Dedoration and Statement of Authorship

I, bearing Registration Number 114119026, agree and admouledge that:

* The assessment was answered by me as por the Prestructions applicable to each assessment, and that I have not resorted to any unfair means to deliberately improve my performance.

* I have neither impersonated anyone, now have I been impersonated by any person for the purpose of assessments.

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1. a) Moonlighting

Moonlighting questions the idea of knowling around, When an individual becomes a part of a company, they take on the company's ethics in addition to their own. Thus, as a professional they must consider both their personal self as well as the company self.

b) code

A code is a statement of policies, principles or rules that guide behaviour. A code should guide the behaviour of persons in all organization and in every life.

C) Intellectual Property Reght

Intellectual Proporty Rights are logal regults that protect creations and/or proventions resulting from intellectual activity in the industrial, screeks fic, literary or autilitic fields.

- d) Hurran Reghts
 - * Reght for leborty
 - * Freedom of Opinion and Expression

e) Globalization

Re Globalization refers to the Phterdopendence of countries resulting from Phiroaspry business on Phtegration of trade, france, people and ideas in Global market place.

A) Uses of Ethical thicking

- * Ethecal theories are helpful in understanding and solving moval delemmas.
- * Ethical theories are useful in justifying professional obligations and ideals

9) Features of MNC:

- * Huge assests and two over
 - * International Operations though a network of Branches

Engineers have to posses the qualities, such on a) honesty, b) competence labills and expertise)

of the dients or the political interests.

i) Whistle blooking

process by which an employee conveys information about a moral problem to a possible on the problem posson in a possible to take action on the problem outside the approved organizational channel.

i) foasons for Risk-Benefit Analysis:

* To deade on designs, advisability of product,
project.

* To suggest and madify the design so that the visks are eliminated.

K) Sexual Harassment PN Work Place

Physical contact to advence, A demand of request for carual favours, making sexually abouted remarks, showing pornography etc in workplace is remarks, showing pornography etc in workplace is sexual howasment.

The Safety lessons one can learn in the challenger case are as follows:

*Negligence in design efforts. The booster rocket

casing recovered from earlier flights indicated the
failure of filed-joint seals No design changes were
incoporated thatead of two Orings, three rings should
have been fixed. But there was no time for testing with
three rings. Atleast three rings could have been

tried while launching.

Tests on 0-rings should have been conducted down to be expected ambient temperature 1.e, to 20 F. No normalization of deviance should have been allowed INASA was not willing to wait for the weather to improve. The weather was not favourable on the day of launch A strong wind shear might have caused the rupture of the weetered 0-rings.

the final decision making of lounch or no-lounch should have been with the engineers and not on the manager Engineers presisted on 'safety' but the managers went ahead with the 'schedule!

Informed consent: the mission was full of danger the astronaute should have been informed or the probable failure of the orings (field joints). No informed consent was obtained, when the engineer had expressed that the specific launch was unsafe.

- Conflict of interest (Risk Us Cost): There were Too criticality-1 items, which included the field joints.

 A failure of in any one of them would have cause the tragedy. No back-up or Standbye had been provided for these criticality I components.
- Escape mechanism or "safe exit" should have been incorporated in the craft. Medonneli Douglas the incorporated in the craft. Medonneli Douglas the engineer, designed an abort module to allow the seperation of the exister when triggered by a field-joint leak Unfortunately such a 'safe exit' was rejected due to the increase in the cost, simultaneously with reduction in payload
- Ethical engineers should have been given awards and encouraged to hold their direction (moral outonomy) on resty situations and to report to appropriate agency their views, in the interest of public Safety.

3. Choice of Ethical Thorny to study a Problem

A champed plant near a small town Ps discharging hazardows waster that the fields nearby. The ground water gets contaminated and rearby. The ground water gets contaminated and significant health problems surface in the significant health problems surface in the community. Harm is caused to the residents.

This action is unethical as per rights ethics. The effects of polluted water and the cost to purify the water by the municipality may to purify the water by the municipality may benefits of the plant. Out weigh the economic benefits of the plant. Hence, the utilitarian ethics tells the same.

The groundwater homes the people and coursed health Problems. Home descharging the pollutants is unetheral as por duty ethers.

The agriculturists who have the agriculturists who have the agriculturists who have been overlooked. The pollularity may endanger that profession and welface. Ethical rights concludes this as wellial.

Rights of the individuals weigh stronger whonger than the needs of the society as autole, whonger than the needs of the proceedence over rights and duty others take proceedence over with letarian considerations.