

## HEARTH AND HOME.

It is generally supposed that a light and buoyant temperament tends to frivolity and to fickleness. But no man is so well qualified to discharge the duties of life as one who acts through a temperament that is glowing and genial. Such a man, above all others, is able to bring to the discharge of his duty such happiness as enables him to be persistent therein.

A magazine writer recently said: "If the soul of a library be its librarian, its heart is the catalogue," but Carlyle said a better thing in declaring that "the true university of these days is a collection of books." Put aside something, if but a halfpenny a day, for the purchase of books. Many in the country are beyond the reach and convenience of libraries, and the setting aside of a small sum daily to be invested in good books will bring advantages which will be lasting in their benefits.

No young man has a right to consider himself thoroughly independent unless he has some vocation by which, health permitting, he can always make a living. And the best and surest employments are those for which there is always a demand. Lawyers, doctors, preachers, professors, clerks—all these and their kindred are frequently a drug in the market; but how seldom is it that a good carpenter, blacksmith, machinist, waggon-maker, shoemaker, tinsmith, bookbinder, or printer has to travel far in search of remunerative employment!

**FEMININE SELF-CONSCIOUSNESS.**—For feminine self-consciousness mothers and nurses and governesses are mostly to blame. Worse educated than boys, girls are much more manipulated. From their earliest years they are taught to think of themselves and consider their actions as boys, healthily brought up, never are. They must not fling themselves about, and they must spread their little skirts gracefully when they sit down; they are cautioned to be "modest," when what the foolish instructress reviles in its essence modesty because it is innocence. What she teaches is in its essence less modesty than self-consciousness; and girls are drilled into "elegance," which means that they are drilled out of all the gracefulness of nature, and made artificial and affected by the laws of "good breeding" and to suit Mrs. Grundy's views.

**VENTILATION OF BED-ROOMS.**—It is at night of all other times, and when we are asleep, that we require to have the largest and most continuous supply of the freshest and purest air. It has been calculated that three thousand cubic feet is the minimum breathing space that should be provided in any sleeping-room for two people—in other words, the room should have the dimensions of fourteen feet by sixteen feet, and should be ten feet in height. Moreover, this three thousand cubic feet of air should be constantly changed and renewed. Every bed-room therefore, all the year round, should have some communication directly or indirectly—say by the window of the room itself, or by that of an adjoining room—with the external air. The highest medical authorities assert that the air in London is never so pure as it is after ten o'clock at night. The air without is right enough; only the air within is it that is dangerous.

**HAPPINESS.**—The idea has been transmitted from generation to generation, that happiness is one large and beautiful precious stone, a single gem so rare, that all search after it is vain, all effort for it hopeless. It is not so. Happiness is a mosaic, composed of many small stones. Each taken apart and viewed singly, may be of little value, but when all are grouped together, and judiciously combined and set, they form a pleasing and graceful whole—a costly jewel. Trample not under foot, then, the little pleasures which a gracious Providence scatters in the daily path, and which, in eager search after some great and exciting joy, we are so apt to overlook. Why should we always keep our eyes fixed on the bright, distant horizon, while there are so many lovely roses in the garden in which we are permitted to walk? The very odor of our chase after happiness may be the reason that she often eludes our grasp. We pantingly strain after her when she has been graciously brought nigh unto us.

AND the perfect Englishwoman, the pure splendor of the feminine ideal, with all the winning beauties of which its very highest realizations are susceptible—we can still find her. We can still watch, if fortune favors us, the union of supreme aristocracy of form and tone, of all the imposing loveliness of the most majestic type, of all the innate nobleness of attitude and motion, of all the sovereign grandeur, with the childlike naturalness which indifference to self can alone produce. We still can see the gentle but eager sweetness, the ever-present sentiment of dignity and duty, the utter ignorance of frivolity and sham, the keen, absorbing sentiment of art, the glittering handling of varied talk, the fond devotion of the mother and the wife, the thousand exalted qualities which make up the true woman, as woman ought to be when she stands forward as an example for society. We still can find all this; it does exist. There are assuredly women among us who possess it; there are, more truly, men who have looked upon it, and who have thanked the fates for permitting them to reverently gaze.

**THE VALUE OF MAN.**—No animal works harder than man, and as a working or domestic animal man may be valued. Dr. Farr has made some curious and interesting calculations as to the value of the agricultural classes. The calculations are not made to correspond to the

working years of man, but allowance is made for the infant and child, who, though not able to work, are valued prospectively; and so, again, in old age, when the labour period is passed, and, as an animal, he consumes more than he produces, his value is considered a minus quantity. The calculations are based upon the Norfolk agricultural classes, in which county the infant labour is worth at the time of birth, \$5. When he has survived the first dangers of infancy, and has advanced five years nearer the time at which he will become a productive agent, his price rises to no less than £65; and this, again, in five years more is something more than doubled. At the age of twenty-five years he has attained his maximum value, £246; and he declines afterwards steadily but slowly, down to £138 at fifty-five years of age, and £1 at the age of seventy. After this age he produces little or nothing, but still he consumes, and when he is eighty years old he is valued at minus £41.

## THE GLEANER.

THE cats of the Isle of Man are without tails.

Mr. Christian K. Ross, the father of the ill-fated Charlie Ross, is still determined not to relinquish the search until he receives positive evidence of his child's death.

AN intelligent French gentleman, a member of the French Commission, stated to the correspondent of the St. Louis Dispatch that he had attended the four World's Fairs, and the Centennial exceeds them all, not only in size but in the immense richness and wonderful variety and practical value of its make-up.

In Algeria there is a river of genuine ink. It is formed by the union of two streams, one coming from a region of ferruginous soil, the other draining a peat swamp. The water of the former is strongly impregnated with iron, that of the latter with gallic acid. When the two waters mingle, the acid of one unites with the iron of the other, forming a true ink.

THE following reply has been received to a letter from an individual at Kensworth, Bedfordshire, addressed to the "Empress Victoria," asking her Majesty's patronage for a Wesleyan bazaar:—"Sir T. M. Biddulph is desired to acknowledge Mr. —'s letter address to the 'Empress Victoria,' and to say that the title is not applicable to the Queen. The Queen is unable to subscribe to purely local objects."

FROM old times it has been the custom of Oxford students to act like a set of rowdies and cads on Commemoration Day and raise whatever disturbance pleases them, in spite of all opposition on the part of the dons. The authorities will now try the experiment of making the students and ladies sit together during the exercises, and see if this will not tone down the manners of the young gentlemen.

DOM PEDRO has "done" Boston on a jump. Saturday week he dined with Longfellow and Lowell, at Cambridge, visited the graves of Sumner and Agassiz, and ended with the Boston Theatre. Sunday morning, with his wife, he went to the cathedral and heard high mass; in the afternoon he visited the Navy Yard and State Prison, and in the evening rode through the suburbs with Mr. and Mrs. Alexander Agassiz. Yesterday morning he visited the Blind Institution and the schools of the city. His coachman says he is "always on time."

THE statue of American Girl, who fell dead on the track of the Elmira Driving Park while trotting a race on the 2nd of October last, was unveiled last week. The statue is a life-like and life-size bronze image of the horse. It stands in the north-west corner of the park. A granite base supports the statue bearing two inscriptions on polished panels. One reads "American Girl; record 2.16; winner of 150 heats in 2:30 or under. Monumentum aere perennius." The other reads, "American Girl, owned by Wm. Lovell of New York, foaled in 1862, dropped dead in the free for all race on this track October 2, 1875."

THE Softas, of whom so much has of late been said in connection with the deposition of Sultan Abdul Aziz, are said to be like no body of men now existing outside of Mohammedan countries. In character they most nearly approach the mixed crowds of university professors and students of Europe during the middle ages. These seemed at that time to be theologians, as the Softas now seem, but theology was then the accepted basis of science and was necessarily followed by all who aspired to culture. The Softas are the cultured classes, or would be if there were such classes in Turkey, as there are not, except in comparison with a very low civilization in all the others.

The *Figaro* tells a strange story concerning the dethroned Sultan—to wit, that he was a connection of the Bonapartes, his grandmother having been a relation of the Empress Josephine. The mother of the Sultan Mahmoud was, in fact, Mdle. Aimée du Luc de Livry, who belonged to one of the oldest families of Martinique, allied by several marriages with the Tascher de la Pagerie. As for Mdle. Aimée, she was sent to France to be educated, and was returning to the West Indies when the vessel on which she had embarked was captured by a corsair. Taken to Algeria she was sold to the Dey, who made her a present to Abdul Ahmed, who was captivated by her beauty, her grace, and talent as a musician. She became favourite, then Valide on the birth of Mahmoud, father of Abdul Majid and Abdul Aziz. The adventures of Mdle. Aimée, who, if she did not, like Maseppa, "cross the

desert to the throne" but the sea to occupy the first place in the affections of the Sultan, have formed the material for more than one novel in France.

THE City of Paris will benefit in more ways than one by the Grand Exhibition to be held in 1878. A loan of 120,000,000 francs will be contracted, and, it is announced, devoted to the realization of several projects conceived during the late Empire. For instance, the Avenue de l'Opéra, starting from the Boulevard des Capucines at the same point as the Rue de la Paix, and of which a small portion only now exists, will be entirely terminated and prolonged to the Place du Théâtre-Français, as was previously intended. The complete execution of this idea, determined upon by the Municipality of Paris during the reign of Napoleon III., was only prevented by the disasters which that Government was unable to survive. The projected avenue upon which an army of workmen will ere long be engaged, must be entirely ready in time for the Grand Exhibition, and lined on each side with handsome mansions, constructed on the same model as those which lend such an imposing appearance to the other principal avenues of Paris. The advantages which will be obtained by piercing this new thoroughfare must be obvious to everyone. This is not the only improvement shortly to be executed. Those who visit the coming Exhibition will be able to note great changes for the better accomplished since the last was held in 1867.

## MODERN WOMEN.

It is a sad commentary upon our boasted civilization that the women of our times have degenerated in health and physique until they are literally a race of invalids—pale, nervous, feeble and back-achy, with only here and there a few noble exceptions in the persons of the robust, buxom ladies characteristic of the sex in days gone by. By a very large experience, covering a period of years, and embracing the treatment of many thousands of cases of those ailments peculiar to Women, Dr. Pierce, of the World's Dispensary, Buffalo, N. Y., has perfected by the combination of certain vegetable extracts, a natural specific, which he does not extol as a cure-all, but one which admirably fulfills a singleness of purpose, being a most positive and reliable remedy for those weaknesses and complaints that afflict the women of the present day. This natural specific compound is called Dr. Pierce's Favorite Prescription. The following are among those diseases in which this wonderful medicine has worked cures as if by magic and with a certainty never before attained by any medicines: Weak back, nervous and general debility, falling and other displacements of internal organs, resulting from debility and lack of strength in natural supports, internal fever, congestion, inflammation and ulceration and very many other chronic diseases incident to women, not proper to mention here, in which, as well as in the cases that have been enumerated, the Favorite Prescription effects cures—the marvel of the world. It will not do harm in any state or condition of the system, and by adopting its use the invalid lady may avoid that severest of ordeals—the consulting of a family physician. Favorite Prescription is sold by dealers in medicines generally.

**NERVOUS HEADACHES.**—How distressing is the complaint with its constant throbbing, so difficult to cure, as it seems to resist all the ordinary remedies; in such cases WINGATE'S NERVO-TONIC PILLS give immediate relief, and in nearly all cases, if the directions are followed, will effect a complete cure.

## OUR CHESS COLUMN.

Solutions to Problems sent in by Correspondents will be duly acknowledged.

All communications intended for this department to be addressed Chess Editor, Office of CANADIAN ILLUSTRATED NEWS, Montreal.

## TO CORRESPONDENTS

M. J. M. Quebec.—Solution of Problem No. 75 received. Correct.  
Sigma, Montreal.—Solution of Problem No. 74, received. Correct.

J. W. S. Montreal.—Letter and game received. Many thanks. The latter shall appear as soon as possible.

H. L. Y. Mount Forest, Ont.—We have looked over your solution of Problem for Young Players No. 72, but think there must be some mistake in the No. on your part. Please, look at it again.

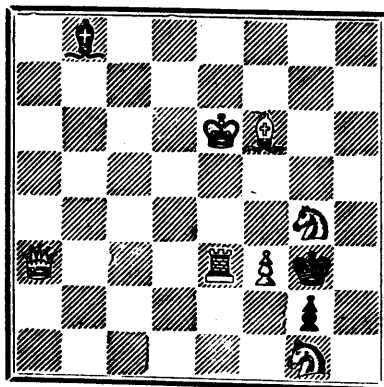
The conflicting accounts which are heard concerning the proposed International Tournament at Philadelphia render it very difficult to say much that will be considered reliable respecting it. The prizes which have been spoken of are so large, and the proceedings altogether so gigantic, that if only a small part is carried out it will eclipse everything in Chess which has heretofore engaged the attention of Chessplayers. The wonderful talent of Paul Morphy, combined with the position which he took among chessplayers in the world, has led our cousins across the line to take great interest in the game and their well-known liberality will lead them to spare no expense, when they have an object to achieve. It is not improbable, then, that the Tournament at Philadelphia may, by the attraction of very large prizes, draw together a galaxy of Chess talent such as the world has never yet seen. We may state, but our information is based on nothing official, that the Tournament is likely to begin on or about the 15th of August next. The time limit will be twelve moves in an hour, and every player will have to play two games with every other player. The prizes, it is said, will range from fifty dollars to two thousand dollars. Play is to commence at 9 a. m. and with a short intermission to continue till midnight. Without attaching much importance to unofficial statements, it is very plain that something considerable in the way of prizes must be offered to induce professional players to come across the ocean to meet antagonists, when they can find ample scope for their ability in their own country.

There is some talk of a great Telegraphic Match between New York and London, but the particulars are not yet published.

## PROBLEM No. 77.

By F. HEALEY.

BLACK



WHITE

Whiteto play and mate in two moves.

GAME 106TH.

(From Land and Water.)

Played at the Philadelphia Chess Club on the 12th of February last, between Captain Mackenzie and Mr. H. Davidson.

(Petroff's Defence.)

WHITE.	BLACK.
(Captain Mackenzie.)	(Mr. H. Davidson)
1. P to K 4	P to K 4
2. Kt to K B 3	Kt to K B 3
3. Kt takes P	P to Q 3
4. Kt to K B 3	Kt takes P
5. P to Q 4	P to Q 4
6. B to Q 3	B to K 2
7. Castles	Castles
8. P to Q B 4	Kt to K B 3
9. Kt to Q B 3	B to K Kt 5
10. B to K 3	Kt to B 3
11. R to K sq	Kt to Q Kt 5
12. B to K B sq	P takes P
13. B takes P	B takes Kt
14. P takes B	Q Kt to Q 4
15. K to R sq	Kt takes P
16. P takes Kt	P to Q B 3
17. P to K 4	Q to Kt 3
18. Q to Q 2	Q R to Q sq
19. Q R to Q sq	Kt to R sq
20. P to K 5	Kt to Q 4
21. Kt to K 4	Q to B 2
22. R to K Kt sq	Q to Q 2
23. B takes Kt	P takes B
24. Q to Kt 2	P to K Kt 3
25. Kt to Kt 3	P to K B 3
26. P to K B 4	P takes P
27. B P takes P	R to B 5
28. Kt to K 2	R to B 4
29. Kt to B 3	R to Kt 4
30. Q to B 3	R to B 4
31. Q to K 3	Q R to K B sq
32. Q to K R 3 (a)	P to Q Kt 4
33. Kt to K 2	Q to B 3
34. R to Q B sq	Q to Kt 3
35. R to B 2	K R to B 2
36. Q to Q 7	B to Kt 4
37. Q takes P	B to K 6
38. P to K 6 (b)	R to B 4
39. P to K 7	R to K sq
40. Q to Q 7	Q to Kt sq
41. R to Kt 3	Q to R sq (ch)
42. R to B 6	R takes P (c)
43. Q to Q 6 (d)	R to B 8 (ch)
44. K to Kt 2	R to B 7 (ch)
45. K to R 3	Q to K B sq.

And White resigned.

NOTES.

- (a) Up to this point the game presents no special features, but here we think White might have captured the Kt's P with Rook. If Black captures the R in return, White obtains a winning advantage by 33 Q to R sixth (ch), etc.  
(b) This is not so forcible as it looks, and in the end it turns out very badly for White.  
(c) All this part of the game is well played by the Philadelphia player.  
(d) White might have prolonged the game by 43 Q to B eighth (ch), etc., but even in that case Black must eventually win.

## SOLUTIONS.

Solution of Problem No. 75.

WHITE.	BLACK.
1. B to Q 5	1. K moves
2. Kt to K 4	2. Any
3. Mates accordingly.	

Solution of Problem for Young Players No. 74.

WHITE.	BLACK.
1. Kt to Q 5 (ch)	1. P takes Kt
2. B to Q B 3	2. P moves.
3. B to Q 2 mate	

PROBLEM FOR YOUNG PLAYERS No. 75.

WHITE.	BLACK.
K at K R 3	K at K B 4
Q at K Kt 8	Q at Q R sq
B at Q B sq	B at K 8
Kt at K 4	Kt at Q B 2
P at Q R 2	Pawns at K R 2, K B 3 and K B 7

White to play and mate in three moves.

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