## Computer Based Examination System



## Statement : If degrees are delinked from jobs, boys will think twice before joining college

Assumptions:
I. Boys join college education to get jobs
II. A degree is of no use in getting a job.
if only assumption I is implicit
if only assumption II is implicit
if either I or II is implicit
if neither I nor II is implicit

None of the above

## Correct Answer

## Marks

## Correct Answer

Marks
$\square$

None of the above

D
1

## 4 Question Description

A

B

C

D

E

## Correct Answer <br> Marks <br> C <br> 1

A dice is rolled twice and the two positions are shown in the figure below. What is the number of dots at the bottom face when the dice is in position (i)?


1

5

6

Cannot be determined

None of the above

| Question Description | Find the missing Numbers |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 36 | 6 | 9 | 15 |
|  | 88 | 11 | 9 | ? |
|  | 120 | ? | 6 | 18 |
| A | 54,41 |  |  |  |
| B | 17,82 |  |  |  |
| C | 17,10 |  |  |  |
| D | 96,13 |  |  |  |
| E | None of the above |  |  |  |
| Correct Answer | C |  |  |  |
| Marks | 1 |  |  |  |

## Question Description

## A

## Correct Answer

Marks

Count the number of triangles and squares in the given figure.


36 triangles, 7 Squares

38 triangles, 9 Squares

40 triangles, 7 Squares

42 triangles, 9 Squares

None of the above

C

1

## 7 Question Description

## Correct Answer

## Marks

Each question given below consists of a statement, followed by three or four arguments numbered I, II, III and IV. You have to decide which of the arguments is/are 'strong' arguments) and which is/are 'weak' arguments) and accordingly choose your answer from the alternatives given below each question.

## Statement: Should trade unions be banned completely?

## Arguments:

I. Yes. Workers can concentrate on production.
II. No. This is the only way through which employees can put their demands before the management.
III. Yes. Employees get their illegal demands fulfilled through these unions.
IV. No. Trade unions are not banned in other economically advanced countries.

Only I is strong

Only II is strong

Only I and II are strong

Only I, II and III are strong

None of the above

B
1

| 8 | Question Description | Two trains of equal length are running on parallel lines in the same direction at $46 \mathrm{~km} / \mathrm{hr}$ and $36 \mathrm{~km} / \mathrm{hr}$. The faster train passes the slower train in 36 seconds. The length of each train is: |
| :---: | :---: | :---: |
|  | A | 50 m |
|  | B | 72 m |
|  | C | 80 m |
|  | D | 82 m |
|  | E | None of the above |
|  | Correct Answer | A |
|  | Marks | 1 |
| 9 | Question Description | January 1, 2007 was Monday. What day of the week lies on Jan. 1, 2008 ? |
|  | A | Monday |
|  | B | Tuesday |
|  | C | Wednesday |
|  | D | Sunday |
|  | E | None of the above |
|  | Correct Answer | B |
|  | Marks | 1 |

## Correct Answer

## Marks

In each of the following questions, the relationship between different elements is shown in the statements followed by two conclusions. Find the conclusion which logically follows.
Statements:
$\mathrm{R} \leq \mathrm{G}>\mathrm{W}=\mathrm{Y} ; \mathrm{P}<\mathrm{F} \leq \mathrm{G}=\mathrm{Q} ; \mathrm{Y}>\mathrm{E}$
Conclusions:
I) R $<$ F
II) $\mathrm{Q}>\mathrm{E}$

If only conclusion I follow.

If only conclusion II is true.
If either conclusion I or II is true.

If neither conclusion I nor II is true.

None of the above
B
1

## Correct Answer

Marks

In each of the following questions, the relationship between different elements is shown in the statements followed by two conclusions. Find the conclusion which logically follows.
Statements:
$\mathrm{X}<\mathrm{W} \leq \mathrm{F}=\mathrm{Q} \geq \mathrm{P}=\mathrm{T} \geq \mathrm{O} \geq \mathrm{S}=\mathrm{R}$
Conclusions:
I) $\mathrm{Q}>\mathrm{R}$
II) $Q=R$

If only conclusion I is true.

If only conclusion II is true.

If either conclusion I or II is true.

If neither conclusion I nor II is true.

None of the above

C

1

| Question Description | There is a certain relationship between two given pair on both side of ' $::$ ' . One word is given on another side of $'::$ ' while another word is to be found from the given options, having the same relation with this word as the words of the given pair. Choose the correct word from the following options. |
| :---: | :---: |
|  | Tectonics: Building : : Taxidermy : ? |
| A | Classification |
| B | Conserving |
| C | Stuffing |
| D | Collecting |
| E | None of the above |
| Correct Answer | C |
| Marks | 1 |

13 Question Description
A
B
C
D
E 1 and 2 only 3 only
C 2 and 4 only
Correct Answer
Marks

14 Question Description

A

B

D

## Correct Answer

Marks

If first and third digits of each number are interchanged and then numbers are arranged in ascending order then which of the following will be the second number from right end?

27647983986254936278

2764

9862

7983

5493

None of the above

C

1

225: 12: 435:?

```
12
```

20
25
19

None of the above

Correct Answer

Marks

D 1



| Question Description | Directions: Read the following information carefully and answer the questions given beside. |
| :---: | :---: |
|  | Certain numbers of persons sit around a square table such that nobody sits at the corner and not more than 4 persons sit around each of the sides. Information about few persons is given and all the persons face towards the centre. Only 4 persons sit between P and T , who is on the immediate left of Q . S is sixth to the right of $U$. $R$ is at a gap of two persons from $U$, who is adjacent to $T$. Only one person sits between $R$ and $V$, who is third to the right of $S$. <br> What is the position of R with respect to Q ? |
| A | Immediate right |
| B | Fifth to the right |
| C | Fifth to the left |
| D | Immediate left |
| E | None of the above |
| Correct Answer | C |
| Marks | 1 |

## Correct Answer

Marks
1

21 Question Description
Select the related word/letters/number from the given alternatives
343: 678::512:?

A

B

C

D

E

| Correct Answer | D |
| :--- | :--- |
| Marks | 1 |

22

| No. of families |
| :--- |
| having VCR |


| No. of families |
| :---: |
| having Scooter |
| No. of families |
| having Maruti |

Find out the number of families which have TV and scooter both but have neither VCR nor Maruti.

## Correct Answer <br> A

Marks

## Question Description

A

B

C

D

E

Correct Answer C
Marks

## Question Description

A

B

C

Correct Answer
Marks
130

360

500

540

1

FUX

PKN

HSV

MNP

D
1

A train 800 metres long is running at a speed of $78 \mathrm{~km} / \mathrm{h}$. If it crosses a tunnel in 1 minute, then the length of the tunnel (in meters) is:

None of the above

Four of the following five are related to each other in terms of English alphabet series and thus form a group. Which of the following does not fit to that group?

None of the above

| 2 | 2 | 1 |
| :--- | :--- | :--- |

$\square$

| 5 | 5 | 3 |
| :--- | :--- | :--- |$?$

Correct Answer
Marks

11

19

15

22

None of the above

D
1
?\#\%
*\#?
*\#/
??\#

None of the above

Correct Answer
Marks

## Question Description

A

B

C

D

E

Correct Answer E
Marks
One

Two

Three

Four

None of the above

1

How many such pairs of letters are there in the 'CONDITIONAL' each of which has as many letters between them in the word as in the English Alphabet?

## Question Description

## Correct Answer

Marks

There is a certain relationship between two given pair on both side of ' $\because:$ ' . One word is given on another side of ' $\because:$ ' while another word is to be found from the given options, having the same relation with this word as the words of the given pair . Choose the correct word from the following options.
taxonomy : Classification : : Pedology : ?

Nature

Farming

Soil

Mountain

None of the above

C
1

## Question Description

A

B

C

## Correct Answer

Marks

If a meaningful English word has to be formed using second, fifth, sixth and ninth letters of the word PREMATURE then which is the third letter of the new word. If no such word can be formed then mark ' X ' as your answer and if more than one word can be formed then mark ' Y ' as your answer.

A

X

T

Y

None of the above

D
1

1

2

3

4

None of the above

## Correct Answer

Marks
A

B

C

D

E

(1)

(2)

(3)

(4)



| 33 | Question Description | At 3:40, the hour hand and the minute hand of a clock form an angle of: |
| :---: | :---: | :---: |
|  | A | $120^{\circ}$ |
|  | B | $125^{\circ}$ |
|  | C | $130^{\circ}$ |
|  | D | $135^{\circ}$ |
|  | E | None of the above |
|  | Correct Answer | C |
|  | Marks | 1 |
| 34 | Question Description | Study the following Statements carefully and choose which of the assumptions is implicit. Choose your answer accordingly: <br> Statement : "If you are a mechanical engineer, we want you as our supervisor." - an advertisement by company X <br> Assumptions: <br> I. Mechanical engineers are expected to be better performers by company X <br> II. The company X needs supervisors |
|  | A | if only assumption I is implicit |
|  | B | if only assumption II is implicit |
|  | C | if either I or II is implicit |
|  | D | if neither I nor II is implicit |
|  | E | None of the above |
|  | Correct Answer | B |
|  | Marks | 1 |


| Question Description | Choose the pair that best represents a similar relationship to the one expressed in the original pair of words. <br> PASTORAL : RURAL |
| :--- | :--- |
| A | metropolitan : urban |
| B | harvest : autumn |
| C | agrarian : benevolent |
| D | Noepy : nocturnal |
| E | None of the above |
| Correct Answer | A |
| Marks | 1 |


B

Marks
H月

None of the above

Select the related word/letters/number from the given alternatives
Burglar : House : : Pirate : ?

| A | Sea |
| :--- | :--- |
| B | Ship |
| C | Sailor |
| D | Crew |
| E | None of the above |
| Correct Answer | B |
| Marks | 1 |

1. $15 \div 5 \times 2-6+3=28$
2. $15 \times 5+2-6 \div 3=56.5$
3. $15+5-2 \div 6 \times 3=3$
4. $15-5+2 \times 6 \div 3=41$

3

1

2

4

None of the above

A
1

## Correct Answer

## Marks

What will be the last letter of the meaningful 4-letter English word formed using 1st and 5th letter of "Barber" along with 2nd and 6th letter of "Parking" such that each letter to be used once? If more than one such word can be formed then mark ' X ' as your answer, if no such word can be formed then mark " Y ' as your answer.

E

A

X

None of the above

D
1

## Question Description

## Correct Answer

Marks

Below mentioned is to be answered using the statement I and statement II. You have to determine the statement(s ) which is/are sufficient to answer the question. Mark the option accordingly.

If the code for 'pain' is 20 then find the code for "loss pain no gain"?
Statement I : "loss money gain nothing" is coded as 25784163 and "nothing loss no profit" is coded as 58413625.
Statement II : "gain weight no health" is coded as 21783614 and "no exercise health loss" is coded as 57361425.

If the data in statement I alone is sufficient to answer the question

If the data in statement II alone is sufficient to answer the question

If the data in statements I and II is necessary to answer the question

If the data in statements I and II is not sufficient to answer the question

None of the above

C

1

| Question Description | Select the related word/letters/number from the given alternatives <br> A <br> A $175:: 32: ?$ |
| :--- | :--- |
| B | 150 |
| C | 170 |
| D | 162 |
| E | 160 |
| Correct Answer | None of the above |
| Marks | D |

43 Question Description
Select the option figure in which the given figure is embedded (rotation is NOT allowed).

A


C


D


None of the above

## Correct Answer

B

Marks

## Correct Answer

## Marks

Directions: An alphanumeric machine accepts letters as input and delivers output in form of numbers through different steps. Each step is obtained by applying an operation different from the previous step. Each step gives output taking input from the previous step. Below mentioned is an illustration of the same.
Input : upsurge beyond difficulties attribute their findings life shower
Step 1:9425164444
Step 2: 1382920
Step 3: 1612
Step 4: 12
Step 4 is the last step of the output.
Find the different steps of output for the following input.
Input : small expectations large results transform normal into abnormal

If ' 2 ' is added to the last number from left end in step 2 , then what would be its impact on the final output?

Final output will increase by 12

Final output will increase by 10

Final output will increase by 14

Final output will increase by 13
None of the above

C
1


## Correct Answer

Marks
1

Find the statement that must be true according to the given information.

Ten new television shows appeared during the month of September. Five of the shows were sitcoms, three were hour-long dramas, and two were newsmagazine shows. By January, only seven of these new shows were still on the air. Five of the shows that remained were sitcoms.

D
E

## Correct Answer

Marks

Only one of the news-magazine shows remained on the air.

Only one of the hour-long dramas remained on the air.
At least one of the shows that was cancelled was an hour-long drama.

Television viewers prefer sitcoms over hour-long dramas.

None of the above
C
1

| Comprehension |  |
| :---: | :---: |
|  | Read the passage and answer the questions below: <br> Americans, I am aware, believe that they will produce Literature and Art, as they produce coal and steel and oil, by the judicious application of intelligence and capital; but here they do themselves injustice. The qualities that are making them masters of the world, unfit them for slighter and less serious pursuits. The future is for them the kingdom of elevators, of telephones, of motorcars, of flying machines. Let them not idly hark back, misled by the effete traditions, to the old European dream of the kingdom of heaven ...let them say, "for Europe, Letters and Art", let America rule the world by syndicates and trusts!" For such is her true destiny, and that she conceives it to be such, is evidenced by the determination with which she has suppressed all irrelevant activities. Every kind of disinterested intellectual operation she has severely repudiated. |
| Question Description | The essence of American character, as suggested in the passage, lies in the phrase |
| A | disinterested intellectual operation |
| B | production of coal and steel and oil |
| C | desire for mastery over the world |
| D | sane use of intelligence and wealth |
| E | None of the above |
| Correct Answer | D |
| Marks | 1 |



| Comprehension |  |
| :---: | :---: |
|  | Read the passage and answer the questions below: <br> Americans, I am aware, believe that they will produce Literature and Art, as they produce coal and steel and oil, by the judicious application of intelligence and capital; but here they do themselves injustice. The qualities that are making them masters of the world, unfit them for slighter and less serious pursuits. The future is for them the kingdom of elevators, of telephones, of motorcars, of flying machines. Let them not idly hark back, misled by the effete traditions, to the old European dream of the kingdom of heaven ...let them say, "for Europe, Letters and Art", let America rule the world by syndicates and trusts!" For such is her true destiny, and that she conceives it to be such, is evidenced by the determination with which she has suppressed all irrelevant activities. Every kind of disinterested intellectual operation she has severely repudiated. |
| Question Description | The following is not a synonym for "effete" |
| A | affected |
| B | effective |
| C | enfeebled |
| D | effeminate |
| E | None of the above |
| Correct Answer | B |
| Marks | 1 |



| Comprehension | Read the passage and answer the questions below: <br> Americans, I am aware, believe that they will produce Literature and Art, as they produce coal and steel and oil, by the judicious <br> application of intelligence and capital; but here they do themselves injustice. The qualities that are making them masters of the <br> world, unfit them for slighter and less serious pursuits. The future is for them the kingdom of elevators, of telephones, of motor- <br> cars, of flying machines. Let them not idly hark back, misled by the effete traditions, to the old European dream of the kingdom of <br> heaven ...let them say, "for Europe, Letters and Art", let America rule the world by syndicates and trusts!" For such is her true <br> destiny, and that she conceives it to be such, is evidenced by the determination with which she has suppressed all irrelevant <br> activities. Every kind of disinterested intellectual operation she has severely repudiated. |
| :--- | :--- |
| Question Description | Select the option closest in meaning to the phrase "severely repudiated" in the passage |
| A refused to fulfil |  |
| B | refused to discharge |
| C | rejected outright |
| D | refused to accept |
| None of the above |  |
| Correct Answer | 1 |


| Comprehension | Read the passage and answer the questions below: <br> The entire industrial world, this technological wonder-world, has been built because we have been watching helplessly, hypnotized by its brilliance, unable to turn our eyes away from the life of luxury it promises, or to make the small change in our daily habits which might mitigate its destructiveness. This knowledge without character--extraordinary technical expertise-- without the will or wisdom to use it well. In Gandhi's perspective, it is up to individuals like you and me to reverse this situation. Environmental abuse and exploitation are not necessary evils"-no evil is necessary. In fact, Gandhi went so far as to say that evil in itself is not even real; it exists only as long as we support it. |
| :---: | :---: |
| Question Description | Find a word from the passage which means "alleviate" |
| A | extraordinary |
| B | hypnotised |
| C | support |
| D | mitigate |
| E | None of the above |
| Correct Answer | D |
| Marks | 1 |


| Comprehension | Read the passage and answer the questions below: <br> The entire industrial world, this technological wonder-world, has been built because we have been watching helplessly, hypnotized by its brilliance, unable to turn our eyes away from the life of luxury it promises, or to make the small change in our daily habits which might mitigate its destructiveness. This knowledge without character--extraordinary technical expertise-- without the will or wisdom to use it well. In Gandhi's perspective, it is up to individuals like you and me to reverse this situation. Environmental abuse and exploitation are not necessary evils"-no evil is necessary. In fact, Gandhi went so far as to say that evil in itself is not even real; it exists only as long as we support it. |
| :---: | :---: |
| Question Description | "This knowledge without character--extraordinary technical expertise-- without the will or wisdom to use it well". This statement implies that the extraordinary technological know-how lacks |
| A | users with good intentions and wisdom |
| B | technology that is useful to life |
| C | ordinary use of technology |
| D | willpower and prudence |
| E | None of the above |
| Correct Answer | A |
| Marks | 1 |


| Comprehension | Read the passage and answer the questions below: <br> The entire industrial world, this technological wonder-world, has been built because we have been watching helplessly, hypnotized by its brilliance, unable to turn our eyes away from the life of luxury it promises, or to make the small change in our daily habits which might mitigate its destructiveness. This knowledge without character--extraordinary technical expertise-- without the will or wisdom to use it well. In Gandhi's perspective, it is up to individuals like you and me to reverse this situation. Environmental abuse and exploitation are not necessary evils"-no evil is necessary. In fact, Gandhi went so far as to say that evil in itself is not even real; it exists only as long as we support it. |
| :---: | :---: |
| Question Description | The phrase "individuals like you and me" refers to |
| A | everyone who is reading this |
| B | only the author and his reader |
| C | ordinary sensitive citizens |
| D | wise and powerful persons |
| E | None of the above |
| Correct Answer | C |
| Marks | 1 |


| Comprehension | Read the passage and answer the questions below: <br> The entire industrial world, this technological wonder-world, has been built because we have been watching helplessly, hypnotized by its brilliance, unable to turn our eyes away from the life of luxury it promises, or to make the small change in our daily habits which might mitigate its destructiveness. This knowledge without character--extraordinary technical expertise-- without the will or wisdom to use it well. In Gandhi's perspective, it is up to individuals like you and me to reverse this situation. Environmental abuse and exploitation are not necessary evils"-no evil is necessary. In fact, Gandhi went so far as to say that evil in itself is not even real; it exists only as long as we support it. |
| :---: | :---: |
| Question Description | The following phrase or word in the passage best describes the "situation" that needs to be reversed. |
| A | use of technology for environmental abuse |
| B | Gandhi's perspective |
| C | exploitation |
| D | technological wonder- |
| E | None of the above |
| Correct Answer | A |
| Marks | 1 |


| Comprehension | Read the passage and answer the questions below: |
| :---: | :---: |
|  | The entire industrial world, this technological wonder-world, has been built because we have been watching helplessly, hypnotized by its brilliance, unable to turn our eyes away from the life of luxury it promises, or to make the small change in our daily habits which might mitigate its destructiveness. This knowledge without character--extraordinary technical expertise-- without the will or wisdom to use it well. In Gandhi's perspective, it is up to individuals like you and me to reverse this situation. Environmental abuse and exploitation are not necessary evils"-no evil is necessary. In fact, Gandhi went so far as to say that evil in itself is not even real; it exists only as long as we support it. |
| Question Description | "Environmental abuse and exploitation are not necessary evils-no evil is necessary". This statement contains two premises about "environmental abuse and exploitation". Select them from the following options |
| A | they are avoidable; all evils are unavoidable |
| B | they are unavoidable; all evils are avoidable |
| C | they are avoidable; all evils are not unavoidable |
| D | they are unavoidable; all evils are unavoidable |
| E | None of the above |
| Correct Answer | C |
| Marks | 1 |

\(\left.$$
\begin{array}{l|l}\text { Comprehension } & \begin{array}{l}\text { Study the following information carefully and answer the below questions. } \\
\text { A Family of three generation consists of eight members- E, H, I, M, O, T, S, and Y. There are three married couples. S is the only } \\
\text { daughter of M who is the mother-in-law of T. O is the daughter of H who is the spouse of T. E is the daughter of I. Y is the father- } \\
\text { in-law of I. S is married. }\end{array}
$$ <br>

Question Description \& Who among the following person is the granddaughter of Y?\end{array}\right\}\)| A | E |
| :--- | :--- |
| B | H |
| C | E and O |
| D | None of the above |
| E | D |
| Correct Answer | 1 |


| Comprehension | Study the following information carefully and answer the below questions. <br> A Family of three generation consists of eight members- E, H, I, M, O, T, S, and Y. There are three married couples. S is the only <br> daughter of M who is the mother-in-law of T. O is the daughter of H who is the spouse of T. E is the daughter of I. Y is the father- <br> in-law of I. S is married. |
| :--- | :--- |
| Question Description | Four of the following are alike in a certain way. Who among the following one does not belong to the group? |
| A | M |
| B | S |
| C | T |
| D | I |
| E | None of the above |
| Correct Answer | D |
| Marks |  |


| Comprehension | Study the following information carefully and answer the questions given beside: <br> In a certain code language, <br> 'There is Park' is written as 'nup yex ace’ <br> 'People in Schools' is written as 'ybx cvu vcl' <br> 'Several Schools Are Present There' is written as 'cal del vuc ybx yex' <br> 'Park is Dark' is written as 'nup cig ace' <br> 'Dark People in Several Park' is written as 'vcl cal nup cig cvu' |
| :---: | :---: |
| Question Description | Which of the following could be the code for 'all present park there'? |
| A | del yex clu nup |
| B | cuv aec pun exy |
| C | clu exy gic pun |
| D | uvc pun exy led |
| E | None of the above |
| Correct Answer | A |
| Marks | 1 |


| Comprehension | Study the following information carefully and answer the questions given beside: <br> In a certain code language, <br> 'There is Park' is written as 'nup yex ace' <br> 'People in Schools' is written as 'ybx cvu vcl' <br> 'Several Schools Are Present There' is written as 'cal del vuc ybx yex' <br> 'Park is Dark' is written as 'nup cig ace' <br> 'Dark People in Several Park' is written as 'vcl cal nup cig cvu' |
| :---: | :---: |
| Question Description | What could be the code 'cig ybx gkl vcl' stand for in the given code language? |
| A | Dark In People There Park |
| B | Near People Dark Schools |
| C | Schools Present There Park |
| D | People Set Park Schools |
| E | None of the above |
| Correct Answer | B |
| Marks | 1 |

