* what is Ethics ?

→ Ethics refers to standards of conduct, standards that indicate how one should behave based on moral duties & virtues, which are derived from the principles of right & wrong

* Theories of Ethics

① Religious Ethics

② Duty Ethics

③ Utilitarinism

④ Kan't Approach to Ethics

Kant's Approach to Ethics

→ According to Kant (is if something is wrong)
                              it is always wrong

can your action be consistently generalized?
ask yourself " what if everyone did that"

→ In kant's view, happiness does not equal
                              morality

only god will has ultimate moral view value
    Moral rules should be universal.

special pleading ——— rationalizing to
                                        ourselves

The golden rule   ——   treat others the
                              way you wanted to
                              treated

Veil of ignorance ——→   imagine the
                              situation from
                              both point of view

* what are typical ethical issues that engineer encounter CSE Final

1. safety

2. Acceptable Risk

3. Compliance (সম্মতি)

4. confidenticality

5. Environmental health

6. Data intregity

7. conflict of interest

8. honesty / dishonesty

9. Fairness

10. Societal Impact

11. Accounting for uncertainty

Ethical Frame works

1. **Rights** approach :-   which option best respects the rights of all who have a stake?

2. **Utilitarian** approach :-   which option will produce the most good d do the least harm

3. **Justice** approach :-   which option treat people as I want to be treated

4. **Ethics care** approach :-   which option best for those most in need

5. **Virtue** approach :-

CYE final

which option leads me to act as a responsible person
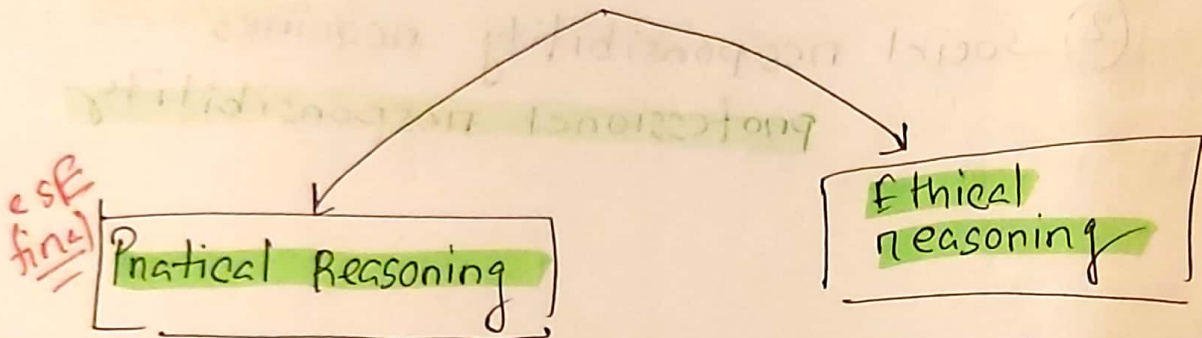
Two dimesions of Ethics in engineening

(1) Engineens need to **socially**
nesponsible when building
product & pnocess ton society

(2) social nes ponsibility nequines
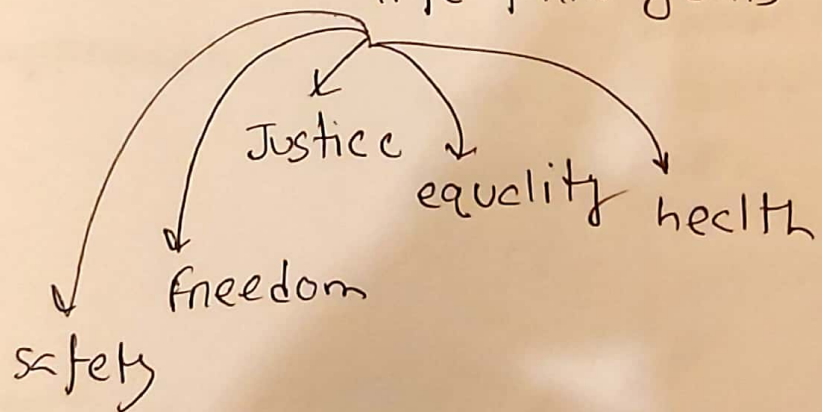**pnofessional nesponsibility**

Social Responsiblities nequines taking
into considenation the need of
society

Reasoning :— focus on finding the best on at least the nesonably better means for obtaining goals (health, safety etc)

esf fina

Pnatical Reasoning

— uses different methods Mathmatics & science

Ethical reasoning

— is a type of pnatical neasoning that concerns centain societal on life form goals

Justice

equality

health

freedom

safety

The components , The engineering code of ethics

∴ Three components :–

① The Fundamental canon :–   articulate basic components of ethics engineering

② The Rules of practice.   clarify & specify in detail the fundamental cannon

③ Professional obligations :–   elaborate the obligations the engineers have

Law vs Moral	CSE Final
Legal + moral	**Legal + Immoral**
designing a safe system	owning a slave pre civil war in US
Illegal + moral	**Illegal + Immoral**
Parking the no park zone, to come to the aid an injured person	killing an innocent person

(F) is stealing always wrong? when it is
night to steal?

→ stealing to feed family ethically
wrong

but morall connect

(X) would you risk your life to save another
person?

→ Yes but depends on condition

(1) if one of my family member whom I
have
affection &
care

(2) if one is important member for
a community , can do something
for good for society

(3) if one has better standard to
provide someone good
livelihoods

⊙ tell the customer about the problem
and let them decide what you should do
next

[CES Final :- Q 2b]

— o —

અમરણ

[**what is Integrity?**]   C5E·final

→ Integrity is the ==qualification of==
==being honest & having strong==
==moral principles== ; moral uprightoness

→ It is regarded by many people
as the honesty & truthfulness/accuracy
of one's action

→ It is generally a personal choice
to hold oneself to consistent
moral & ethical standard