

MID TERM EXAMINATION [MAY, 2023]
EIGHTH SEMESTER [B.TECH]
HUMAN VALUES AND PROFESSIONAL ETHICS-II [ETHS-402]

Time: 1.5 Hrs.

Max. Marks: 30

Note: Attempt Q. No. 1 which is compulsory and any two questions from the remaining.

Q.1. Write short notes on the following:

Q.1. (a) Collegiality.

Unit - II

(2.5)

Ans. Refer to Q.1 (a) End Term Examination 2017 (Pg. No. 11-2017).

Q.1. (b) Cultural discrimination.

Unit - I

(2.5)

Ans. Refer to Q.1 (c) End Term Examination 2017 (Pg. No. 11-2017).

Q.1. (c) Criteria for safe design.

Unit - 2

(2.5)

Q.1. (d) Safety engineering.

Unit - 2

(2.5)

Q.2. (a) Discuss briefly the need of an individual to be in harmony with nature.

Unit - 1

(5)

Ans. Refer to Q.1 (b) End Term Examination 2018 (Pg. No. 11-2018).

Q.2. (b) What is risk-benefit analysis? Discuss its merits and demerits.

Unit - 2

(5)

Ans. **Risk Benefit Analysis:** Refer to Q.1 (c) End Term Examination 2019 (Pg. No. 7-2019).

Unit - 2

Repealed

Q.3. (a) Discuss the impact of science and technology on society?

(5)

Ans. Refer to Q.1 (a) End Term Examination 2019 (Pg. No. 6-2019).

Unit - 1

Repealed

Q.3. (b) Discuss the several operational shortcomings that were responsible for the Bhopal gas tragedy.

Unit - 2

Repealed

(5)

Ans. Refer to Q.3 First Term Examination 2017 (Pg. No. 5-2017).

Q.4. (a) Discuss the role of an engineer in society.

Unit - 1

(5)

Ans. Refer to Q.3 First Term Examination 2018 (Pg. No. 4-2018).

Repealed

Q.4. (b) Discuss how nuclear power plants pose hazards to the general public.

Unit - 2

(5)

END TERM EXAMINATION [JULY, 2023]
EIGHTH SEMESTER [B.TECH]
HUMAN VALUES AND PROFESSIONAL ETHICS-II [ETHS-402]

Time: 3 Hrs.

Max. Marks: 75

Note: Attempt five questions in all including Q. No. 1 which is compulsory. Select one question from each unit.

Q.1. Write short notes on any five of the following.

Q.1. (a) Holistic Technology.

(5)

Ans. Refer to Q.2 End Term Examination 2019 (Pg. No. 11-2019).

Q.1. (b) CSI.

(5)

Q.1. (c) Hacking.

Ans. Refer to Q.1 (e) End Term Examination 2017 (Pg. No. 13-2017).

(5)

Q.1. (d) Deforestation.

Q.1. (e) IPR.

(5)

Ans. Refer to Q.5 End Term Examination 2018 (Pg. No. 27-2018).

(5)

Q.1. (f) CSR.

Ans. Refer to Q.1 (e) End Term Examination 2019 (Pg. No. 9-2019).

(5)

Q.1. (g) Collegiality.

Ans. Refer to Q.1 (a) End Term Examination 2017 (Pg. No. 11-2017).

UNIT - I

Q.2. Explain the terms 'Pluralism' and 'Secularism' in Indian context.

(12.5)

Q.3. Briefly describe the role of family, teachers and traditions in developing values in society.

(12.5)

UNIT - II

Q.4. Bhopal gas leak was a big tragedy that affected generations still we didn't learn our lesson. Almost every year we witness gas leak cases. Explain the impact of gas leak accidents on human life and suggest the ways to avoid such accidents?

(12.5)

Ans. Refer to Q.3 First Term Examination 2017 (Pg. No. 5-2017).

Q.5. Describe the aspects of safety engineering to manage risk and minimize it.

(12.5)

UNIT - III

Q.6. What is meant by Sustainable development? Explain why environmentalists are insisting upon Sustainable development for survival of human life and Nature.

(12.5)

Q.7. Globalization has turned the world into a global village? Explain the statement describing the overall impact of Globalization on Earth.

(12.5)

Ans. Refer to Q.4 End Term Examination 2018 (Pg. No. 22-2018).

UNIT - IV

Q.8. Describe the professional rights and responsibilities of a professional.

(12.5)

Ans. Refer to Q.4 (b) End Term Examination 2017 (Pg. No. 24-2017).

Q.9. Define National Integration and explain the factors that promote National Integration.

(12.5)