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THIS IS PAPER 26 WHICH CONTAINS THE 46 ANSWERS TO THE QUESTIONS IN PAPER 25

My dear Friends and Participants of the Correspondence Course of the Schools Commission,

When you will receive the answers to Paper 25 I will not be in Australia. I plead with those who have already answered the 43 questions in Paper 15 to write speedily your answers to Paper 25 on square ruled paper which you can buy at your newsagent or stationary. Then my assistant Margaret will send you this Paper with all the answers and you will have to correct your answers (which Margaret will return to you) yourself. I will not be here and will not have time in America to correct your answers by hand as I did when in Sydney.

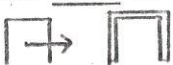
But those of you who have not answered the questions in paper 15 do so without delay. YOU CAN ANSWER THEM WITHIN A FEW HOURS PROVIDED YOU HAVE STUDIED MY BOOK AND HAVE FOUND THE PAGES WHICH PROVIDE THE ANSWERS. Of course, I have made it not easy for you just to copy the correct symbols. This would be too easy and too easily forgotten. I have teased you, I have befuddled you, I have made you think very hard as the only way to learn AND NOT FORGET EASILY.

I therefore address these my answers only to those of you who have already sent in the answers to Paper 15. I am glad to inform you that most of the answers received were very, very good. There were few mistakes. My main objection was that some have drawn my symbols rather sloppily within the squares on the square ruled paper which I asked you to buy from your stationary. It is most important that the symbols be drawn nicely within their appropriate spaces. Draw them slowly, the more slowly the better. This is the only way to achieve beautifully and correctly drawn symbols. And be not afraid. Your answer may be different from mine and still be correct. Now, here are:

THE ANSWERS TO THE 46 QUESTIONS IN PAPER 25

1. The correct symbol for entrance is  and for exit 
2. This is my usual symbol for fire  See that it fills only half a square.
3. Yes, it can be written in two different ways and still be correct, the outline of a wavy flame, but I prefer the first drawing  before the other drawing 
4. Here is my symbol for a fire exit  Watch out and do not make the mistakes of others when you draw such a compound symbol on your square ruled paper. I will tell you now of the correct spacing, because if you draw them too much out you do not get a symbol combination but a sentence of symbols which makes no sense when reading. So here are the correct spacings:

First $\frac{1}{2}$ a square for fire  then $\frac{1}{4}$ square empty  and then $1\frac{1}{2}$ squares for exit 

5. Here the answer is a bit tricky. If you have to turn to the right in corridor B then the correct symbol for exit is this  because the arrow directs you to go to the right.
6. But if the exit is at the left of the corridor B then the arrow must guide you to the left, and therefore the correct drawing will be thus  and this symbol must appear on the wall marked in my drawing with an x.
7. Yes, you can write your symbol for exit both ways, this way  or that way  and both symbols will be correct BUT ONLY IF YOU HAVE TO DRAW THE SYMBOLS IN A REAL CORRIDOR OF A REAL BUILDING OR IN A REAL PARK but not when you write the symbol for exit on your two-dimensional writing pad. Now here is another explanation which will make it clearer for you. Suppose you come running in corridor B believing that the exit is somewhere in corridor A. But the exit happens to be exactly where both corridors meet which space I have marked with an x. I will draw the outline of the door in double lines to make sure that I want to depict a real door, not my symbol for a door 
In this case the symbol for the exit (or fire exit, or toilet, etc.) should be at the left of the door to make sure that the arrow points at the real door thus  But to make doubly sure that you will recognise the door as being the exit I would draw my two different symbols near both sides of the real door thus 
8. I prefer the first version for an exit  when you write your symbol on a writing pad or a blackboard for explaining it to your children, because we write from left to right and this means progressing, advancing → Of course, Arabs and Hebrews in Israel write from right to left and for them progressing, advancing means this ← Chinese people write usually from top to bottom, but they also write from left to right especially in scientific and technological papers where they have to mention words in English or another language. But whether they write from top to bottom or from left to right, the proper way for writing my symbol for exit will be always this  even in Arabic and Hebrew.
9. Here is my symbol for a staircase going up  and for going down 
But watch out, this writing is only for writing on a writing pad. In real life when the progressing is reversed, as for instance when you have to run to the left in corridor B to find the fire staircase down the symbols would be reversed as you will soon learn from the answer to Question 12.
10. Here is how to write the sentence proceed to fire staircase down
→  on a two-dimensional writing pad, or on the wall marked x in corridor B telling you to run to the right. Now when writing a full sentence you must not forget to space the symbols for each word by a full empty square thus  as otherwise, if you draw the word symbols too close together readers will think you are making a new symbol combination with catastrophic results. This is something which I could not achieve in more than seven years with the Toronto perverters of my symbol system.

So here is the correct spacing of the sentence mentioned above, first proceed (drawn in a full square) thus  then a full empty square  to divide the first word from the second which is a combination and which we write as indicated in answer 4. We draw the wavy flame of a fire in $\frac{1}{2}$ a square  then leave empty only $\frac{1}{4}$ of a square  and then the full symbol for stairs  and next to it, separated by $\frac{1}{4}$ square  the arrow in $\frac{1}{2}$ a square . Altogether here is the full sentence proceed firestairs down    . But it does not matter if you draw the symbol of the arrow down  one square apart from the foregoing symbol for firestairs   It will still be understood by people frantically looking for the firestairs down.

11. This is the same answer as to 10.

12. But if you have to run to the left in corridor B then this would be the correct writing of the symbol sentence   

All these differentiations should show you only that I have done a good job in thinking for years and years about all possible counter arguments against my symbols and how to overcome misunderstanding. Just think that on the motorroads of the world there are too many warning signs which are written NOT IN SYMBOLS. BUT IN THE NATIVE LANGUAGES and realise how motorists and their families come to terrible grief, maiming and death by such idiocies of using words and not symbols. And just think that I have appealed to national and international authorities, even to the transport department of the United Nations since 1949 to take a look at my symbol system and use it on the motor roads of the world. I have an unambiguous warning symbol for every danger on the road and I give it to the governments of all nations free to use. It was love's labour lost. Last year, in 1978, I went with a beautiful symbol teacher of Detroit Mrs. Ruth Mossok Kahn to the headquarters of the International Ford Organisation in the suburb of Dearborn. We met there a man whose job is to convince the governments of all nations to agree on pictorial symbols for all dangers on the road. He never succeeded.

13. This is my pictorial outline of a wavy flame to mean fire  The real chemical THING of the flame, molecules of Hydrogen^{Carbon} and Oxygen is indicated by the indicator of a chemical THING on top of the symbol thus  And here is my symbol for the meaning to burn  It indicates a physical ACTION of a chemical THING.

14. I have totally broken with the idiotic notion of the noun (as you will soon see for yourself) I accept the verb, but I call it an ACTION, but it can only be an ACTION which children can observe as being an ACTION of a real THING. I have rejected the meaning of the adjective and adverb and I call it a human EVALUATION. But to this we will come later, or you know of it already as my book is full of explanations of this meaning.

15 & 16. This is my symbol for a real chemical ADDITION  and this for a real physical action of a physical ADDITION  be it when building the house addition or making additions in your arithmetic class on paper.

17 & 18. This is a real SUBTRACTION  a Loss of real chemical THINGS be they

Jewels or money or your limb (by amputation) or the loss of a real parent or friend whose chemical molecules begin to decay within a few hours after their death. And this is the physical SUBTRACTION $\wedge$ the Action done by amputation, or dying or making subtractions on a writing pad in the arithmetic class. Watch out, the symbol for SUBTRACTION goes only in the middle of the square thus

$\square$ In another place this means EARTH $\square$ and this SKY $\square$

19 & 20. This is a multitude of real chemical THINGS $\times$ and this the physical ACTION of multiplying $\times$

21 & 22. This is my symbol for a real DIVISION, say a special department or a military unit $\div$ Of course, an additional symbol would have to be added to indicate a department where men and women work, or an additional symbol of military men assembled in a Division. And here is the physical ACTION of dividing $\div$

23. Yes, they are verbs, but I call them ACTIONS OF OR WITH CHEMICAL THINGS. Little children cannot understand the meaning of verb, which in Latin means nothing else than a word, and we use this word also confusingly in the same way as in verbal discussion as different to written discussion.

24. In conventional grammar the act is not a verb but a noun. The acting is also a noun, and so is the action also a noun. These idiotic grammatical divisions are difficult to grasp by healthy children, and impossible for handicapped and mentally retarded children.

25. The different expressions "I act" and "I am acting" are not used in my mother tongue German, and it caused me innumerable hours to try to find a real difference. I studied as many books on English grammar as I could get hold of and found that different grammarians handle them differently. I spoke with learned men of the English language, and with people who could write beautiful English and all of them could not tell me when to write "I think" and when to write "I am thinking". If you think you know, give up your false belief. You are only repeating what your grammar teacher told you. The second version "I am thinking" is called the gerund or gerundium. Now don't look up Webster's or the Oxford Dictionary, you will get utterly bewildered and befuddled.

This is my achievement which children can understand. "I think" or "I am thinking" are ACTIONS of the THING, our brain (point to your head).

26. In the sentence "I do the act" or "I do the acting" or "I do the action" the word do is the verb, but the act, the acting and the action are all nouns. And what is this: "The verb"? Well, it's not a verb. It is a noun. Do you now realise the idiocy in pestering healthy children in school with such grammatical niceties? Do you realise my own despair when I refused to differentiate between such grammatical idiocies in the highschool? Do you realise my relief when I read Professor Guérard's words "Grammar, the torment of our childhood is an exploded fallacy." And do you realise the applause I got when I shouted this in my lecture in the University of Ottawa denouncing the idiocies of the Toronto symbol perverters and symbol profiteers?

27. I have studied conventional grammar, but have mercifully forgotten what the expressions Ah! and Oh! and Bah! and Boo! are in conventional grammar. I call them particles, little bits of speech, like and, to, of, etc. and with my book in your hands you will find them on pages 420 to 450 in 30 pages, the largest chapter of my book. And I titled this chapter "Anarchy in Language!" And look what I have constructed, something a little child can understand, the division between a noun and a particle which I call THE BIG WORD and the small word.

This is my achievement. This is why a professor in linguistics at the Australian National University told me "You, Mr. Bliss, have advanced the science of linguistics more than a hundred academics could have done." That was something which gladdens my heart, and a few weeks ago they celebrated my appointment as an Honorary Fellow in Linguistics. This is such a rare distinction that I don't know of any other man who got it.

28. As said in answer 27 I have mercifully forgotten what they are in conventional grammar. But if you hitch a the to the words as The Ah!, The Oh!, The Bah! and The Boo! they all suddenly turn into nouns. And have you tried to find a general symbol or symbols for them? This may have been very difficult for you. But look how simple it really is. It is an expression. You open your mouth and exhale a sound, a word. So, it is the mouth which ought to be pictured, and here we have the chemical THING, the mouth  with the THING indicator on top, and here is the ACTION of the mouth  But this is not enough. When you open your mouth and say "Ah" it may mean an approving exclamation like viewing a beautiful picture. How to symbolise an approving positive mental attitude? Here it is, the brain and underneath the plus  But if your exclamation "Ah" is disapproving, you have a negative mental attitude to add to the symbol for the mouth, thus  Similarly, the exclamation "Oh" can be approving or disapproving. But the Bah and the Boo are both disapproving exclamations. And now the ultimate idiocy: If you hitch a "The" to Ah, Oh, Bah, Boo THEY ALL BECOME NOUNS.

29. Yes, I have thrown all the fallacies of conventional grammar overboard and have found two symbols which can be applied to all languages. Apart from the particles, bits of speech which make up 30% of all the words we use in our languages, we have two meanings which refer to the things in our outside world THE REAL CHEMICAL THING AND ITS REAL PHYSICAL ACTION. Now I should show you my two symbols, the most important of my logical symbol system. But I am reluctant to show them to you. Some of you have surely guessed them already, because I have mentioned them and shown them in previous answers in this Paper 26. Some of you may have been alerted by one sentence in my question 29 where I say at the end: "Watch out! Apart from my big book I have also sent you other papers containing my symbols." Which paper have I in mind? Yes, it is Paper 10, my first lesson which I typed in 1951 (28 years ago).

Here are my two symbols written within the middle of a full square, my symbol for a real chemical THING  It shows a kind of enclosure with an inside and an outside and I, being a chemist, the wonderful crystals have aroused my admiration already as a boy. I have chosen this symbol of a wonderful cube, the simplest and finest crystal structure of the tesseraral crystal system. As a little boy I made saturated solutions of chemicals, then I did hang pieces of string into them and

saw in wonder the many crystals forming. And this is something which can be shown to a child.

And the second symbol is my symbol for a real physical ACTION thus  I explain this to a child as follows: Look, child, at this movie how a volcano cone breaks out of a flat piece of earth, as this has happened some years ago in Mexico. This is the first primeval action when our young planet was only a ball of molten minerals which cooled down, throwing up volcano cones.

Please take to hand your Paper 10 and read my explanation in other words on page 4. It is much better than my explanation in the foregoing paragraph. But watch out! My symbol for ACTION can be written  or  and both are correct.

30. Here is my symbol for the real THING, an entrance  and for the real ACTION to enter 

31. Here is my symbol for the real THING an exit  and for the real ACTION to exit 

32. Here is my symbol for a real door  and for the plural doors  But I allow for simplifications. A child has learned my symbol for a real door  and has learned that THINGS of our world which can be pictured are symbolised with the thing indicator on top  But later the child can dispense with the thing indicator and picture the real THING without an indicator, and the plural doors thus 

They, my symbol perverters in Toronto have not used my simple difference of THING and ACTION. They adhere to the noun, verb, etc. In one of their previous symbol tables they show the symbol for a knife  with the action indicator on top and write underneath to cut  In another square they show my general term cutlery showing again the thing the knife with another symbol in front, my symbol combination for a general term, what the mouth says about a multitude of things altogether thus  and call it cutlery (which includes knives, forks, spoons, etc.) and they called it a noun. Then they colour the verbs and colour the nouns in different colours, and the poor child cannot ask for a knife  a fork  and a spoon  because these real things are not pictured in the symbol table. No wonder that they had to abandon the whole table after selling hundreds of such tables to gullible symbol teachers for years. Why? Because I forced them to abandon such idiocies. But now in 1979 they still adhere to noun, verb, adjective, etc. with different colours, and all worse than before.

33. Here is the answer to my tricky question: how to symbolise to use a door. A door cannot do any actions, but we can do actions with a door. Hence here is my symbol for to use a door  which means entering or leaving or standing within a frame as this was recommended during bombing raids in war. So you see my symbols are

very versatile, and therefore the same meaning can be expressed sometimes with different symbols and they are logical and correct. So, don't be afraid of me when you boldly symbolise a meaning and then you see that I have symbolised it differently. Your symbol may be correct too.

34. Here is my symbol for the chemical THING water  Now the ACTIONs of what water can do in thousands of different ways are indeed so manifold that it is impossible to indicate them only by putting the ACTION indicator  on top of the symbol for water. I have therefore given the ACTION indicator a slightly different meaning to use water  as to water the garden.
35. The plural of a THING added is thus  and the action of things added is thus 
36. Answer this question to the best of your belief and based on your study of my book, but please do not refer to nouns as some of you have done in answering my question in Paper 15.
37. Here is my symbol for a hammer  and for hammering 
38. A hammer is a real chemical THING. It should be symbolised for little children thus  but later the child can omit the thing indicator and picture only the outline of a real hammer 
39. Yes, we can do all these four actions, and this is the way I teach children how to recognise a real picturable thing of our world.
40. Yes, we can see the action of hammering, but what we really see is the movement of the real thing, the hammer. And a movie camera shows a film with a lot of still pictures all depicting the real hammer, only in different positions.
41. No, we cannot picture the expressions "His words came like hammerblows" and "Charles Bliss is hammering me with difficult questions". And this is significant in proving what? Read the next answers.
42. The symbol for a sword, a knife, a dagger, and a cutter is this  with or without the thing indicator on top.
43. No, we cannot picture the expressions "His words stabbed me like a dagger" and "His icy looks were like a dagger in my heart".
44. It's a metaphor, and language teachers all over the world do not teach their children in all their languages that the metaphor is one of the worst invention of grammarians. Metaphora is a Greek word and it means in Latin transferre and both the Greek and the Latin words mean in English a transfer. We, the human beings of our planet have not been told to be aware and to beware of a picture transfer. We transfer a picture of a hammer or a knife into a situation where there is no hammer and no knife at all. And in doing so we cause innumerable harm to each other. Adults and children accuse each other to be pigs and swines and asses and when a sensitive child begins to cry it is being told that "your tears are crocodile tears". And I said in my books and in many papers and lectures this:
45. We human beings are hurting each other in most homes in all countries and in all languages 24 hours around the clock with metaphors, because our language

teachers all over the world have not told us of the catastrophic dangers in metaphors which are even used to incite people to violence and even to go to war. And this answers my question: Why do teachers not warn us of the dangers of metaphors. BECAUSE THEY HAVE TO OBEY THEIR RULERS IN THE GOVERNMENTS AND IN THE DEPARTMENT OF EDUCATION WHO ARE ALSO SUBJECT TO THEIR GOVERNMENTS. Next time when you read in the papers of the arguments why this or that country accuses each other and go to war against each other watch out for the metaphors. The Chinese have for years accused the U.S.A. as being a paper tiger, and that all Americans are capitalists and capitalists are nothing but running dogs. Can you now imagine what the teaching of my symbol system can do to mankind? Yes, WE CAN MAKE A BETTER WORLD FOR OUR CHILDREN TO LIVE IN.

46. Now I asked you in this last question to tell me frankly what you think of my semantography which means in Greek a "meaningful writing", more meaningful than any other writing ever invented by man. Go on, tell me that my teaching is too abstract, and too difficult and too this or too that. It won't hurt me because I have invented a symbol for this little word "too" which makes me immune to many hurts with words.

Do you realise what the knowledge of my work could mean to you personally, to your own children and to your own family and to your own advancement in life as a teacher of ^Anew and wonderful work?

Cheerio to you my friends

from yours

Charles