| Exam. | | **Back** | |
|---|---|---|---|
| Level | BE | Full Marks | 40 |
| Programme | BEL | Pass Marks | 16 |
| Year / Part | IV / I | Time | 1 ½ hrs. |

## *Subject:* - Technology, Environment and Society *(CE708)*

✓ Candidates are required to give their answers in their own words as far as practicable.
✓ Attempt any **Five** questions.
✓ **All** questions carry equal marks.
✓ Assume suitable data if necessary.

1. What do you understand by the term technology? How it changes culture and traditions of a society?

2. Define participatory appraisal. Explain focus group discussion and resources mapping.

3. What is environment sanitation? Discuss fecal oral infection transmission route.

4. Why knowledge is important in the information age. Also write down characteristics of the information age.

5. What are climate change gases? Write down the probable impact and mitigation measures of the climate change.

6. Write down causes, effects and mitigation measures of air pollution.

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TRIBHUVAN UNIVERSITY
INSTITUTE OF ENGINEERING
**Examination Control Division**
2074 Chaitra

| Exam. | | Regular | |
|---|---|---|---|
| Level | BE | Full Marks | 40 |
| Programme | BEL | Pass Marks | 16 |
| Year / Part | IV / I | Time | 1 ½ hrs. |

## Subject: - Technology Environment and Society *(CE708)*

✓ Candidates are required to give their answers in their own words as far as practicable.
✓ Attempt any **Five** questions.
✓ **All** questions carry equal marks.
✓ Assume suitable data if necessary.

1. Discuss how technology changes people values, culture and tradition of a society.

2. Explain, what is information age? Also write down how the industrial society entered into information society.

3. Explain water pollution. Write down fecal oral infection route and discuss their mitigation measures.

4. What is climate change? State and explain gases which cause climate change. Discuss all the possible interventions to mitigate climate change.

5. a) Explain conflict of technology.

   b) Discuss technology can unmask old social problems.

6. Write notes on:

   a) Focus group discussion
   b) Major environment issues of Nepal

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TRIBHUVAN UNIVERSITY
INSTITUTE OF ENGINEERING
**Examination Control Division**
2074 Ashwin

| Exam. | | Back | |
|---|---|---|---|
| Level | BE | Full Marks | 40 |
| Programme | BEL | Pass Marks | 16 |
| Year / Part | IV / I | Time | 1 ½ hrs. |

*Subject:* - Technology Environment and Society *(CE708)*

✓ Candidates are required to give their answers in their own words as far as practicable.
✓ *Attempt any **Five** questions.*
✓ ***All*** *questions carry equal marks.*
✓ *Assume suitable data if necessary.*

1. Discuss technology provides shift in employment opportunity.

2. What is participatory approach? Also explain appropriate technology and labour intensive technology.

3. Explain in detail why 13, 14, 15 centuries are called Great Renaissance or intellectual revival of Europe.

4. What are climate change gases? Write down its mitigation measures. Also explain international efforts to tackle its problem.

5. Explain how fecal-oral infections transfer from one person to another. Also discuss preventive measures.

6. Write short notes on any two.

   a) Air pollution
   b) Information age
   c) Focus-Group Discussion

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| Exam. | **New Back (2066 & Later Batch)** | | |
|---|---|---|---|
| Level | BE | Full Marks | 40 |
| Programme | BEL | Pass Marks | 16 |
| Year / Part | IV / I | Time | 1 ½ hrs. |

*Subject*: - Technology Environment and Society *(CE708)*

✓ Candidates are required to give their answers in their own words as far as practicable.
✓ Attempt any **Five** questions.
✓ **All** questions carry equal marks.
✓ Assume suitable data if necessary.

1. What do you mean by technology? Discuss about its benefits in education sector. [2+6]

2. Describe the LEP approach for the development of Nepal. Explain community empowerment process of participatory approach. [4+4]

3. What do you mean by climate change? Discuss about its cause, impact and mitigation measures. [2+6]

4. Discuss about the global environmental issues. Also discuss key environmental issues of Nepal. [4+4]

5. What are characteristics of agriculture, industrial and information age? [8]

6. Explain how does technology change culture and tradition of a society? [8]

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