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Western Logic Informal Fallacies- Fallacies of Relevance for NET, IAS, State-SET (KSET, WBSET, MPSET, etc.), GATE, CUET, Olympiads etc.

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Informal Fallacy

- Informal fallacy occurs when there is a mistake or an error with the content of the argument.
- Informal fallacies concern themselves with the content of an inductive argument where the content is irregular, insufficient or ambiguous due to which it fails to provide a logical conclusion.
- Informal fallacies are numerous in number but they can be best understood when arranged in four main heads.
- They are;
 - Fallacies of Relevance
 - Fallacies of Defective Induction
 - Fallacies of Presumption
 - Fallacies of Ambiguity

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Fallacies of Relevance

- They occur when there is no connection between the premises and the conclusion.
- They are most common and frequently occurring fallacies in arguments, speeches, etc.
- In other words, it occurs when the premises of the argument are not relevant to the drawn conclusion.
- They are of six kinds;
 - The appeal to Emotion
 - The Red Herring

- The Straw Man
- The Attack on the Person
- The Appeal to Force
- Missing the Point
- Argument to Pity

• The Appeal to Emotion:

- In this fallacy, the argument is tried to be won by appealing to the emotions of the audience.
- It relies on emotions, expressive language and not on reason, evidence and rational thinking.
- Hence, the name appeal to one's or people's emotions.
- Another name for this fallacy is *Argument ad populum*.
- For example, the fairness cream advertisement shows that ever since the girl has started applying the fairness cream, people have started noticing her, she is getting jobs offers, etc.
- So, this argument appeals to the emotions of the dark or brown skinned people.
- In this argument, emotions are used to win an argument.
- This fallacy substitutes emotions for reason.
- This fallacy is mostly used in political speeches, advertisements of beauty products, etc.

• The Red Herring:

- It is a fallacy of relevance which is committed when some distraction is used to mislead or confuse.
- This deals with deliberately misleading the conversation on some other topic or subject which was not initially the part of the conversation.
- For example, a child tells him mother that I want a toy and the mother replies, let's go home early as there is a present for you at home.
- Here, the topic of discussion shifts to something else which was not the topic before.
- Similarly when A says to B, Global warming is a harsh reality. B replies saying there are so many people who die every year because of cold.

• The Straw Man:

- This fallacy is committed when one manipulates, distorts and plays with an argument and makes an argument turn over some other conflict within the discussion.
- It simpler words, it occurs when we shift the conflict to some other issue within the same conversation.

- It is a work of manipulation, it is committed when one manipulates, distorts and plays with an argument and makes an argument over some other conflict within the discussion.
- For example, when a group of people were critically analysing the drawbacks of the current government, some people shifted the focus to how bad the earlier government was.
- This fallacy deals with a deliberate action. Similarly, when A says to B, I like the rainy season. B replies, if there is no sun, crops will die and eventually we will all die of hunger.

• The Attack on the Person:

- Attacking a person is committed when one attacks a person for accepting a conclusion rather than attacking the conclusion.
- In other words, argument against the people or *argument ad hominen* is committed when an attack is made on the person who defends the conclusion and not on the conclusion.
- As the name rightly suggests, attack the person.
- For example, don't believe what Rahul says on global warming because Rahul is a dropout from college.
- Here, a personal attack is made on Rahul for being a college dropout and not on what he is stating on global warming. Or, you failed in the Hindi test, do not teach me logic.

• The Appeal to Force:

- Appeal to force or ad Baculum is committed when force or threats are used to win an argument.
- For example, if you do not vote for our party, then there will be only unemployment in the society. Therefore, the youth will have no jobs.
- Or, I want you to pay me in advance else I will see you alone.
- Here, force, coercion, or even a threat of force is used in place of reason in order to win an argument.

• Missing the Point:

- This fallacy is also know as the fallacy of irrelevant conclusion or mistaken refutation.
- Missing the point is a fallacy when there is a disconnect between the premise and the conclusion.
- It is also known as *Ignoratio Elenchi*.
- For example,
 - There are more reports of theft reported in Delhi
 - More people are moving to Delhi

• **Therefore**, more thefts are caused by more people moving to Delhi

• Appeal to Pity:

- It is another variety of the fallacy of appeal to emotions.
- Under this fallacy, the pity of another person is evoked in-order to win an argument.
- For example, I did not do my homework because I was really ill, I couldn't even lift the pencil.
- This is a fine example of appeal to pity of the teacher used by a student who failed to do his/her homework.
- Another example would be, don't punish the poor old man for his sins, he lives on the streets and have no one to look after him.
- It is also know as ad *Misericordiam*, *Misericordiam* in Latin means merciful heart.

MCQ

Q-1. ad Misericordiam is also known as.

Options:

- A. Attack on Person
- B. Appeal to force
- C. Missing the point
- D. Appeal to pity

Answer: D

Q- 2. Informal fallacies occur when

Options:

- A. Form of the argument has a mistake
- B. Structure of the argument has a mistake
- C. Content of the argument has a mistake
- D. Both A and B

Answer: C

Q- 3. A says to B, I like the rainy season. B replies, if there is no sun, crops will die and eventually we will all die of hunger. This commits the fallacy of

Options:

- A. Straw man
- B. Red Herring
- C. Missing the point
- D. Attack the person

Answer: A

4. A says to B, Global warming is a harsh reality. B replies saying there are so many people who die every year because of cold. This commits the fallacy of

Options:

- A. Straw man
- B. Red Herring
- C. Missing the point
- D. Attack the person

Answer: B

• We learnt about:

#informal

#fallacies

#Relevance

