



VIC SKEPTICS CROSSWORD PUZZLE

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Theme: *Logical Fallacies (4)*

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Both **Standard** and **cryptic** clues are provided

STANDARD CLUES

ACROSS:

2. & 5 across & 7 across: a **LOGICAL FALLACY** in which the premises include the conclusion or assume that the conclusion is true; also called a Circular Argument. Example: *I know that God exists because the Bible tells me so.* (three words, [7], [3], [8])

5. See 2 across

7. See 2 across

13. Luminous discharge between two electrodes [3]

14. & 15 across: a **LOGICAL FALLACY** where a certain conclusion is reached on the basis of the alternative being undesirable. Example: In the famous Birmingham Six case the judge said that if the accused were innocent, the police must have fabricated evidence, which was unthinkable. (two words, [5], [12])

15. See 14 across

16. Ecclesiastical court [5]

17. Element number 50 [3]

18. & 20 across: a **LOGICAL FALLACY** where the person committing the fallacy dismisses a proposition that he or she cannot comprehend (two words, [8], [11])

20. See 18 across

25. Captain of *The Nautilus* [4]

26. Reasoning process conducted according to strict principles of validity [5]

27. Russian river and mountain range [4]

28. & 29 across & 31 across: a **LOGICAL FALLACY**: Confusion of _____ . Assuming that an intermediate position between two extremes is correct; Example: People who are severely ill are very often depressed and angry. Thus, the cause of severe illness actually is depression and anger. So, a cheerful attitude is key to staying healthy. (Three words, [5], [3], [6])

29. See 28 across

31. See 28 across

32. Without [4]

35. Stringed instrument [4]

37. Strange [3]

38. & 39 across: a **LOGICAL FALLACY** which assumes that there are only totally opposed sides to an argument. Example: Either I keep smoking, or I'll get fat. I don't want to get fat, so I better keep smoking (two words, [5], [9])

39. See 38 across

40. Use or take advantage of [5]

42. Repeated sound [4]

45. Meeting for passing information or instructions [8]

48. Major artery [5]

52. Achieved [3]

53. & 54 across: a **LOGICAL FALLACY** that says if an argument contains a logical fallacy, the entire proposition is wrong. Example: A says "Spot is an animal. All dogs are animals. Spot must be a dog." B replies "That's illogical! Therefore Spot can't be a dog." (two words, [7], [7])

54. See 53 across

55. Look comprehensively in order to detect some feature [4]

57. Without ceremony [8]

58. Spoke [7]

59. Sudden sharp pain or painful emotion [4]

62. Not correct or provable [7]

64. **Appeal to** _ _ _ _ _ _ _ _; a **LOGICAL FALLACY** which involves supporting your argument with the views of a prominent person when it is inappropriate to do so; Example: Nicole Kidman endorses Swisse Wellness so it must be good. [9]

67. Possess [3]

68. Mistake [5]

69. Intermediate between black and white [4]

71. Continent [4]

72. Placed "in hock" [6]

75. Firearm [3]

76. & 79 across & 80 across: a **LOGICAL FALLACY** in which one of the protagonists unilaterally attempts to alter the premises with which the debate commenced, in such a way as to make it increasingly difficult to comply; Example: A Creationist demands evidence for a transitional species to fill a gap in the fossil record. When such evidence is discovered, it merely gives rise to demands for evidence to fill the two newly perceived gaps. (Three Words, [6], [3], [9])

79. see 76 across

80. see 76 across

81. Shoot with accuracy at long range from concealment [5]

82. Distinct historical period [3]

83. & 84 across: A **LOGICAL FALLACY** which depends on misrepresentation of an opponent's argument. To be successful, this approach requires that the audience be ignorant or uninformed of the original argument. Example: "If global warming is going to increase the temperature by two degrees, that's not such a big deal. Between consecutive days of 20 degrees and 22 degrees you hardly notice the difference." (two words, [5], [3])

84. See 83 across

- 85. Wayfarer [7]
- 86. The quality of being worthy of praise or reward [5]
- 87. Obligatory payments; subscriptions [4]
- 88. Dome-shaped Buddhist shrine [5]

DOWN:

- 1. Appalling [7]
- 3. The available body of facts or information upon which a valid argument can be based [8]
- 4. Ice house [5]
- 5. A musical sound with reference to its pitch, quality and strength [4]
- 6. Gazing at intently [6]
- 8. Badly matched or unfair; e.g. _ _ _ _ _ **debate** [6]
- 9. Fused vertebra between pelvic bones [6]
- 10. Japanese immigrants to North America [5]
- 11. Distasteful [5]
- 12. Disgrace, defamatory gossip [7]
- 14. A man who is overly concerned with fashion [3]
- 15. Gelled [9]
- 19. & 50 down: A **LOGICAL FALLACY** whose proponent rationalises an argument to support a cherished belief. Example: "Water Divining normally works, but not in tests because dowsers are put off by the presence of Skeptics" (two words, [7], [8])
- 21. Hard of Hearing [4]
- 22. Attractive, beautiful [6]
- 23. Sherlock Holmes said that this remains when all impossibilities have been discounted [5]
- 24. List of things-to-do [6]
- 30. Mother-of-pearl [5]
- 31. One of the Baltic States [7]
- 32. Pacifying bribe [3]
- 33. & 44 down: A **LOGICAL FALLACY**: Attacking the person, not the argument (two words, [2], [7])
- 34. Worship [5]
- 36. Great depth of insight or knowledge; (Often confused with incomprehensibility) [10]
- 38. Fish limb [3]
- 41. Tub, barrel [3]

43. Judgement or decision reached by reasoning based on evidence [10]
44. See 33 down
46. & 63 down: A **LOGICAL FALLACY** that draws comparisons between two situations based on similarities which don't really apply. Example: "*If evolution is random, then it's like having an explosion in a rubbish tip which causes a working space shuttle to self-assemble.*" (two words, [5], [7])
47. & 56 down: A **LOGICAL FALLACY** (aka "appeal to ignorance") that a proposition is true simply because it has not been proved false; or that it is false because it has not been proved true. Example: "*Atheists have never been able to demonstrate that God does not exist, therefore He must.*" (two words, [2], [11])
49. A long way off [4]
50. See 19 down
51. Precision [8]
52. Ruling family [7]
54. Diabolic [8]
56. See 47 down
60. A phrase or expression in which the same thing is said twice in different words. (often in place of fresh data or evidence); Example: "*Censorship is desirable because it limits the ability for anyone to say just whatever he or she likes*" [9]
61. Always [7]
63. See 46 down
65. Puzzled, confused, bewildered [7]
66. A proposition from which another is inferred or follows as a conclusion [7]
70. Improvise, contrive [3]
72. Liquid produced in infected tissue [3]
73. Formalised argument [6]
74. Country [5]
75. Large fruit which may be hollowed and used as a container [5]
77. Makes a selection [4]
78. Tidings [4]
79. Snare [4]
82. Flightless bird [3]

CRYPTIC CLUES

ACROSS:

2. & 5 across & 7 across: The answer is provided by this clue because that is the way it is compiled. (three words, [7], [3], [8])
5. See 2 across
7. See 2 across
13. Part of circumference lights up [3]
14. & 15 across: Death? (two words, [5], [12])
15. See 14 across
16. The extremes of synthetic blood are a set up for church body [5]
17. Can Element [3]
18. & 20 across: If you cannot comprehend this clue, you can obviously disregard it (two words, [8], [11])
20. See 18 across
25. Submariner found in marine monster [4]
26. Record in charge. It stands to reason [5]
27. Make mountains out of pissoir's lack of being fashionable [4]
28. & 29 across & 31 across: Unaffected case can be a logical fallacy (Three words, [5], [3], [6])
29. See 28 across
31. See 28 across
32. Lacking French [4]
35. Go on tediously for instrument [4]
37. 1,3,5,7,9,11 [3]
38. & 39 across: Modify modify cholates to take extreme positions (two words, [5], [9])
39. See 38 across
40. Take advantage of face covering, we hear [5]
42. Glee chorus provides reverberation [4]
45. Putting on underwear to provide information [8]
48. It is straight from the heart [5]
52. One between large cups performed [3]
53. & 54 across: Two wrongs do not invalidate proposition (two words, [7], [7])
54. See 53 across
55. Look closely at tin containing calcium [4]

- 57. Albert playing well, but casual [8]
- 58. Spoke unintelligibly. Yet initially lacking, still spoke [7]
- 59. God takes note - painful [4]
- 62. Patient is not correct [7]
- 64. Writer takes most of the town to have control [9]
- 67. Extract chlorine from comic to possess [3]
- 68. $54 - 7 = 39$ [5]
- 69. Ogre yields yields achromaticity [4]
- 71. Land mass formed from battery incorporating silicon [4]
- 72. Attacked by chess piece at Uncle's? [6]
- 75. Weapon for distorted antelope [3]
- 76. & 79 across & 80 across: Catch 22 response? (three words, [6], [3], [9])
- 79. see 76 across
- 80. see 76 across
- 81. Set up pines for bird [5]
- 82. Time to be back [3]
- 83. & 84 across: Ant swarm is an easy target (two words, [5], [3])
- 84. See 83 across
- 85. Over gay traveller? [7]
- 86. Uranium placed in mine tunnel - check the accounts [5]
- 87. Precipitations sound about time [4]
- 88. Sheep in a state creates a dome [5]

DOWN:

- 1. Lamb, say is appalling [7]
- 3. Even dice can provide the facts [8]
- 4. Normal gravity dunny creates frozen accommodation [5]
- 5. Thought to be a desirable quality provided by Eton education [4]
- 6. Woe ye ingrate! The warning has a message that you are being watched [6]
- 8. 5,7,9,11 [6]
- 9. Vertebral spirit bag [6]
- 10. Qualified for internment by the US government [5]
- 11. Sodium pen is not nice [5]
- 14. Foreign Office softly overdoes fashion [3]

15. Colas cede and congealed [9]
19. & 50 down: I know I am the cruciverbalist but I should not have to do this clue because the answer contains 15 letters (two words, [7], [8])
21. Musical notes create possession of anacrusis [4]
22. Adjust tennis stroke- beautiful! [6]
23. Verily, after time, after biblical lady [5]
24. Finish in the stove, make a list [6]
30. Element applied to given area provides lustre [5]
31. Fix noise at European country [7]
32. Standard procedures soak up [3]
33. & 44 down: Do him mean, he is a false target (two words, [2], [7])
34. Worship commercial mineral [5]
36. Possible characteristic of foundry pit [10]
38. Piscine manoeuvre unit is the end in France [3]
41. Pope's telex address? [3]
43. Finding cool nun (sic). [10]
44. See 33 down
46. & 63 down: The universe is like an intricate watch. A watch must have been designed by a watchmaker. Therefore, the universe must have been designed by some kind of creator (two words, [5], [7])
47. & 56 down: No one ever went broke underestimating the intelligence of the American public (two words, [2], [11])
49. Armed service becomes distant [4]
50. See 19 down
51. 1:10,000 [8]
52. Change in y unpleasant for ruling family [7]
54. If his end is diabolical? [8]
56. See 47 down
60. This clue is an expression to suggest an answer [9]
61. Amber? [7]
63. See 46 down
65. Confused by archaic Imperial honour employed [7]
66. Basis of collapse of empires [7]
70. Costume of George, King, Emperor [3]

- 72. Work lacks nothing, produces infectious outflow [3]
- 73. Young woman took food? A moot point [6]
- 74. Country finds itself in rough anarchy [5]
- 75. Deity surrounded old city and provided fruit [5]
- 77. Makes a choice - change spot [4]
- 78. Tidings from all directions [4]
- 79. It is a trick! Take back component [4]
- 82. Support for coat of arms found in some mud [3]

SOLUTION

A		B	E	G	G	I	N	G		T	H	E		Q	U	E	S	T	I	O	N		S			
B			V			G				O		Y			N		A		S		A	R	C			
Y			F	I	N	A	L			C	O	N	S	E	Q	U	E	N	C	E	S		S	A		
S	Y	N	O	D			O		O		E		I			V		R		E		T	I	N		
M			P	E	R	S	O	N	A	L		I	N	C	R	E	D	U	L	I	T	Y		D		
A		A		N		P			L			G			N	E	M	O		R			A			
L	O	G	I	C		E			E							A		V		U	R	A	L			
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S	A	N	S			I			C		A		A			S			L		H	A	R	P		
O	D	D			F	A	L	S	E		D	I	C	H	O	T	O	M	Y					R		
P		A	V	A	I	L			D		O		R			O					E	C	H	O		
	H		A		N					B	R	I	E	F	I	N	G			A		O		F		
A	O	R	T	A		P			A		E			A		I		D	I	D		N		U		
	M			F	A	L	L	A	C	Y		F	A	L	L	A	C	Y			S	C	A	N		
	I			A		E			C			I		S				N		I		L		D		
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U		M	O	V	I	N	G			T	H	E			G	O	A	L	P	O	S	T	S		B	
S	N	I	P	E		E			E	R	A				G		O		U		I			A		
E		S	T	R	A	W			M	A	N			V	O	Y	A	G	E	R		A	U	D	I	T
D	U	E	S			S	T	U	P	A						Y		D		M					E	