

QUESTION 1.

Section-1 (Mathematics)

If ***m*** is the arithmetic mean, ***g*** is the geometric mean, and ***h*** is the harmonic mean of the positive numbers ***a*** and ***b***, which of the following is FALSE ?

<gdiv></gdiv>

a) $\left[m = \frac{\left(a + b \right)}{2} \right]$
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b) $g = \sqrt{mh}$
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c) $\left[h = \frac{ab}{\left(a + b \right)} \right]$
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d) $\left[\left\{ g \right\}^2 = ab \right]$
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e) $h \leq g \leq m$
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QUESTION 2.

Which of the following divisions give the smallest number?

- a) $123 \div 124$
- b) $124 \div 125$
- c) $125 \div 126$
- d) $126 \div 127$
- e) $127 \div 128$

QUESTION 3.

A shop keeper gives a discount of 10% on his list prices to all the customers. He gives a further discount of 10% on the already discounted prices for special customers. What is the effective discount a special customer gets?

- a) 18%
- b) 20%
- c) 19%
- d) 21%
- e) 22%

QUESTION 4.

A room has a rectangular floor with dimensions 6 Mtrs 5 mtrs. If walls are 4 meters high, what is the total area of the walls?

- a) 88 sq.mtrs
- b) 100 sq.mtrs
- c) 108 sq.mtrs
- d) 120 sq.mtrs
- e) 160 sq.mtrs

QUESTION 5.

What is the internal angle between adjacent sides of a regular polygon with n sides?

- a) $\frac{360}{n}$
- b) $\frac{60\{n\}^2}{\left(n-1\right)}$
- c) $\frac{90\left(n-1\right)}{n}$
- d) $\frac{180\left(n-2\right)}{n}$
- e) $\frac{360}{\left(n-1\right)}\{n\}^2$

QUESTION 6.

If $\cot q$ is 1, what is the value of $\sin q$?

- a) $\pm \frac{1}{\sqrt{2}}$
- b) $\pm \frac{1}{2}$
- c) $\pm \frac{1}{\sqrt{3}}$
- d) $\pm \frac{\sqrt{3}}{2}$
- e) Can't decide

QUESTION 7.

If $|x| \ll 1$, then $\frac{1}{1+x}$ can be approximated to

- a) $1 + x^2$
- b) $1 - x$
- c) $1 - x^2$
- d) $1 - x^2 + x^3$
- e) $1 - 2x + 3x^3$

QUESTION 8.

Which of the following is a solution for the equation $\frac{d^2y}{dx^2} + y = 0$?14479

- a) $y = e^{x^2}$
- b) $y = e^{2x}$
- c) $y = e^x + e^{-x}$
- d) $y = \sin(x) + \cos(x)$
- e) $y = e^x \cdot \log(x)$

QUESTION 9.

A boat sails at a constant speed of v_1 in still water. If the boat sails upstream in a river flowing at a constant speed of v_2 , from point **A**, to point **B** and returns to point **A** downstream, what is the average speed of the boat in the river?

- a) $v_1 + \frac{v_1 - v_2}{2}$
- b) $\frac{v_1 - v_2}{2}$
- c) v_1
- d) $\frac{v_2^2}{v_1}$
- e) $\frac{2v_1v_2}{v_1 + v_2}$

QUESTION 10.

Inverse of the matrix $\begin{bmatrix} 2 & 0 \\ 0 & 1 \end{bmatrix}$ is

a) $\begin{bmatrix} 1 & 0 \\ 0 & 0.5 \end{bmatrix}$

b) $\begin{bmatrix} 1 & 0 \\ 0 & 2 \end{bmatrix}$

c) $\begin{bmatrix} 0 & 2 \\ 1 & 0 \end{bmatrix}$

d) $\begin{bmatrix} 0.5 & 0 \\ 0 & 1 \end{bmatrix}$

e) **None of them**

QUESTION 11.

Roots of the quadratic equation $ax^2 + 2bx + c = 0$ are

a) $\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

b) $\frac{-b \pm \sqrt{4ca - b^2}}{2a}$

c) $\frac{-b \pm \sqrt{b^2 - ac}}{a}$

d) $\frac{-b \pm \sqrt{b^2 - 4ac}}{a}$

e) $\frac{-b \pm \sqrt{4b^2 - ac}}{2a}$

QUESTION 12.

if \mathbf{w} is a complex root of the equation $x^3 - 1 = 0$, then which of the following is TRUE?

- a) $1 = \mathbf{w} - \mathbf{w}^2$
- b) $\mathbf{w} + \mathbf{w}^2 + \mathbf{w}^3 = 0$
- c) $1 = \mathbf{w} + \mathbf{w}^2$
- d) $1 - \mathbf{w} + \mathbf{w}^2 = 0$
- e) $1 + \mathbf{w} - \mathbf{w}^2 = 0$

QUESTION 13.

Which of the following do not form a set?

- a) All the persons living in Bangalore
- b) All animals living on the moon.
- c) All the crows that are not black in color.
- d) All my favorite cricket stars.
- e) All the good players in the current Indian cricket team.

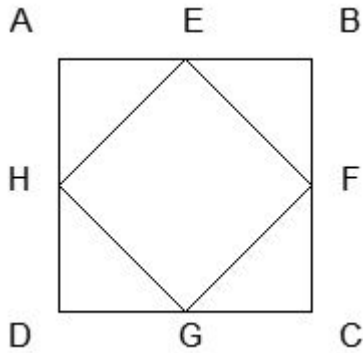
QUESTION 14.

If $(\mathbf{x} - \mathbf{y})^2 > (\mathbf{x} + \mathbf{y})^2$, what can be said about \mathbf{x} and \mathbf{y}

- a) $\mathbf{x} < \mathbf{y}$
- b) $\mathbf{x} \cdot \mathbf{y} > 0$
- c) Both \mathbf{x} and \mathbf{y} are imaginary numbers
- d) One of them is positive and the other is negative
- e) At least one of them is negative

QUESTION 15.

In the following figure, ABCD is a square. EFGH is another square formed by joining the mid points of ABCD. What is the ratio of the areas ABCD and EFGH ?



- a) 3 : 1
- b) 2 : 1
- c) $\sqrt{3} : 1$
- d) $\sqrt{2} : 1$
- e) $2 : \sqrt{3}$

QUESTION 16.

In a class of 18 boys and 20 girls, 6 boys and 4 girls play chess. If you randomly pick up a boy from the class, what is the probability that he is not a chess player?

- a) $\frac{2}{3}$
- b) $\frac{1}{3}$
- c) $\frac{3}{19}$
- d) $\frac{16}{19}$
- e) $\frac{3}{14}$

QUESTION 17.

In an examination, there are 100 objective type questions of 1 mark each. For wrong answers, $\frac{1}{4}$ mark is deducted. There is no penalty for unattempted questions. One person attempts 72 questions. How many of his answers are correct if he got 62 marks?

- a) 59

- b) 62
- c) 67
- d) 66
- e) 64

QUESTION 18.

If $a > 0$, $b < 0$ and c is the average of a and b , then what can be said about the sign of c ?

- a) Positive
- b) Negative
- c) Zero
- d) Same sign as ($a + b$)
- e) Can't decide

QUESTION 19.

What is the value of $\int_0^{\pi} \sin(x) dx$?

- a) 0
- b) 1
- c) 2π
- d) π
- e) 2

QUESTION 20.

What is the perimeter of a circle with an area of 36π ?

- a) 6
- b) 9
- c) 12
- d) 12π
- e) 6π

QUESTION 21.

Section-2 (Microprocessors & Digital Electronics)

If an interrupt occurs while in *halt*, the CPU executes the interrupt service routine and

- a) Goes back to halt
- b) Starts executing the instruction next to the *halt* instruction
- c) Goes to the power on reset
- d) Starts executing from the beginning of the routine that has *halt* instruction
- e) None of the above

QUESTION 22.

On power-on, 8086 family of processors, start executing from the physical address

- a) 00000
- b) F0000
- c) FF000
- d) FFF00
- e) FFFF0

QUESTION 23.

Cache memory is

- a) The hard disk
- b) Memory in any peripheral device
- c) Associative memory to speedup CPU
- d) Read-Only Memory
- e) Shadow Memory

QUESTION 24.

A computer, whose instruction set consists of only those instructions that can be efficiently used and complex tasks are performed by a combination of these instructions is called

- a) Complex Instruction Set Computer
- b) Reduced Instruction Set Computer
- c) Efficient Instruction Set Computer
- d) Zero-address machine
- e) Microcontroller

QUESTION 25.

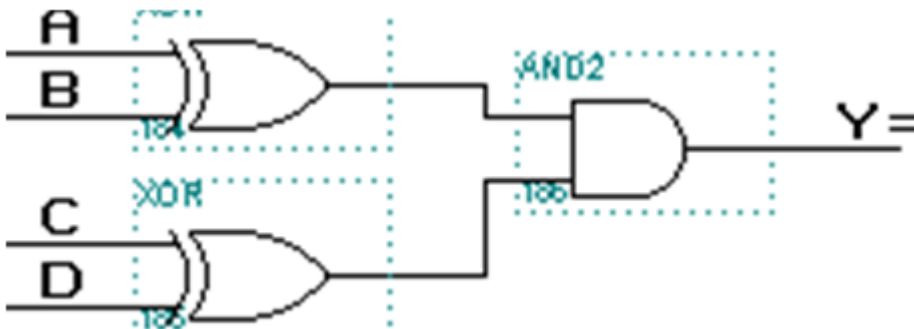
Precharge time for memory is

- a) Time required to charge the memory on power-on

- b) The maximum time the power can be removed without destroying the memory contents
- c) The amount of time a memory chip is tested with power on in the factory
- d) Time after a write, before next access to the memory
- e) None of the above

QUESTION 26.

In Figure below, Y =



- a) $\overline{A} \overline{B} C D + A B \overline{C} \overline{D} + \overline{A} B \overline{C} D + A \overline{B} C \overline{D}$
- b) $\overline{A} B \overline{C} D + \overline{A} B C \overline{D} + A \overline{B} \overline{C} D + A \overline{B} C \overline{D}$
- c) $\overline{A} B C \overline{D} + A \overline{B} \overline{C} D + \overline{A} \overline{B} \overline{C} D + A \overline{B} C \overline{D}$
- d) $\overline{A} \overline{B} C \overline{D} + \overline{A} B \overline{C} D + A \overline{B} \overline{C} D + A \overline{B} C \overline{D}$
- e) $\overline{A} \overline{B} C \overline{D} + \overline{A} B \overline{C} D + A \overline{B} C D + A \overline{B} C \overline{D}$

QUESTION 27.

The biggest number that can be represented in 8 bits as an unsigned binary number is

- a) 256
- b) 255
- c) 128
- d) 127
- e) 129

QUESTION 28.

When two signed binary numbers are added, then overflow is said to occur if the carry from the MSB is

- a) Set

- b) Clear
- c) Same as the MSB of the result
- d) Not same as the MSB of the result
- e) None of the above

QUESTION 29.

When three binary numbers of 16 bits are multiplied, the result may have a maximum of

- a) 16 bits
- b) 20 bits
- c) 24 bits
- d) 32 bits
- e) 48 bits

QUESTION 30.

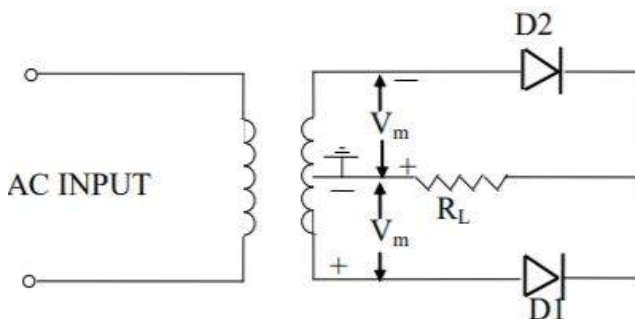
To represent a 5 digit decimal number in BCD form, we need

- a) 12 bits
- b) 16 bits
- c) 20 bits
- d) 24 bits
- e) 32 bits

QUESTION 31.

Section-3 (Hardware)

In a full-wave rectifier, independently of the filter used, the peak inverse voltage V_{peak} across each diode is related to maximum transformer voltage V_m , measured from either end of the transformer secondary to the centre tap is.



- a) $V_{peak} = 2V_m$

b)
$$V_{\text{peak}} = \frac{V_m}{\sqrt{2}}$$

c)
$$V_{\text{peak}} = \frac{\sqrt{3}V_m}{2}$$

d) $V_{\text{peak}} = V_m$

e)
$$V_{\text{peak}} = \frac{V_m}{2}$$

QUESTION 32.

In an intrinsic semiconductor

- a) Holes are more than electrons.
- b) Electrons are more than holes.
- c) Holes and electrons do not exist.
- d) Holes and electrons are equal.
- e) Electrons do not exist.

QUESTION 33.

In a transformer with unity coupling the voltage ratio is same as

- a) Current ratio.
- b) Turns ratio.
- c) Power ratio.
- d) Unity coupling is not possible
- e) None of the above.

QUESTION 34.

The laminated iron core has reduced eddy current losses because

- a) The laminations are stacked vertically.
- b) The laminations are insulated from each other.
- c) The magnetic flux is concentrated in the air gap of the core.
- d) More wire can be used with less DC resistance in the coil.
- e) The laminations are not insulated from each other.

QUESTION 35.

Electrolytic Capacitors are capable of responding to.

- a) HF
- b) VHF
- c) UHF
- d) LF
- e) Microwaves

QUESTION 36.

Laplace transform of a function $f(t) = e^{at}$ is

- a) $\frac{1}{s+a}$
- b) $\frac{1}{(s-a)^2}$
- c) $\frac{1}{(s+a)^2}$
- d) $\frac{1}{s-a}$
- e) $(s-a)$

QUESTION 37.

The Irms of a full wave rectifier output is (where I_m is I_{maximum}).

- a) $\frac{2I_m}{\sqrt{2}}$
- b) $\frac{\sqrt{2}I_m}{2}$

c) $\frac{\sqrt{2}}{Im}$

d) $\frac{Im}{\sqrt{2}}$

e) $2Im$

QUESTION 38.

The input impedance of idealised op-amp is

- a) Infinity
- b) Zero
- c) Depends on the gain
- d) Depends on the output Impedence
- e) Ratio of the output and input impedance

QUESTION 39.

The transfer admittance is the ratio of

- a) Voltage at one port to the current at the other port
- b) Current at one port to the voltage at the other port
- c) Current at one port to the current at the other port
- d) Voltage at one port to the voltage at the other port
- e) Output and input impedance

QUESTION 40.

To construct a BCD counter of mod 1000 with a ripple chain the number of flip-flops required is

- a) 32
- b) 64
- c) 12
- d) 4
- e) 10

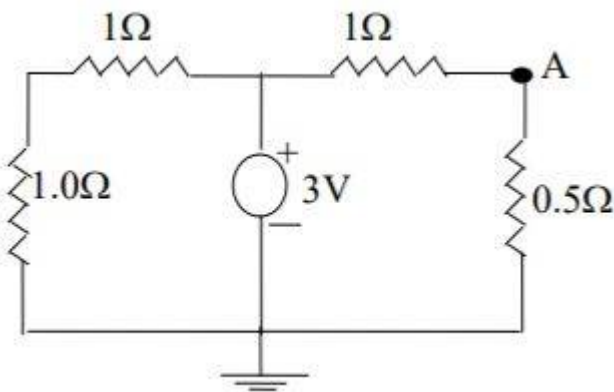
QUESTION 41.

In dynamic RAM individual bits are stored in

- a) Resistors
- b) Capacitors
- c) Flip-flops
- d) Diodes
- e) Inductors

QUESTION 42.

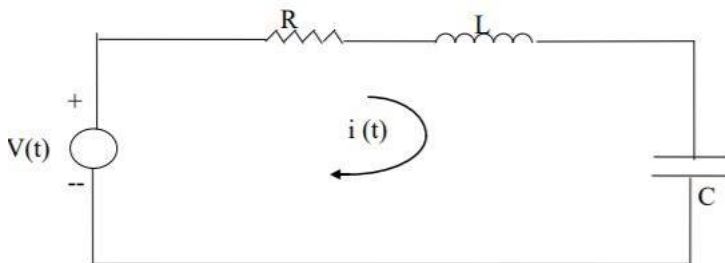
From the circuit given below what is the voltage at point 'A'.



- a) 0.5V
- b) 3V
- c) 2V
- d) 4V
- e) 1V

QUESTION 43.

Using Kirchoff's voltage law the differential equation for the given RLC circuit is

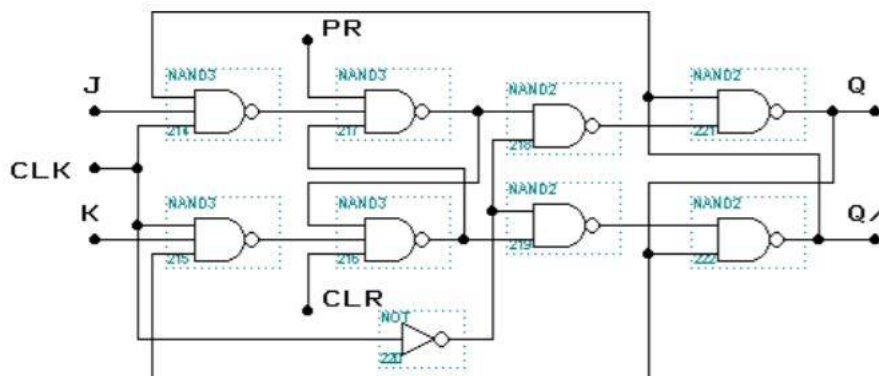


- a) $V(t) = L \frac{di}{dt} + R i + \frac{1}{C} \int i dt$
- b) $\frac{1}{L} \frac{dV(t)}{dt} = \frac{d^2 i}{dt^2} + \frac{R}{L} \frac{di}{dt} + i \cdot \frac{1}{LC}$

- c) $V(t) = L \frac{di}{dt} + R_t + 1/LC * \frac{d^2 i}{dt^2}$
d) $V(t) = \frac{d^2 i}{dt^2} + L \frac{di}{dt} + R_t + 1/C \frac{di}{dt}$
e) $dV(t)/dt = L \frac{di}{dt} + R_t + 1/LC * \frac{d^2 i}{dt^2}$

QUESTION 44.

The following diagram represents



- a) Astable
b) Monostable
c) Master slave Flip flop
d) Shift register
e) Counter

QUESTION 45.

Capacitance increases with

- a) Larger plate area and greater distance between plates.
b) Larger plate area and lesser the distance between plates.
c) Smaller plate area and lesser distance between plates.
d) Smaller plate area and larger distance between plates.
e) None of the above.

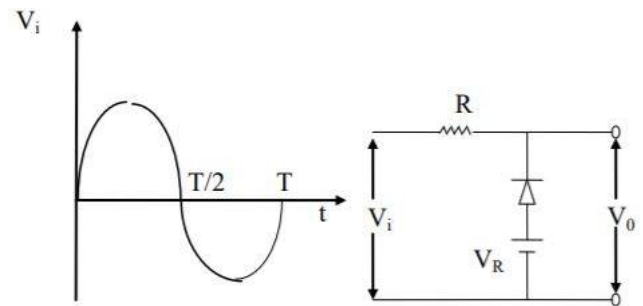
QUESTION 46.

The high 3 dB frequency for n cascade stages is calculated by using the formula, where f_0 is the 3 db frequency of each stage

- a) $(\sqrt{2^{1/n}} - 1)f_0$

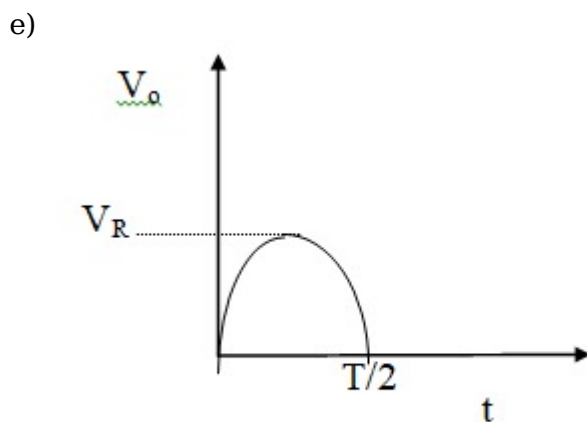
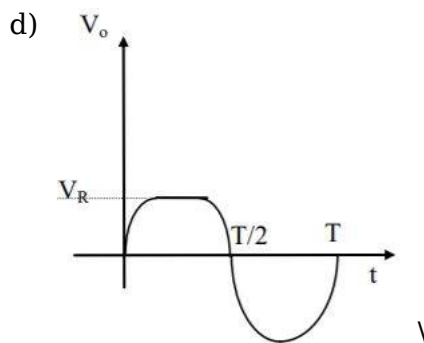
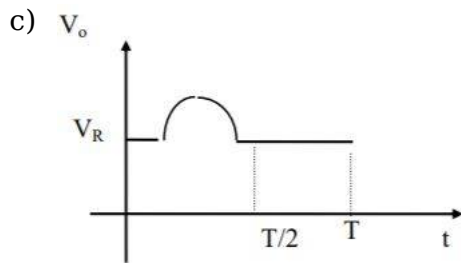
- b) $\left(\frac{1}{\sqrt{2^{1/n}-1}}\right) f_0$
- c) $(\sqrt{2^n-1}) f_0$
- d) $\left(\frac{1}{\sqrt{2^n-1}}\right) f_0$
- e) $\left(\frac{1}{\sqrt{2^n+1}}\right) f_0$

QUESTION 47.



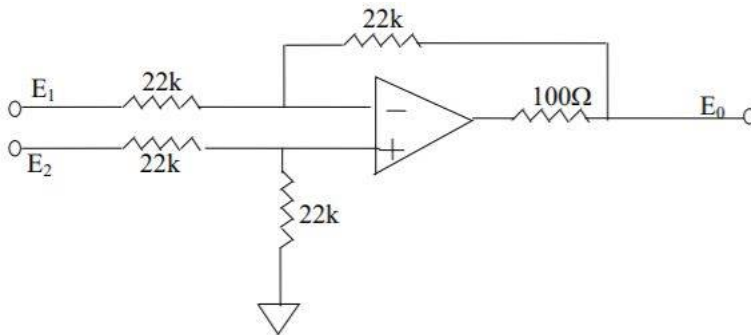
If V_i is an AC in the circuit shown V_o wave form is

- a)
- b)



QUESTION 48.

In the circuit given below if $E_1 = \sin x$ and $E_2 = \sin(x+120)$ the output E_0 equal to



- a) $\sqrt{3} \cdot \sin(30+x)$
- b) $\frac{\sqrt{3}}{2} \cdot \sin(30+x)$
- c) $\sqrt{3} \cdot \sin(30-x)$
- d) $\frac{\sqrt{3}}{2} \cdot \sin(30-x)$
- e) $\sin(30+x)$

QUESTION 49.

The voltage gain is lowest for (A_V)

- a) Common emitter
- b) Common base
- c) Darlington
- d) Common collector
- e) Same for all

QUESTION 50.

The equation $A = V_c (1 + V_m \sin W_m t)$ represents

- a) Amplitude modulation
- b) Frequency modulation
- c) Pulse width modulation
- d) Pulse Amplitude modulation
- e) No modulation

QUESTION 51.

Section-4 (Software)

What is the value of the variable i at the end of the following program loop?

for (i = 0; i < 4 ; i += 3) ;

- a) 2
- b) 6
- c) 4
- d) 3
- e) 12

QUESTION 52.

What is the value of j after executing the following loop?

i = 1; j = 0;

while (i < 4)

{

i = i + 1 ;

j = j * i ;

}

- a) 1
- b) 0
- c) 6
- d) 24
- e) 120

QUESTION 53.

If i and j are integers, then the expression (i%2)?

$\frac{i+1}{2}$: $\frac{i}{2}$ is same as

- a) $\frac{i}{2}$

b) $\frac{i}{2} + (i\%2)$

c) $\frac{i}{2} + 1$

d) $i + \left(\frac{i}{2}\right)$

e) $\frac{(i+2)}{2-1}$

QUESTION 54.

$$\begin{bmatrix} a & b & c \\ d & e & f \\ g & h & i \end{bmatrix}$$

Which elements of the 3 x 3 matrix occupy the same memory space irrespective of whether the matrix is stored in column-major order or in row-major order?

- a) **a** and **i** only
- b) **c** , **e** and **g**
- c) **a** , **e** and **i**
- d) **e** only
- e) None

QUESTION 55.

Which of the following is the most efficient algorithm for sorting a very small set of numbers?

- a) Quick sort
- b) Selection sort
- c) Heap sort
- d) Partition-exchange sort
- e) Bubble sort

QUESTION 56.

A program written to operate a specific piece of hardware is called

- a) Stub

- b) Driver
- c) Simulator
- d) Emulator
- e) Interpreter

QUESTION 57.

X.25 is a communication protocol for

- a) Voice data
- b) Packet Switched Data
- c) Circuit Switched Data
- d) Connecting terminals to computer
- e) Connecting two modems

QUESTION 58.

In the OSI 7-layer model for computer communications, the layer that is responsible for routing is

- a) Physical layer
- b) Data link layer
- c) Transport layer
- d) Session layer
- e) Network layer

QUESTION 59.

In computer networks, what is meant by connectionless service?

- a) Virtual circuit
- b) Datagram service
- c) Wireless networks
- d) Hot-line
- e) Byte-stream service

QUESTION 60.

A binary tree is a special kind of tree with the following property

- a) Each node has at the most two children
- b) Each node, except the leaves, has at exactly two children

- c) Each node can store only two values
- d) There are equal number of children to the right and left of the root
- e) There are two root nodes

QUESTION 61.

Which data structure is used normally in evaluation of arithmetic and logical expressions?

- a) Linked list
- b) Doubly linked list
- c) Queue
- d) Stack
- e) Arrays

QUESTION 62.

A Deque is a data structure

- a) Which can detect underflow, but not overflow
- b) Which can detect overflow, but not underflow
- c) Which allows deletions, but not insertions
- d) Which allows insertions, but not deletions
- e) Where deletions and insertions are allowed at both ends

QUESTION 63.

Which of the following is a valid expression in Reverse-polish notation?

- a) $a + b * c$
- b) $a b c * +$
- c) $* + a b c$
- d) $(a b +) c *$
- e) $* a +$

QUESTION 64.

In computer terminology, the term garbage collection is related to

- a) Cleaning computer peripherals
- b) Graphics
- c) Compilation
- d) Memory management

- e) Stack operations

QUESTION 65.

During parsing, the compiler breaks the input code into

- a) Characters
- b) Bits
- c) Words
- d) Sentences
- e) Tokens

QUESTION 66.

The software that combines one or more object files, and resolves the external references is called

- a) Compiler
- b) Assembler
- c) Debugger
- d) Binder
- e) Linker

QUESTION 67.

The technique of mapping 3-dimensional graphics on a two-dimensional surface is known as

- a) Projection
- b) Surface drawing
- c) Scanning
- d) Artwork
- e) Dithering

QUESTION 68.

When the primary colors Green and Red with equal intensities are mixed, the resulting color is

- a) Blue
- b) Brown
- c) Yellow
- d) Cyan
- e) White

QUESTION 69.

If both horizontal and vertical resolutions of a memory mapped display unit are doubled, the memory required will become

- a) Double
- b) 3 times
- c) 16 times
- d) 8 times
- e) 4 times

QUESTION 70.

Which of the following is not one of the five basic operations of relational algebra?

- a) Union
- b) Set difference
- c) Cartesian product
- d) Join
- e) Projection

QUESTION 71.

Passage

Section-5 (English)

D.71-74) A. Comprehension

Read each of the following passages and answer the four questions given under each of the passages in a table. Answer them by writing T (true) F (false) or X (can't say) in the last column.

Enter T if the statement is DEFINITELY TRUE, or would be a reasonable conclusion to draw from the passage. Enter F if the statement is DEFINITELY UNTRUE, or would not be a reasonable conclusion to draw. Enter X if you can't say T or F, or you have INSUFFICIENT INFORMATION to answer either of the above with any certainty.

1) Abdominal pain in children may be a symptom of emotional disturbance, especially where it appears in conjunction with phobias or sleep disorders such as nightmares or sleep-walking. It may also be linked to eating habits: a study carried out in the USA found that children with pain tended to be more fussy about what and how much they ate, and to have over-anxious parents who spent considerable time trying to persuade them to eat. Although abdominal pain had previously been linked to excessive milk-drinking, this research found that children with pain drank rather less milk than those in the control group.

There is no clear cause for abdominal pain in children.

- a) True
- b) False
- c) Can't say

QUESTION 72.

Passage

Section-5 (English)

D.71-74) A. Comprehension

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Abdominal pain in children may be psychosomatic in nature.

- a) True
- b) False
- c) Can't say

QUESTION 73.

Passage

Section-5 (English)

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Enter T if the statement is DEFINITELY TRUE, or would be a reasonable conclusion to draw from the passage. Enter F if the statement is DEFINITELY UNTRUE, or would not be a reasonable conclusion to

draw. Enter X if you can't say T or F, or you have INSUFFICIENT INFORMATION to answer either of the above with any certainty.

1) Abdominal pain in children may be a symptom of emotional disturbance, especially where it appears in conjunction with phobias or sleep disorders such as nightmares or sleep-walking. It may also be linked to eating habits: a study carried out in the USA found that children with pain tended to be more fussy about what and how much they ate, and to have over-anxious parents who spent considerable time trying to persuade them to eat. Although abdominal pain had previously been linked to excessive milk-drinking, this research found that children with pain drank rather less milk than those in the control group.

Drinking milk may help to prevent abdominal pain in children.

- a) True
- b) False
- c) Can't say

QUESTION 74.

Passage

Section-5 (English)

D.71-74) A. Comprehension

Read each of the following passages and answer the four questions given under each of the passages in a table. Answer them by writing T (true) F (false) or X (can't say) in the last column.

Enter T if the statement is DEFINITELY TRUE, or would be a reasonable conclusion to draw from the passage. Enter F if the statement is DEFINITELY UNTRUE, or would not be a reasonable conclusion to draw. Enter X if you can't say T or F, or you have INSUFFICIENT INFORMATION to answer either of the above with any certainty.

1) Abdominal pain in children may be a symptom of emotional disturbance, especially where it appears in conjunction with phobias or sleep disorders such as nightmares or sleep-walking. It may also be linked to eating habits: a study carried out in the USA found that children with pain tended to be more fussy about what and how much they ate, and to have over-anxious parents who spent considerable time trying to persuade them to eat. Although abdominal pain had previously been linked to excessive milk-drinking, this research found that children with pain drank rather less milk than those in the control group.

Children who have problems of sleeping are more likely to suffer from abdominal pain.

- a) True
- b) False
- c) Can't say

QUESTION 75.

Passage

D.75-78)

A. Comprehension

Read each of the following passages and answer the four questions given under each of the passages in a table. Answer them by writing T (true) F (false) or X (can't say) in the last column.

Enter T if the statement is DEFINITELY TRUE, or would be a reasonable conclusion to draw from the passage. Enter F if the statement is DEFINITELY UNTRUE, or would not be a reasonable conclusion to draw. Enter X if you can't say T or F, or you have INSUFFICIENT INFORMATION to answer either of the above with any certainty.

When Christianity was first established by law, a corrupt form of Latin had become the common language of all the western parts of Europe. The service of the Church accordingly, and the translation of the Bible which was read in churches, were both in that corrupted Latin which was the common language of the country. After the fall of the Roman Empire, Latin gradually ceased to be the language of any part of Europe. However, although Latin was no longer understood anywhere by the great body of the people, Church services still continued to be performed in that language. Two different languages were thus established in Europe: the language of the priests and a language of the people.

After the fall of the Roman Empire, people who had previously spoken Latin returned to their original languages.

- a) True
- b) False
- c) Can't say

QUESTION 76.

Passage

D.75-78)

A. Comprehension

Read each of the following passages and answer the four questions given under each of the passages in a table. Answer them by writing T (true) F (false) or X (can't say) in the last column.

Enter T if the statement is DEFINITELY TRUE, or would be a reasonable conclusion to draw from the passage. Enter F if the statement is DEFINITELY UNTRUE, or would not be a reasonable conclusion to draw. Enter X if you can't say T or F, or you have INSUFFICIENT INFORMATION to answer either of the above with any certainty.

When Christianity was first established by law, a corrupt form of Latin had become the common language of all the western parts of Europe. The service of the Church accordingly, and the translation of the Bible which was read in churches, were both in that corrupted Latin which was the common language of the country. After the fall of the Roman Empire, Latin gradually ceased to be the language of any part of Europe. However, although Latin was no longer understood

anywhere by the great body of the people, Church services still continued to be performed in that language. Two different languages were thus established in Europe: the language of the priests and a language of the people.

Latin continued to be used in church services because of the continuing influence of Rome.

- a) True
- b) False
- c) Can't say

QUESTION 77.

Passage

D.75-78)

A. Comprehension

Read each of the following passages and answer the four questions given under each of the passages in a table. Answer them by writing T (true) F (false) or X (can't say) in the last column.

Enter T if the statement is DEFINITELY TRUE, or would be a reasonable conclusion to draw from the passage. Enter F if the statement is DEFINITELY UNTRUE, or would not be a reasonable conclusion to draw. Enter X if you can't say T or F, or you have INSUFFICIENT INFORMATION to answer either of the above with any certainty.

When Christianity was first established by law, a corrupt form of Latin had become the common language of all the western parts of Europe. The service of the Church accordingly, and the translation of the Bible which was read in churches, were both in that corrupted Latin which was the common language of the country. After the fall of the Roman Empire, Latin gradually ceased to be the language of any part of Europe. However, although Latin was no longer understood anywhere by the great body of the people, Church services still continued to be performed in that language. Two different languages were thus established in Europe: the language of the priests and a language of the people.

Priests spoke a different language from the common people.

- a) True
- b) False
- c) Can't say

QUESTION 78.

Passage

D.75-78)

A. Comprehension

Read each of the following passages and answer the four questions given under each of the passages in a table. Answer them by writing T (true) F (false) or X (can't say) in the last column.

Enter T if the statement is DEFINITELY TRUE, or would be a reasonable conclusion to draw from the passage. Enter F if the statement is DEFINITELY UNTRUE, or would not be a reasonable conclusion to draw. Enter X if you can't say T or F, or you have INSUFFICIENT INFORMATION to answer either of the above with any certainty.

When Christianity was first established by law, a corrupt form of Latin had become the common language of all the western parts of Europe. The service of the Church accordingly, and the translation of the Bible which was read in churches, were both in that corrupted Latin which was the common language of the country. After the fall of the Roman Empire, Latin gradually ceased to be the language of any part of Europe. However, although Latin was no longer understood anywhere by the great body of the people, Church services still continued to be performed in that language. Two different languages were thus established in Europe: the language of the priests and a language of the people.

Prior to the fall of the Roman Empire, Latin had been established by law as the language of the Church in western Europe.

- a) True
- b) False
- c) Can't say

QUESTION 79.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

There's no point staying up all night if your exam is tomorrow.

- a) On
- b) With
- c) In

QUESTION 80.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

Each of the boys very tall

- a) Is

- b) Are
- c) Has

QUESTION 81.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

English

I agree with you.

- a) Doesn't
- b) Haven't
- c) Don't

QUESTION 82.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

English

.... some more tea?

- a) Would you like
- b) Do you like
- c) Have you like

QUESTION 83.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

.... ever seen a flying saucer?

- a) Did you
- b) Have you
- c) Do you

QUESTION 84.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

If I were rich, I buy a huge farm in Whitefields.

- a) Will
- b) Shall
- c) Would

QUESTION 85.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

I wish I play a musical instrument.

- a) Would
- b) Could
- c) Should

QUESTION 86.

Passage

D.86-90) Choose the correct option that represents the reported/indirect speech form of the given sentence.

When Ramesh arrived at the disco, Malati

- a) Already left
- b) Has already left
- c) Had already left

QUESTION 87.

Passage

D.86-90) Choose the correct option that represents the reported/indirect speech form of the given sentence.

If I on holiday to Mumbai, I wouldn't have met Sachin.

- a) Didn't go
- b) Haven't gone
- c) Hadn't gone

QUESTION 88.

Passage

D.86-90) Choose the correct option that represents the reported/indirect speech form of the given sentence.

By the time you get this letter I

- a) Will have left
- b) Am going to leave
- c) Would leave

QUESTION 89.

Passage

D.86-90) Choose the correct option that represents the reported/indirect speech form of the given sentence.

Sundar forgot the lights before he left.

- a) Turn off
- b) Turning off
- c) To turn off

QUESTION 90.

Passage

D.86-90) Choose the correct option that represents the reported/indirect speech form of the given sentence.

Sarla was offered the job having poor qualifications.

- a) Despite
- b) Although
- c) Even though

QUESTION 91.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

If only I to the barbecue instead of staying at home.

- a) Went
- b) Had gone
- c) Did go

QUESTION 92.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

Not only to Balasore but she also visited many other places in Orissa.

- a) She went
- b) Went she
- c) Did she go

QUESTION 93.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

Now remember, you the test until the invigilator tells you to.

- a) Are not starting
- b) Are not to start
- c) Haven't started

QUESTION 94.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

He was thought the disease in Hong Kong.

- a) To catch
- b) Of catching
- c) To have caught

QUESTION 95.

Passage

D.79-95) Choose the most appropriate word to fill in the blanks.

Rarely meat.

- a) I eat
- b) Do I eat

c) I have eaten

QUESTION 96.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely and promptly forgot (6)_____. She should have been warned since, from the age of two, I (7)_____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)_____ my way, so the progress from a matchbox to a zoo (9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

(1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended.

Fill in the blank

- a) An
- b) Any
- c) The

QUESTION 97.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely and promptly forgot (6)_____. She should have been warned since, from the age of two, I (7)_____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)_____ my way, so the progress from a matchbox to a zoo (9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

(2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live.

Fill in the blank

- a) On having
- b) That I would have
- c) To have

QUESTION 98.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)____. If my mother had been an American parent, she (4)____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)____ lovely and promptly forgot (6)____. She should have been warned since, from the age of two, I (7)____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)____ my way, so the progress from a matchbox to a zoo (9)____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)____ her to live in my zoo, not in a cottage but in a manor house.

(3)____. If my mother had been an American parent.

Fill in the blank

- a) -
- b) In
- c) At

QUESTION 99.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)____. If my mother had been an American parent, she (4)____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)____ lovely and promptly forgot (6)____. She should have been warned since, from the age of two, I (7)____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)____ my way, so the progress from a matchbox to a zoo (9)____ predicted. It is nice to record though that, before

she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it. Fill in the blank

- a) Must have rushed
- b) Should probably have rushed
- c) Would probably have rushed

QUESTION 100.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely and promptly forgot (6)_____. She should have been warned since, from the age of two, I (7)_____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)_____ my way, so the progress from a matchbox to a zoo (9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

(5)_____ lovely and promptly forgot. Fill in the blank

- a) Would be
- b) Was going to be
- c) Was to be

QUESTION 101.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely and promptly forgot (6)_____. She should have been warned since, from the age of two, I (7)_____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)_____ my way, so

the progress from a matchbox to a zoo (9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

(6)_____. She should have been warned since, from the age of two. Fill in the blank

- a) -
- b) All about
- c) All about it

QUESTION 102.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely and promptly forgot (6)_____. She should have been warned since, from the age of two, I (7)_____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)_____ my way, so the progress from a matchbox to a zoo (9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

(7)_____ matchboxes and my pockets with a wide variety of the smaller fauna that came. Fill in the blank

- a) Was filling
- b) Have filled
- c) Had been filling

QUESTION 103.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely and promptly forgot (6)_____. She should have been warned since, from the age of two, I (7)_____

matchboxes and my pockets with a wide variety of the smaller fauna that came (8)_____ my way, so the progress from a matchbox to a zoo (9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

(8)_____ my way, so the progress from a matchbox to a zoo. Fill in the blank

- a) -
- b) On
- c) By

QUESTION 104.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely and promptly forgot (6)_____. She should have been warned since, from the age of two, I (7)_____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)_____ my way, so the progress from a matchbox to a zoo (9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)_____ her to live in my zoo, not in a cottage but in a manor house.

(9)_____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and. Fill in the blank

- a) Could be
- b) Could have
- c) Could have been

QUESTION 105.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)_____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)_____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)_____. If my mother had been an American parent, she (4)_____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)_____ lovely

and promptly forgot (6)____. She should have been warned since, from the age of two, I (7)____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)____ my way, so the progress from a matchbox to a zoo (9)____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)____ her to live in my zoo, not in a cottage but in a manor house.

(10)____ her to live in my zoo, not in a cottage but in a manor house. Fill in the blank

- a) Taking
- b) Have taken
- c) Taken

QUESTION 106.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)____. If my mother had been an American parent, she (4)____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)____ lovely and promptly forgot (6)____. She should have been warned since, from the age of two, I (7)____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8)____ my way, so the progress from a matchbox to a zoo (9)____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10)____ her to live in my zoo, not in a cottage but in a manor house.

Naveen asked, "Are you going to help us?"

- a) Naveen asked me if I was going to help them.
- b) Naveen asked me if I were going to help them.
- c) Naveen asked me if I had gone to help them.

QUESTION 107.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1)____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2)____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3)____. If my mother had been an American parent, she (4)____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5)____ lovely

and promptly forgot (6) _____. She should have been warned since, from the age of two, I (7) _____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8) _____ my way, so the progress from a matchbox to a zoo (9) _____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10) _____ her to live in my zoo, not in a cottage but in a manor house.

Hema asked, "When did you find the money?"

- a) Hema asked us when we found the money.
- b) Hema asked us when we had found the money.
- c) Hema asked us when did we find the money.

QUESTION 108.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1) _____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2) _____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3) _____. If my mother had been an American parent, she (4) _____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5) _____ lovely and promptly forgot (6) _____. She should have been warned since, from the age of two, I (7) _____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8) _____ my way, so the progress from a matchbox to a zoo (9) _____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10) _____ her to live in my zoo, not in a cottage but in a manor house.

He said, "I'll visit Mary tomorrow."

- a) He said that he was going to visit Mary the next day.
- b) He said that he was going to visit Mary tomorrow.
- c) He said that he would visit Mary the next day.

QUESTION 109.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1) _____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2) _____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3) _____. If my mother had been an American parent, she (4) _____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5) _____ lovely

and promptly forgot (6) _____. She should have been warned since, from the age of two, I (7) _____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8) _____ my way, so the progress from a matchbox to a zoo (9) _____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10) _____ her to live in my zoo, not in a cottage but in a manor house.

The old lady said, "Don't touch that flower!"

- a) The old lady told me to not touch that flower.
- b) The old lady told me not to touch that flower.
- c) The old lady told me not touch that flower.

QUESTION 110.

Passage

D.96-110) In the following text, there are blanks numbered (1) to (10). For each of these, the possible options are listed below the text. For each position, choose the correct option that fills in.

I do not think it possible for many people at the age of six to be able to predict their future with (1) _____ accuracy. However, at that age I felt confident enough to inform my mother that I intended (2) _____ my own zoo and moreover, I added, I would give her a cottage in the grounds to live (3) _____. If my mother had been an American parent, she (4) _____ me to the nearest psychiatrist; however, being fairly phlegmatic, she merely said she thought that it (5) _____ lovely and promptly forgot (6) _____. She should have been warned since, from the age of two, I (7) _____ matchboxes and my pockets with a wide variety of the smaller fauna that came (8) _____ my way, so the progress from a matchbox to a zoo (9) _____ predicted. It is nice to record though that, before she died, I had fulfilled my promise and (10) _____ her to live in my zoo, not in a cottage but in a manor house.

Maria said, "If I knew the answer, I would tell you."

- a) Maria said that if she had known the answer, she would have told me.
- b) Maria said that if she knew the answer, she would have told me.
- c) Maria said that if she had known the answer, she would tell me

Review in