THE GAME
or
"LOGIC."

Instructions, for playing this Game, will be found in the accompanying Book.

From "The Game of Logic"
by Lewis Carroll
(1887)
A Syllogism worked out.

That story of yours, about your once meeting the sea-serpent, always sets me off yawning;
I never yawn, unless when I'm listening to something totally devoid of interest.

The Premisses, separately.

The Premisses, combined.

The Conclusion.

That story of yours, about your once meeting the sea-serpent, is totally devoid of interest.
52.
(1) Everything, not absolutely ugly, may be kept in a drawing-room;
(2) Nothing, that is encrusted with salt, is ever quite dry;
(3) Nothing should be kept in a drawing-room, unless it is free from damp;
(4) Bathing-machines are always kept near the sea;
(5) Nothing, that is made of mother-of-pearl, can be absolutely ugly;
(6) Whatever is kept near the sea gets encrusted with salt.
Univ. "things"; \( a \) = absolutely ugly; \( b \) = bathing-machines; \( c \) = encrusted with salt;
\( d \) = kept near the sea; \( e \) = made of mother-of-pearl;
\( h \) = quite dry; \( k \) = things that may be kept in a drawing-room.

53.
(1) I call no day "unlucky," when Robinson is civil to me;
(2) Wednesdays are always cloudy;
(3) When people take umbrellas, the day never turns out fine;
(4) The only days when Robinson is uncivil to me are Wednesdays;
(5) Everybody takes his umbrella with him when it is raining;
(6) My "lucky" days always turn out fine.
Univ. "days"; \( a \) = called by me "lucky"; \( b \) = cloudy; \( c \) = days when people take umbrellas;
\( d \) = days when Robinson is civil to me; \( e \) = rainy;
\( h \) = turning out fine; \( k \) = Wednesdays.

54.
(1) No shark ever doubts that it is well fitted out;
(2) A fish, that cannot dance a minuet, is contemptible;
(3) No fish is quite certain that it is well fitted out, unless it has three rows of teeth;
(4) All fishes, except sharks, are kind to children.
(5) No heavy fish can dance a minuet;
(6) A fish with three rows of teeth is not to be despised.
Univ. "fishes"; \( a \) = able to dance a minuet; \( b \) = certain that he is well fitted out;
\( c \) = contemptible; \( d \) = having 3 rows of teeth; \( e \) = heavy;
\( h \) = kind to children; \( k \) = sharks.

55.
(1) All the human race, except my footmen, have a certain amount of common sense;
(2) No one, who lives on barley-sugar, can be anything but a mere baby;
(3) None but a hopscotch player knows what real happiness is;
(4) No more baby has a grain of common sense;
(5) No engine-driver ever plays hopscotch;
(6) No footman of mine is ignorant of what true happiness is;
Univ. "human beings"; \( a \) = engine-drivers; \( b \) = having common sense;
\( c \) = hopscotch players; \( d \) = knowing what real happiness is;
\( e \) = living on barley-sugar; \( h \) = mere babies; \( k \) = my footmen.

Ans. 193; Sol. 192, 193.
59.

(1) All the dated letters in this room are written on blue paper;
(2) None of them are in black ink, except those that are written in the third person;
(3) I have not filed any of them that I can read;
(4) None of them, that are written on one sheet, are undated;
(5) All of them, that are not crossed, are in black ink;
(6) All of them written by Brown, begin with "Dear Sir";
(7) All of them, written on blue paper, are filed;
(8) None of them, written on more than one sheet, are crossed;
(9) None of them, that begin with "Dear Sir," are written in the third person.

"Univ. letters in this room": a = beginning with "Dear Sir";
b = crossed; c = dated; d = filed; e = in black ink;
k = in third person; l = letters that I can read; m = on blue paper;
u = written by Brown.

60.

(1) The only animals in this house are cats;
(2) Every animal is suitable for a pet, that loves to gaze at the moon;
(3) When I detest an animal, I avoid it;
(4) No animals are carnivorous, unless they prowl at night;
(5) No cat fails to kill mice;
(6) No animals ever take to me, except what are in this house;
(7) Kangaroos are not suitable for pets;
(8) None but carnivora kill mice;
(9) I detest animals that do not take to me;
(10) Animals, that prowl at night, always love to gaze at the moon.

Univ. "animals": a = avoided by me; b = carnivora; c = cats;
d = detested by me; e = in this house; h = kangaroo;
k = killing mice; l = loving to gaze at the moon; m = prowling at night;
u = suitable for pets; r = taking to me.

[Ans. 138; Sol. 163.]