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**PRESIDENCY UNIVERSITY
BENGALURU**

SCHOOL OF ENGINEERING

TEST - 1

Even Semester: 2018-19

Course Code: CIV 402

Course Name: Environmental Impact Assessment

Programme & Sem: B.Tech (Open Elective) & VIII Sem (Group-I)

Date: 06 March 2019

Time: 1 Hour

Max Marks: 40

Weightage: 20%

Instructions:

- (i) *Read the question properly and answer accordingly.*
- (ii) *Question paper consists of 3 parts.*

Part A

Answer **all** the Questions. **Each** question carries **four** marks. (3Qx4M=12)

1. What are the benefits of Environmental Impact Assessment?
2. Explain briefly the Key Elements of Environmental Impact Assessment process
3. List the guiding principles of EIA

Part B

Answer **both** the Questions. **Each** question carries **eight** marks. (2Qx8M=16)

4. Write a short note on Historical Perspective of EIA in India
5. With the help of flow chart explain Categorization of projects in EIA process.

Part C

Answer the Question. Question carries **twelve** marks. (1Qx12M=12)

6. Write a short note on EIA Notifications 2006 & 1994 and also mention the objectives of EIA notification 2006.



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**PRESIDENCY UNIVERSITY
BENGALURU**

SCHOOL OF ENGINEERING

TEST - 2

Even Semester: 2018-19

Course Code: CIV 402

Course Name: Environmental Impact Assessment

Program & Sem: B.Tech & VIII Sem (Open Elective) Group-I

Date: 16 April 2019

Time: 1 Hour

Max Marks: 40

Weightage: 20%

Instructions:

- (i) Read the question properly and answer accordingly.
- (ii) Question paper consists of 3 parts.

Part A

Answer **all** the Questions. **Each** question carries **four** marks. (3Qx4M=12)

1. List the projects which causes impact on water and air Environment
2. List the principles of mitigation
3. What are the key requirements for Public participation

Part B

Answer **both** the Questions. **Each** question carries **eight** marks. (2Qx8M=16)

4. Mention the Basic steps for Prediction and Assessment of Impacts on the water Environment.
5. Explain the framework for impact mitigation with the help of neat diagram

Part C

Answer the Question. The Question carries **twelve** marks. (1Qx12M=12)

6. Explain the Basic steps for Prediction and Assessment of Impacts on the Air Environment.



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PRESIDENCY UNIVERSITY
BENGALURU

SCHOOL OF ENGINEERING

END TERM FINAL EXAMINATION

Even Semester: 2018-19

Course Code: CIV 402

Course Name: Environmental Impact Assessment

Program & Sem: B. Tech & 8th (Open Elective)

Date: 22 May 2019

Time: 3 Hours

Max Marks: 80

Weightage: 40%

Instructions:

- (i) Read the question properly and answer accordingly.
(ii) The question paper consists of 3 parts.

Part A

Answer **All** the Questions.

(20 Marks)

1. The question consists of **Ten** multiple choice questions. **Each** MCQ carries **TWO** marks.
Choose **ONLY ONE** appropriate choice. (10Qx2M=20 Marks)

(i)	EIA is necessary because?
	a. development is bad for the environment b. there is growing interest in sustainability c. environmental impacts of developments are of public interest d. none of the above
(ii)	The first EIA notification was released in the year _____
	a. 1996 b. 1994 c. 1986 d. 2006
(iii)	Environmental Impact Assessment (EIA) is mandatory under which one of the following India legislations
	a. Indian Forest Act b. Air (Prevention and Control of Pollution) Act c. Wildlife Protection Act d. Environment (Protection) Act
(iv)	Which environmental principle best reflects the intent of EIA?
	a. polluter pays b. prevention is better than cure c. reduce reuse recycle d. none of the above
(v)	The primary reason for Environmental Impact Assessment is to
	a. mitigate existing environmental impacts of development b. identify the environmental consequences of development in advance c. predict the size of impacts of developments

	d. describe proposed developments
(vi)	Which of the elements of the EIA process does the following expression describe? Identifying at an early stage, from all a project's possible impacts, those that are the crucial, significant ones.
	a. Screening b. Scoping c. Base line description d mitigation
(vii)	Which statement best summarizes public involvement?
	a. informing the public about the project b. engaging the public in participating in project impact evaluation c. engaging the public in promoting the project d. minimizing bad publicity about the project
(viii)	Best practice scoping requires
	a. relevant experience of other similar developments b. using formal scoping techniques c. a site visit d. all of the above
(ix)	Which of the following require mitigation?
	a. significant adverse impacts b. significant positive effects c. any impacts for which mitigation is possible d. any impacts which are negative
(x)	In what type of impact might you provide impact predictions in terms of Biological Oxygen Demand?
	a. Water quality b. Vibration c. Noise d particles

Part B

Answer **All** the Questions. **Each** question carries **Ten** marks. (4Qx10M=40 Marks)

2. Explain the following
 - a) Environmental quality audit b) Energy Audit c) Health and Safety Audit d) Water audit
3. List the purpose of Environment Management Plan
4. What is Environmental management plan (EMP) and how it is related with EIA
5. List the objectives and benefits of Environmental audit

Part C

Answer **Both** the Question. **Each** question carries **Ten** marks. (2Qx10M=20 Marks)

6. Write a note on the Environmental impact of nuclear power project
7. Explain any following methodologies of Impact assessment along their merits and demerits
 - a) Ad hoc method
 - b) Overlays method



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BENGALURU**

SCHOOL OF ENGINEERING

SUMMER TERM/MAKE UP END TERM EXAMINATION

Semester: Summer Term 2019

Date: 26 July 2019

Course Code: CIV 402

Time: 2 Hours

Course Name: Environmental Impact Assessment

Max Marks: 80

Program & Sem: B-Tech & VII Sem (2015 Batch)

Weightage: 40%

Instructions:

- (i) Read the questions thoroughly before answering.
- (ii) All Questions are compulsory.

Part A

Answer **all** the Questions. **Each** question carries **eight** marks. (4Qx8M=32M)

1. Define public participation in EIA process. What are the Principles for public involvement?
2. What is an Environmental audit and what are the features of Environmental audit?
3. List the objectives and benefits of Environmental audit.
4. Write a short notes on health and safety audit.

Part B

Answer **both** the Questions. **Each** question carries **ten** marks. (2Qx10M=20M)

5. Explain any one following methodologies of Impact assessment along their merits and demerits
 - a) Ad hoc method
 - b) Network method
6. What is the importance of public participation in Environmental decision making?

Part C

Answer **both** the Questions. **Each** question carries **fourteen** marks. (2Qx14M=28M)

7. Write a short note on Environmental management plan in highway project
8. With example explain different types of checklists used in Environmental Impact Identification.

