Passion for making a difference

## INSTRUCTIONS TO CANDIDATES:

1. Use Black Ballpoint Pun for shading inside the circles as shown here,
2. Shade anly one circle for every question.
3. Do not make any atray marki io this sheet.

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Date \& Time of Test 08.08.201) \& $10 a \mathrm{~m}$

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## 1. Candidate Name

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3. Cognizant Application ID
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SIGNATURE OF THE CANDIDATE

| Education Details | Degree | Branch | Year of Passing | College |
| :---: | :---: | :---: | :---: | :---: |
| x | SSLC | - | 2006 | 'ABC' SCHOOL |
| xll | HST | - | 2008 | 'SB' SCHOOL |
| Diploma | - |  |  |  |
| US | BE | MECHANICAL | 2012 | ' $X Y Z$ ' COLLEGE |
| PG |  |  |  |  |

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ONE QUESTION NIL BE AGED ON SOFTSKILLS WHICH NGGDS A DGTALED ANSWER, NOT IN BULLET POINTS.

## Directions for Question 1:

Given below are four figures, of which three are similar and the fourth one is different. Find the odd figure.
1)
A)

B)

D)


Directions for Question 2-3:
Each question has two statements and some conclusions. Choose the conclusion that logically follows:
2) Some men are weird

Some weird are students
A) All men are weird
B) Some men are weird
C) Some men who are weird are students
D) None of the options
3) People who know Sanskrit also know Malayalam.

People who don't know Malayalam know Kannada.
A) People who dont know Sanskrit and Malayalam, know Kannada
B) People who dont know Malayalam or Sanskrit, Know Kannada
C) Both A and B
D) None of the options

Directions for Questions 4-5:
Assuming the statement given in each question to be true, choose the inference as one of the following:
(A) - True
(B) - False
(C) - Uncertain
(D) - None of the options
4) Statement: All others, apart from Persian men are not intelligent. Inference: All Persians are intelligent.
A) A
B) $B$
C) C
D) $D$
5) Statement: All that glitters is not gold. Inference: Some things which glitter are not gold.
A) A
B) $B$
C) C
D) $D$

Directions for Questions 6-7:
Which of the given options logically follows the given
statement? statement?
6) None of the people from America have knowledge about Indian Villages.
a) Alberto has knowledge about Indian Villages.
b) Alberto doesn't have knowledge about Indian Villages
c) Alberto is not an American
d) Alberto is an American
A) ad and cb
B) ac and db
C) ca and bd
D) None of the options
7) I am at my paying guest accommodation if I am not in the office.
a) I am at my paying guest accommodation.
b) I am at my office.
c) I am not at paying guest accommodation.
d) I am not at my office.
A) $c b$
B) cd
C) ad
D) None of the options

## Directions for Questions 8-9:

In the following questions, mark
1, if statement I alone can help determine the conclusion 2, if statement II alone can heip determine the conclusion 3, if statement I and II taken together can help determine the conclusion
4, if none of the statements, taken together or separately, can help determine the conclusion
8) Conclusion: An identity card needs to be provided for a person to open an account in HDFC bank.
Statement I: Every bank has certain formalities that must be completed in order to open an account in the bank. Statement II: Josh was unable to open an account in HDFC bank because he did not produce an identity card.
A) 1
B) 2
C) 3
D) 4
9) Conclusions: Matt leaves office everyday only when he finishes his work.

Statement I: Matt has finished his work.
Statement II: Matt left for the day soon after he finished his work.
A) 1
B) 2
C) 3
D) 4

Directions for Questions 10-13
17) In a certain code, HARDWARE is written as 6C16F21C16G. How is SOLUTION written in that code?
Read the following information and answer the questions that follow:

Brad Pitt owns four companies, namely Mysoft,
Cybervision, Twilight Electricals and Synomach. The following data was obtained for the year 2004-05.
The sales of Mysoft is 4 crores less than the sales of Synomach.
The expense of Cybervision is equal to the profit of Twilight Electricals and is equal to 7 crores.
Synomach incurred an expense of Rs. 14 crores.
The expense of Twilight Electricals is 5 crores more than the profit of Synomach.
Mysoft sales is $\mathbf{2}$ crores more than its expense.
The profit of Cybervision is 1 crore less than that of Twilight Electricals.
The expense of Synomach is $\mathbf{1}$ crore more than the sales of Mysoft.
The expense of Synomach is $\mathbf{3}$ crores less than its sales. Note: sales-expenses=profit
10) What is the total profit earned by all the four companies during the year 2004-05?
A) Rs. 15 crores
B) Rs. 17 crores
C) Rs. 18 crores
D) Rs. 20 crores
11) What is the total expense incurred by all the four companies during the year 2004-05?
A) Rs. 10 crores
B) Rs 20 crores
C) Rs. 30 crores
D) Rs. 40 crores
12) What is the total sales of all the four companies during the year 2004-05?
A) Rs. 50 crores
B) Rs 55 crores
C) Rs. 58 crores
D) Rs. 60 crores
13) Which company earned the highest profit?
A) Mysoft
B) Cybervision
C) Twilight Electricals
D) Synomach
14) In a certain code, SINGER is written as 421936 , and ACTOR is written as $\mathbf{5 8 0 7 6}$. How is STARTER written in that code?
A) 4756736
B) 4056796
C) 4056036
D) 5765736
15) In a certain language, SUPERMAN is coded as TTQDSLBM. How is SPIDERMAN coded in that language?
A) TOJCEQNZO
B) TOJCDSLBM
C) TOJCFSLBM
D) TOJCFQNZO
16) in a certain language VICTORY is coded as YLFWRUB. How is SUCCESS coded in that language?
A) VXEEIV
B) VXFFIVV
C) VYEEHVV
D) VXFFHVV
A) 19 Q 10 V 18 K 13 P
B) 17 Q 10 W 18 K 13 P
C) 17 Q 10 V 18 K 13 P
D) 19 Q 10 W 18 K 13 P

Directions for Questions 18-21:
In the following questions, three figures, that follow a certain sequence or pattern are given. Find the next figure in the sequence from the Answer choices provided below.
18)

A) A
B) $B$
C) C
D) $D$

A) A
B) 8
C) C
D) $D$
20)

Problem Figures

A) A
B) $B$
C) C
D) D
21)

A) A
B) $B$
C) C
D) D

Directions for Questions 22-24:
Choose the image, which is similar to the problem image:
22)

A)

C)

B)

D)

zJvnar can de me minimum number of 'others' in UP who died post natal?
A) 1
B) 2
C) 3
D) 4
26) What can be the maximum number of children that could have survived after home delivery?
A) 19
B) 20
C) 10
D) 29
27) Delivery in home is how many percent more than that of not delivered?
A) $50 \%$
B) $100 \%$
C) $200 \%$
D) None of the options
28) The number of People who died in Delhi in institutions is what percentage of ST of Uttranchal?
A) $33.33 \%$
B) $100 \%$
C) $200 \%$
D) None of the options

Directions for Questions 29-30:
Which of the given options logically follows the given statement?
29) If one is in love, he finds happiness all around him.
a) Christopher is in love.
b) Christopher is feeling happy.
c) Christopher is not in love.
d) Christopher is feeling normal.
A) ba
B) cd
C) $d c$
D) ad
30) The bus stops only at bus-stations.
a) The bus stopped
b) The bus did not stop
c) It is a bus station
d) It is not a bus station
A) ca
B) bd
C) cb
D) ac

When did death occur

| Ante Natal | 17 | 4 | 1 | 0 |  | 22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dumpe Child bith | 4 | 1 | 0 | 2 |  | 7 |
| Pesinalal | 36 | 8 | 4 | 6 | 9 | 65 |
| Total | 57 | 13 | 5 | 19 | 3 | 34 |

Place of death

| Hane | 10 | 3 |  | 5 | 3 | 24 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Prislifion | 3 | 7 | 3 | 3 | 6 | 55 |
| On the way to <br> Hosplay | 11 |  | 2 | 2 |  | 5 |
| That | 57 | 13 | 5 | 0 | 3 | 94 |

## Place of delivery

| Hanle | 29 | 7 |  | 7 | 1 | 44 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| irstuation | 12 | 2 | 4 | 3 | 7 | 26 |
| Not Dehvered | 16 | 4 | 1 |  | 1 | 22 |
| Total | 57 | 13 | 5 | 10 | 9 | 94 |

Directions for Questions 31-32:

Identify the CORRECT sentence(s) in the following questions
31)
a) We have finally solved the problem with the means of a device invented by ISRO.
b) is it possible for you to tackle the current situation?
c) They know me with my name individually.
d) The salary will be given depending on the experience you have.
A) a and b
B) c
C) $a$ and d
D) $b$
32)
A) They were. annoyed with us at charging them.
B) The expected cut in interest will be good for industry.
C) The Export Manager is responsible about the Sales Director.
D) He said he was sorry keeping me for waiting.
A) Both $A$ and $B$
B) Only B
C) Only C
D) Both C and D

Directions for Questions 33-37:
Read the passage and answer the questions that follow on the basis of the information provided in the passage.

It is frequently assumed that the mechanization of work has a revolutionary effect on the lives of the people who operate the new machines and on the society into which the machines have been introduced. For example, it has been suggested that the employment of women in industry took them out of the household, their traditional sphere, and fundamentally altered their position in society.

In the nineteenth century, when women began to enter factories, Jules Simon, a French politician, warned that by doing so, women would give up their femininity. Friedrich Engels, however, predicted that women would be liberated from the "social, legal, and economic subordination" of the family by technological developments that made possible the recruitment of "the whole female sex into public industry." Observers thus differed concerning the social desirability of mechanization's effects, but they agreed that it would transform women's lives. Historians, particularly those investigating the history of women, now seriously question this assumption of transforming power. They conclude that such dramatic technological innovations as the spinning jenny, the sewing machine, the typewriter, and the vacuum cleaner have not resulted in equally dramatic social changes in women's economic position or in the prevailing evaluation of women's work. The employment of young women in textile mills during the Industrial Revolution was largely an extension of an older pattern of employment of young, single women as domestics.

It was not the change in office technology, but rather the separation of secretarial work, previously seen as an apprenticeship for beginning managers, from administrative work that in the 1880's created a new class of "dead- end" jobs, henceforth considered "women's work."

The increase in the numbers of married women employed outside the home in the twentieth century had less to do with the mechanization of housework and an increase in leisure time for these women than it did with their own economic necessity and with high marriage rates that shrank the available pool of single women workers, previously, in many cases, the only women employers would hire. Women's work has changed considerably in the past 200 years, moving from the household to the office or the factory, and later becoming mostly whitecollar instead of blue-collar work.
Fundamentally, however, the conditions under which women work have changed little since before the Industrial Revolution: the segregation of occupations by gender, lower pay for women as a group, jobs that require relatively low levels of skill and offer women little opportunity for advancement all persist, while women's household labor remains demanding. Recent historical investigation has led to a major revision of the notion that technology is always inherently revolutionary in it effects on society. Mechanization may even have slowed any change in the traditional position of women both in the labor market and in the home.
33) Which of the following statements best summarizes the main idea of the passage?
A) The effects of the mechanization of women's work have not borne out the frequently held assumption that new technology is inherently revolutionary.
B) Recent studies have shown that mechanization revolutionizes a society's traditional values and the customary roles of its members.
C) Mechanization has caused the nature of women's work to change since the Industrial Revolution.
D) The mechanization of work creates whole new classes of jobs that did not previously exist.
34) The author mentions all of the following inventions as examples of dramatic technological innovations EXCEPT the:
A) Sewing machine
B) Vacuum cleaner
C) Typewriter
D) Telephone
35) It can be inferred from the passage that, before the Industrial Revolution, the majority of women's work was done in which of the following settings?
A) Textile mills
B) Private households
C) Offices
D) Factories
36) It can be inferred from the passage that the author would consider which of the following to be an indication of a fundamental alteration in the conditions of women's work?
A) Statistics showing that the majority of women now occupy white-collar positions.
B) Interviews with married men indicating that they are now doing some household tasks
C) Surveys of the labor market documenting the recent creation of a new class of jobs in electronics in which women workers outnumber men four to one.
D) Census results showing that working women's wages and salaries are, on the average, as high as those of working men.
37) The passages states that, before the twentieth century, which of the following was true of many employers?
A) They did not employ women in factories.
B) They tended to employ single rather than married women.
C) They employed women in only those jobs that were related to women's traditional household work.
D) They resisted technological innovations that would radically change women's roles in the family.

Directions for Questions 38-42:
Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Unquestionably, a literary life is for most part an unhappy
life, because, if you have genius, you must suffer the penalty of genius; and, if you have only talent, there are so many cares and worries incidental to the circumstances of men of letters, as to make life exceedingly miserable. Besides the pangs of composition, and the continuous disappointment which a true artist feels at his inability to reveal himself, there is the ever-recurring difficulty of gaining the public ear. Young writers are buoyed up by the hope and the belief that they have only to throw that poem at the world's feet to get back in return the laurel-crown; that they have only to push that novel into print to be acknowledged at once as a new light in literature. You can never convince a young author that the editors of magazines and the publishers of books are a practical body of men, who are by no means frantically anixious about placing the best literature before the public. Nay, that for the most part they are mere brokers, who conduct their business on the hardest lines of a Profit and Loss account. But supposing your book fairly launches, its perils are only beginning. You have to run the gauntlet of the critics.

To a young author, again, this seems to be as terrible an ordeal as passing down the files of Sioux or Comanche Indians, each one of whom is thirsting for your scalp. When you are a little older, you will find that criticism is not much more serious than the bye-play of clowns in a circus, when they beat around the ring, the victim with bladders slung at the end of long poles. A time comes in the life of every author when he regards critics as comical rather than formidable, and goes his way unheeding. But there are sensitive souls that yield under the chastisement and, perhaps, after suffering much silent torture, abandon the profession of the pen for ever.

Keats, perhaps, is the saddest example of a fine spirit hounded to death by savage criticism; because, whatever his biographers may aver, that furious attack of Gifford and Terry undoubtedly expedited his death. But no doubt there are hundreds who suffer keenly from hostile and unscrupulous criticism, and who have to bear that suffering in silence, because it is a cardinal principle in literature that the most unwise thing in the world for an author is to take public notice of criticism in the way of defending himself. Silence is the only safeguard, as it is the only dignified protest against insult and offence.
38) Why is the literary life mostly an unhappy one?
A) Because a genius suffers the penalty of genius, and a
talented person has so many cares and worries
B) Because it is mostly a lonely life
C) Because it does not pay much materialistically
D) Because it is difficult to get a reading public
39) What are the ambitions of a young author?
A) To be acknowledged as a new light in literature
B) To be able to reveal himself
C) To gain a public ear
D) To get his composition published
40) Are editors and publishers sympathetic to young authors?
A) They are
B) They are not
C) They are anxious about placing only the best literature before the public
D) They are mere brokers who conduct their business on the hardest lines of a Profit and Loss account.
41) What are the ordeals awaiting the young author from the critics?
A) The critics harass him
B) He has to run the 'gauntlet' of $t$ he critics
C) He has to save his scalp, as the critics throw stones at him
D) The critics are sympathetic towards him
42) What attitude should an author adopt in the face of bitter criticism?
A) He should defend himself
B) He should regard critics formidable and change his way of writing
C) He should suffer silentiy
D) He should take criticism as not more than the bye-play of clowns in a circus and go his way unheeding.

Directions for Question 43:
Identify the CORRECT statement(s) in the following question
43)
A) He boasted about his being accomplishments.
B) I had scarcely begun to write than he entered the room.
C) He behaved cowardly in the battle-fish.
D) Nothing but books and music please him.
A) A
8) $B$
C) C
D) D
49)
A. He felt justified in bypassing Congress altogether on a variety of moves.
B. At times he was fighting the entire Congress.
C. Bush felt he had a mission to restore power to the presidency.
D. Bush was not fighting just the democrats.
E. Representative democracy is a messy business, and a CEO of the White House does not like a legislature of second guessers and time wasters.
A) CAEDB
B) DBAEC
C) CEADB
D) ECDBA

## 50)

A) Non-violence is not quality to be evolved
B) or expressed to order.
C) upon intense individual effort.
D) It is an inward growth depending for sustenance
45)
A) The prime Minister Vajpayee must be priding himself on an inflating rupee.
B) Stability must be perceived by Vajpayee's team as a rock that defies laws of economics and gravity.
C) The BJP must be fuming over its loss of territory in fuming over exchange-rate fiascos.
D) I do not know what the prime minister thinks of the recent sharp decline in the exchange rate but I got the impression that the BJP is unhappy.
A) Only A
B) Both B \& C
C) Both A \& C
D) Only D
46)
a) Bread \& jam are the most common breakfast served in most five-star hotels.
b) Mangoes costs Rs. $\mathbf{4 0}$ per kilo in summer even in the villages.
c) They survives on just soup and noodles in the college hostel.
A) $A B C D$
B) $A C B D$
C) $A B D C$
51)
P) People who had participated in the dance seemed to appreciate it very much.
Q) The dance floor was full, and my solo was the best l'd done in a long while.
R) At its end, the singer said, "Let's give Wayne a special round of applause. That's the first time he's ever played that piece".
S) One night there was magic in the air. We could do $n$ wrong.
T) I played lead guitar in a popular weekend bar band for years.
U) My chest swelled with pride, until he added, "Properly, that is".
A) TSQUPR
B) TSQPRU
C) PQRSTU
D) PQRSUT

Directions for Question 52:
Identify the CORRECT sentence(s) in the following question
52)
A) We studied by ourselves for this lesson.
B) I have a book, it's my book.
C) They have a truck, that's them truck.
D) You must clean the room by itself.
A) Both A and B
B) Only B
C) Both C and D
D) Only C

Directions for Questions 53-55:
Identify the INCORRECT statement(s) in the following questions
53)
A) Do not get tempted by these temporal pleasures.
B) He is far too sensible to have been done a fatuous thing like this.
C) The office wore a macabre look on Friday after the company downsized its staff strength.
D) The bill was passed in the parliament with a wafer thin margin.
A) Both A and B
B) Both C and D
C) Only B
D) Only C
54)
A) Because strict constructionists recommend fidelity to the Constitution as written, no one objects more than they do judicial reinterpretation.
B) When a candidate runs for office, he must expect to have his personal life scrutinized.
C) Einstein, who was a brilliant mathematician, used his ability with numbers to explain the universe.
D) Despite the cuts, there are services the hospital has, and will continue to provide to doctors.
A) Only A
B) Both A and C
C) Only D
D) Both B and D
55)
A) When some of this waste came to India, this resulted in several explosions.
B) Respiratory problems, rashes, bleeding, open sores started almost immediately.
C) Independent India consciously continued the civil service after changing nomenclature to the Indian Administrative Service.
D) Initially, civil servant operated the levers of power efficiently in line with the vision of great patriot-statesmen like Sardar Patel and Maulana Abdul Kalam Azad in a Cabinet headed by a visionary Jawaharlal Nehru.
A) A,B and C
B) B and C
C) C and D
D) A,C and D

| ANSWER KEY |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 | C |  | 31 | B |
| 2 | D |  | 32 | B |
| 3 | D |  | 33 | A |
| 4 | C |  | 34 | D |
| 5 | A |  | 35 | B |
| 6 | B |  | 36 | D |
| 7 | D |  | 37 | B |
| 8 | B |  | 38 | A |
| 9 | D |  | 39 | A |
| 10 | C |  | 40 | D |
| 11 | D |  | 41 | B |
| 12 | C |  | 42 | D |
| 13 | C |  | 43 | D |
| 14 | C |  | 44 | A |
| 15 | D |  | 45 | D |
| 16 | D |  | 46 | D |
| 17 | B |  | 47 | D |
| 18 | A |  | 48 | A |
| 19 | B |  | 49 | D |
| 20 | A |  | 50 | C |
| 21 | D |  | 51 | B |
| 22 | C |  | 52 | B |
| 23 | D |  | 53 | C |
| 24 | C |  | 54 | C |
| 25 | B |  | 55 | C |
| 26 | B |  |  |  |
| 27 | B |  |  |  |
| 28 | D |  |  |  |
| 29 | C |  |  |  |
| 30 | D |  |  |  |

