Review Questions

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Checkbox

- [x] Premise
- [ ] A numeral
- [x] Conclusion
- [ ] Consequent
- [x] Logical relation

Multiple choice

- ( ) All programmers use computers
- ( ) Some math specialists code
- ( ) No math specialists are JavaScript programmers
- (•) All programmers are math specialists

Checkbox

- [ ] All data is somewhere above the Empire State Building
- [x] All your data is stored in large collections of servers accessible over the internet
- [ ] How your data is stored is ambiguous and unclear
- [x] All the data you manage is stored in data storage services on systems like Microsoft's Azure or Amazon's AWS
- [ ] All data you manage is stored on your computer

Checkbox

- [x] All mammals give live birth to their offspring
- [ ] Stop it!
- [ ] Would you shut the door please?
- [x] Pluto is the third planet from the sun
- [x] All computer programs are not created equal

Multiple choice

- ○ Fleas are biting the dog
- ○ Dogs like to scratch fleas
- ◉ The dog has fleas
- ○ The dog does not have fleas

Multiple choice

- ○ A premise
- ◉ A logical relation between the premises and conclusion
- ○ Statements
- ○ Premises with truth value

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Multiple choice

- 3
- 4
- 5
- 6

Multiple choice

- F v E
- F v (E v D & G)
- F v (E & G)
- F v (E & D & G)

Multiple choice

- (G --> S) v P
- G --> (S & P)
- (G --> S) v ~P
- G v (S --> P)

Multiple choice

- 2
- 3

- 4
- 5
- 6

Multiple choice

- A v (B --> (S v (C & M)))
- A v B --> (S & C)
- A v (B --> S)
- A v (((B --> S) & C v M) & G)

Review Questions

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1.Multiple choice

- (•) Inductive Argument
- ( ) Deductive Argument

2.Multiple choice

- ( ) Inductive Argument
- (•) Deductive Argument

3.Multiple choice

- ( ) Inductive Argument
- (•) Deductive Argument

4.Multiple choice

- (•) Inductive Argument
- ( ) Deductive Argument

5.Multiple choice

- (•) Inductive Argument
- ( ) Deductive Argument

6.Multiple choice

- (•) Inductive Argument
- ( ) Deductive Argument

7.Multiple choice

- Inductive Argument
- Deductive Argument

8.Multiple choice

- Inductive Argument
- Deductive Argument

9.Multiple choice

- Inductive Argument
- Deductive Argument

10.Multiple choice

- Inductive Argument
- Deductive Argument

Review Questions 1

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1.Multiple choice

- ○ Valid
- ◉ Invalid

2.Multiple choice

- ◉ Valid
- ○ Invalid

3.Multiple choice

- ◉ Valid
- ○ Invalid

4.Multiple choice

- ○ Valid
- ◉ Invalid

5.Multiple choice

- ○ Valid
- ◉ Invalid

6.Multiple choice

- ○ Valid

- (•) Invalid

7.Multiple choice

- ( ) Valid
- (•) Invalid

8.Multiple choice

- (•) Valid
- ( ) Invalid

9.Multiple choice

- (•) true premises and a false conclusion
- ( ) true premises and a true conclusion
- ( ) false premises and a false conclusion
- ( ) false premises and a true conclusion
- ( ) none of the above

10.Multiple choice

- ( ) true premises and a false conclusion
- ( ) true premises and a true conclusion
- ( ) false premises and a false conclusion
- ( ) false premises and a true conclusion
- (•) none of the above, for *any* combination is possible in an invalid argument

Review Questions 2

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1.Multiple choice

- p --> (q v r); p; therefore, q v r
- (p & q) v (r v t); ~(r v t); therefore p & q
- p --> q; q; therefore p
- p --> q; ~q; therefore p

2.Multiple choice

- p --> (q v r); p; therefore, q v r
- (p & q) v (r v t); ~(r v t); therefore p & q
- p --> q; q; therefore p
- (p & r) --> q; ~q; therefore ~(p & r)

3.Multiple choice

- p --> (q v r); p; therefore, q v r
- [(p & q) v (r v t)] --> r; r --> (s & t); therefore [(p & q) v (r v t)] --> s & t
- p --> q; q; therefore p
- [(p & q) v (r v t)] --> r; ~r; therefore ~[(p & q) v (r v t)]

4.Multiple choice

- p --> (q v r); p; therefore, q v r
- (p & q) v (r v t); ~(r v t); therefore p & q
- p --> q; q; therefore p
- p --> q; ~q; therefore p

Review Questions

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1.Multiple choice

- (•) Strong
- ( ) Weak

2.Multiple choice

- ( ) Strong
- (•) Weak

3.Multiple choice

- ( ) Strong
- (•) Weak

4.Multiple choice

- (•) Strong
- ( ) Weak

5.Multiple choice

- (•) Strong
- ( ) Weak

6.Multiple choice

- Strong
- Weak

7.Multiple choice

- Strong
- Weak

8.1 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

8.2 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

8.3 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

8.4 Multiple choice

- Strengthen the argument
- Weaken the argument

- Unchanged

8.5 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

8.6 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

9.1 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

9.2 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

9.3 Multiple choice

- Strengthen the argument
- Weaken the argument
- Unchanged

9.4 Multiple choice

- Strengthen the argument
- (•) Weaken the argument
- Unchanged

9.5 Multiple choice

- Strengthen the argument
- (•) Weaken the argument
- Unchanged

9.6 Multiple choice

- Strengthen the argument
- (•) Weaken the argument
- Unchanged

9.7 Multiple choice

- Strengthen the argument
- (•) Weaken the argument
- Unchanged

9.8 Multiple choice

- (•) Strengthen the argument
- Weaken the argument
- Unchanged

Review Questions

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1.Multiple choice

- (•) A (Universal Affirmative)
- ( ) E (Universal Negative)
- ( ) I (Particular Affirmative)
- ( ) O (Particular Negative)

2.Multiple choice

- ( ) A (Universal Affirmative)
- (•) E (Universal Negative)
- ( ) I (Particular Affirmative)
- ( ) O (Particular Negative)

3.Multiple choice

- ( ) A (Universal Affirmative)
- ( ) E (Universal Negative)
- ( ) I (Particular Affirmative)
- (•) O (Particular Negative)

4.Multiple choice

- A (Universal Affirmative)
- E (Universal Negative)
- I (Particular Affirmative)
- O (Particular Negative)

5.Multiple choice

- A (Universal Affirmative)
- E (Universal Negative)
- I (Particular Affirmative)
- O (Particular Negative)

6.Multiple choice

- A (Universal Affirmative)
- E (Universal Negative)
- I (Particular Affirmative)
- O (Particular Negative)

7.Multiple choice

- A (Universal Affirmative)
- E (Universal Negative)
- I (Particular Affirmative)
- O (Particular Negative)

8.Multiple choice

- (●) A (Universal Affirmative)
- ( ) E (Universal Negative)
- ( ) I (Particular Affirmative)
- ( ) O (Particular Negative)

9.Multiple choice

- (●) A (Universal Affirmative)
- ( ) E (Universal Negative)
- ( ) I (Particular Affirmative)
- ( ) O (Particular Negative)

10.Multiple choice

- ( ) A (Universal Affirmative)
- (●) E (Universal Negative)
- ( ) I (Particular Affirmative)
- ( ) O (Particular Negative)

Review Questions

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1.Multiple choice

- Some drops of seawater are salty things
- Most drops of seawater are salty
- All drops of seawater are salty things
- A drop of seawater is salty thing

2.Multiple choice

- All olives are things that are a good source of cooking oil
- All olives are used for cooking oil
- Olives are things used in cooking
- An olive is a good source of cooking oil

3.Multiple choice

- Some critical thinkers are calm and rational
- All critical thinkers are calm and rational when faced with criticism
- All critical thinkers are persons who accept criticism calmly and rationally
- Any calm and rational person when faced with criticism is a critical thinker

4.Multiple choice

- No irrational person accepts criticism calmly

- [x] No irrational person are persons who accept criticism calmly
- [ ] All irrational persons are persons who do not accept criticism calmly
- [ ] No rational persons accepts criticism calmly

5.Multiple choice

- [ ] No rocks are a good source of cooking oil
- [x] No rocks are things that are a good source of cooking oil
- [ ] No rocks are things and no rocks are a good source of cooking oil
- [ ] Some rocks are not things that are a good source of cooking oil

6.Multiple choice

- [x] Some citizens are people that voted
- [ ] Some people are voting citizens
- [ ] All citizens are people that voted
- [ ] Some citizens are people that did not vote

7.Multiple choice

- [ ] All computer programmers are fashionable
- [ ] Some fashionable people program computers
- [ ] Some computer programmers are fashionable
- [x] Some computer programmers are fashionable people

8.Multiple choice

- No critical thinkers are artists
- Some non-artists are critical thinkers
- Some critical thinkers are not artistic people
- Some artists are not critical thinkers

Review Questions

Bookmark this page

1. Multiple choice

- Valid
- Invalid

2. Multiple choice

- Valid
- Invalid

3. Multiple choice

- Valid
- Invalid

4. Multiple choice

- Valid
- Invalid

5. Multiple choice

- Valid
- Invalid