dcms.cs.uni-saarland.de/ethics_21/ Sarah Sterz, Kevin Baum, Prof. Holger Hermanns

Milestone Quiz PT (Precise Thinking)

Deadline: 25 July 2021 at 23:59 (German time)

Name:	Matriculation no:						
	that the resulting paragraph is correct. If you think g symbol (#) in the blank. Each correctly filled gap ts. Group work is not allowed.						
(a) Let $\underline{}$ be the set of the premises and $\underline{}$ Then A is logically valid if and only if $(\bigwedge_{x\in Y}$	_ the conclusion of an argument A in its logical form. $(x,x) o z$ is a tautology.						
(b) Argument $\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	_ is not valid.						
Argument: Argument A P1: My mother has brown hair. P2: My father has brown hair. P3: If my mother has brown hair and my father has brown hair, then I have brown hair. C: I have brown hair. (c) An argument is sound if and only if it is	Argument: Argument B P1: My mother has brown hair. P2: My father has brown hair. C: I have brown hair. and 5						
(d) The following argument has a famous logical Argument:	form which is called						
P1: If some people are not reasonable, Covid- P2: Some people are not reasonable.	19 will spread further.						
C: Covid-19 will spread further.							
(e) " " is someting that an argument is not meant as a deductive	nes used as a keyword in front of a conclusion to signify e argument, but a defeasible one.						

We distinguished two forms of validity, nar	mely	validity, and
validity.	9	
10		
The following argument has a famous logic	cal form which is called	
Argument:		
P1: If the government ought to make jurisdito automate as many jurisdictive process.	•	overnment ought
P2: The government ought not to automat	te as many jurisdictive processes a	s possible.
C: The government ought not to make ju	risdiction as efficient as possible.	
The fallacy in which an argument is not souways is called	•	sed in two or more differe
There are several special types of defeasible		•
of an observation are also called	arguments. I	t you argue tor a conclusi
by pointing to similarities in another case,	you are making an	An arg
ment that generalizes from a set of observati	ions to a general rule is called an	
argument.		15
When the premises of an argument can nee be $\underline{\hspace{1cm}}$, but can be	ver all be true at the same time an never be	e, this argument will alwa
Arguments usually come in one of three form	ms: the	form, the standa
Arguments usually come in one of three form		
	f Tl	£
form, and the		
especially useful to make validity plausible		
	and make it possible to check	for soundness at the san
especially useful to make validity plausible	and make it possible to check which logic to use for formal	for soundness at the san
especially useful to make validity plausible time. It also it useful if you are not sure presenting the argument to someone of when the sum of	and make it possible to check which logic to use for formal nom you think that they do not	for soundness at the san izing the argument, or a t know logics.
especially useful to make validity plausible time. It also it useful if you are not sure	and make it possible to check which logic to use for formal nom you think that they do not	for soundness at the san izing the argument, or a t know logics.
especially useful to make validity plausible time. It also it useful if you are not sure presenting the argument to someone of where the sum of	and make it possible to check which logic to use for formal nom you think that they do not tells you to always assu	for soundness at the samizing the argument, or a t know logics. In the best and stronge

(n)	One can phrases (e.g. as in "Ethics for Nerds is a computer science					
	lecture."), and one can	24		_ phrases (e.g. as in "'	"Ethics for Nerds"	is a
	funny name for a lecture.")	24				
(o)	Though both arguments are very of	defeasibly f	forceful	, Argument A has less	defeasible force	than
	Argument B.					
	Argument: Argument A		Argı	Argument: Argument B		
	P1: Only one out of	ba-	P1:	Only one out of 95.000 k	pabies of parents	
	bies of parents with your health born with disability D.	record is		with your health record ability D.	is born with dis-	
	C: Probably, your baby will not be disability D.	born with	C:	Probably, your baby will disability D.	not be born with	
(p)	As a rule of thumb, one could say the				iile	
	26	nainly abou	it emot	ions.		
(q)	A standard way of showing that an argument is unsuitable to support its conclusion is to show that					
	it has at least one		pr	emise.		
(r)	It can be the case that one of the following two statements is false, while the other is true, because					
	"knows" creates a so-called		28	, and	d Mai might not k	know
	that Saarland is the smallest non-cit	y state in (y.		
	Mai knows that Saarland University	ersity is loc	ated in	Saarland.		
	Mai knows that Saarland University	ersity is loc	ated in	the smallest non-city st	ate in Germany.	
(s)	If someone tries to ascribe a much	n more unf	avoura	ole argument to someo	ne than they act	ually
	advocated and argues against this, the	hey are argı	uing ag	ainst a so-called	29	
(t)	A sound argument by definition can	never have	e a	30	premise.	