

Q8.   Specifically

INDIVIDUALLY
BROADLY
HARDLY
SEPARATELY

Q9.   Select the word or phrase which best expresses the meaning of the given word. :

OPALESCENT

IRIDESCENT
TRANSPARANT

TRANSLUCANT

POLLUTANT

GIVING OFF ON ODAUR

Q10.   UNIMPRESSIVE

BAD

RADIANT

EXPENSIVE

SPLENDID

Q11.   Select the word which is same in the meaning of the given
        word: GRUMBLE

kindness

overflow

restrain

bright

Q12.   ILLUSTRATIVE

PECTROAL

LITERAL

FIGURATIVE

SYMBOLIC

Q13.   Select the word which is same in the meaning of the given
        word: DAUNT

mean

social

nonsence

bandit

Q14.   JOY

Woe

sorrow

empathy

sympathy

Q15.   Select the word or phrase which best expresses the meaning of the given word. :

        GRATIFY

APPERCIATE

FRANK

INDULGE

PACIFY

Q16.   The conversation with her A mother had a more profound B affect

             on her C than D she expected. E No error.

A

B

C

D

E

Q17.   In the question a part of the sentence is italicised. Alternatives to the italicised part is given which may improve the construction of the sentence. Select the

cause

give

pose

no improvement needed

Q18.   In the question a part of the sentence is italicised. Alternatives to the italicised part is given which may improve the construction of the sentence. Select the

till i am invited

unless i am invited

if not i am invited

no improvement needed

Q19.   In the question a part of the sentence is italicised. Alternatives to the italicised part is given which may improve the construction of the sentence. Select the

out of these reasons

for these resons

by these resons

no improvement needed

Q20.   While we would like that all Indian Children to go to school, we need

             to ponder why they do not.

ERATICATED

HAD ERATICATED

DID ERATICATED

NO IM PROVEMENT

Section 4 - Coding

Section Summary
- No. of Questions: 20
- Duration: 20 min

Additional Instructions:
None

Q1.   Variable names beginning with underscore is not encouraged. Why?

It is not standardized

To avoid conflicts since assemblers and loaders use such names

To avoid conflicts since library routines use such names

- To avoid conflicts with environment variables of an operating system

Q2.   What is the output of this C code?

```
int x;
void main()
{
  printf("%d", x);
}
```

Junk value

Run time error

0

Undefined

Q3.   What is the output of this C code?

```
void main()
{
    int x = 4, y, z;
    y = --x;
    z = x--;
    printf("%d%d%d", x, y, z);
}
```

3 2 3

2 2 3

3 2 2

2 3 3

Q4.   Which of the following is a User-defined data type?

typedef int Boolean;

typedef enum {Mon, Tue, Wed, Thu, Fri} Workdays;

struct {char name[10], int age};

All of the mentioned

Q5.   What is the output of this C code?

```
int main()
{
    int x = 2, y = 2;
    x /= x / y;
    printf("%d\n", x);
    return 0;
}
```

2

1

0.5

Undefined behaviour

Q6.   Operation "a = a * b + a" can also be written as:

a *= b + 1;

(c = a * b)!=(a = c + a);

a = (b + 1)* a;

All of the mentioned

Q7.   What is the output of this C code?
```
void main()
{
  m();
}
void m()
{
  printf("hi");
  m();
}
```

Compile time error

hi

Infinite hi

Nothing

Q8.   What is the output of this C code?
```
void main()
{
   char a = 'a';
   int x = (a % 10)++;
  printf("%d\n", x);
}
```

6

Junk value

Compile time error

7

Q9.   Number of bytes in memory taken by the below structure is?
```
struct test
{
int k;
char c;
};
```

Multiple of integer size

integer size+character size

Depends on the platform

Multiple of word size

Q10.   The format identifier '%i' is also used for _____ data type?

A. char

B. int

C. float

D. double

Q11.   What is the output of this C code?

```
int main()
{
    int a = 20;
    double b = 15.6;
    int c;
    c = a + b;
    printf("%d", c);
}
```

35

36

35.6

30

Q12.   What is the output of this C code?
```
void foo(int*);
int main()
{
int i = 10;
foo((&i)++);
}
void foo(int *p)
{
printf("%d\n", *p);
}
```

10

Some garbage value

Compile time error

Segmentation fault/code crash

Q13.   Which is false?

Constant variables need not be defined as they are declared and can be defined later

Global constant variables are initialised to zero

const keyword is used to define constant values

You cannot reassign a value to a constant variable

Q14.   #include are _____ files and #include "somefile.h" _____ files.

Library, Library

Library, user-created header

User-created header, library

They can include all types of file

Q15.   Which of the following is true for static variable?

It can be called from another function.

It exists even after the function ends.

It can be modified in another function by sending it as a parameter.

All of the mentioned

Q16.   If there is any error while opening a file, fopen will return?

Nothing

EOF

NULL

Depends on compiler

Q17.   Bit fields can only be declared as part of a structure.

false

true

Nothing

Varies

Q18.   Which function definition will run correctly?

```
int sum(int a, int b)
 return (a + b);
```

```
int sum(int a, int b)
  {return (a + b);}
```

```
int sum(a, b)
  return (a + b);
```

Both (a) and (b)

Q19.   What is the output of this C code?
```
void main()
{
  m();
    void m()
    {
      printf("hi");
    }
}
```

hi

Compile time error

Nothing

Varies

Q20.   #pragma exit is primarily used for?

Checking memory leaks after exitting the program

Informing Operating System that program has terminated

Running a function at exitting the program

No such preprocessor exist

Section 1 - Quantitative

)1
39

Solution

No Solution

)2
NONE

Solution

No Solution

)3
9.6%

Solution

No Solution

)4
5km/hr

Solution

No Solution

)5
2/3

Solution

No Solution

)6
NONE OF THE ABOVE

Solution

No Solution

)7
1:2

Solution

No Solution

)8
77.378

Solution

No Solution

)9
6

Solution

No Solution

)10
INFINITY

Solution

No Solution

)11
6km/hr

Solution

No Solution

)12
6250

Solution

No Solution

)13

150

Solution

No Solution

)14
39

Solution

No Solution

)15
1/12

Solution

No Solution

)16
42

Solution

No Solution

)17
2/5

Solution

No Solution

)18
1pm

Solution

No Solution

)19
12/15

Solution

No Solution

)20
DATA INADEQUATE

Solution

No Solution

Section 2 - Reasoning

)1
M9N5K3J

Solution

No Solution

)2
IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SIDEWAYS

Solution

No Solution

)3
(i) and (iv)

Solution

No Solution

)4
South-West

Solution

No Solution

)5
ETUPMOCR

Solution

No Solution

)6 K5J9M3N

Solution

No Solution

)7 (iii)

Solution

No Solution

)8 CANNOT BE DETERMINED

Solution

No Solution

)9 daughter in law

Solution

No Solution

)10 South-West

Solution

No Solution

)11 UQBHOHOF

Solution

No Solution

)12 (i) and (iv)

Solution

No Solution

)13 CPNCPZ

Solution

No Solution

)14 Silicon

Solution

No Solution

)15 IF THE PROGRAM IS TO BE ORGANISED IN HOTEL SAUSY

Solution

No Solution

)16 10 yards

Solution

No Solution

)17 SESIRPRU

Solution

No Solution

Q18   (i)

Solution

No Solution

Q19   IF THE PROGRAM IS TO BE ORGANISED IN HOTEL TAJ

Solution

No Solution

Q20   IF THE PROGRAM IS TO BE ORGANISED IN HOTEL TAJ

Solution

No Solution

Section 3 - Verbal

Q1   I HAVE WON AS PRIZE

Solution

No Solution

Q2   scarcity

Solution

No Solution

Q3   B

Solution

No Solution

Q4   impious

Solution

No Solution

Q5   FIXED

Solution

No Solution

Q6   no improvement needed

Solution

No Solution

Q7   IF ALL THE CHILDREN OF INDIA

Solution

No Solution

Q8   BROADLY

Solution

No Solution

Q9   TRANSLUCANT

Solution

No Solution

Q10   SPLENDID

Solution

No Solution

)11   overflow

Solution

No Solution

)12   FIGURATIVE

Solution

No Solution

)13   social

Solution

No Solution

)14   sorrow

Solution

No Solution

)15   INDULGE

Solution

No Solution

)16   C

Solution

No Solution

)17   cause

Solution

No Solution

)18   unless i am invited

Solution

No Solution

)19   for these resons

Solution

No Solution

)20   NO IM PROVEMENT

Solution

No Solution

Section 4 - Coding

)1   To avoid conflicts since library routines use such names

Solution

No Solution

)2   0

Solution

No Solution

)3
    2 3 3

Solution

No Solution

)4
    All of the mentioned

Solution

No Solution

)5
    2

Solution

No Solution

)6
    All of the mentioned

Solution

No Solution

)7
    Infinite hi

Solution

No Solution

)8
    Compile time error

Solution

No Solution

)9
    integer size+character size

Solution

No Solution

)10
    B. int

Solution

Both %d and %i can be used as a format identifier for int data type.

)11
    35

Solution

No Solution

)12
    Compile time error

Solution

No Solution

)13
    Constant variables need not be defined as they are declared and can be defined later

Solution

Explanation:

Since the constant variable has to be declared and defined at the same time, not doing it results in an error.

Hence the statement a is false.

)14

They can include all types of file

Solution

Explanation:

Both of these statement can be used to select any file

)15

It exists even after the function ends.

Solution

No Solution

)16

NULL

Solution

No Solution

)17

true

Solution

No Solution

)18

int sum(int a, int b)

{return (a + b);}

Solution

No Solution

)19

Compile time error

Solution

No Solution

)20

Running a function at exitting the program

Solution

Explanation:

It is primarily used for running a function upon exitting the program