

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2022  
(Second Semester)

Branch – ENVIRONMENTAL SCIENCE

ENVIRONMENTAL IMPACT ASSESMENT

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 OSHA is associated with  
(a) Occupational safety (b) Food safety  
(c) Road safety (d) None of the above
- 2 Baseline studies refers to  
(a) Detailed studies (b) Initial studies  
(c) Rough data (d) Assumptions
- 3 EIS stands for  
(a) Electrochemical Impedance Spectroscopy (b) Enterprise Investment Scheme  
(c) Environmental Impact Statement (d) Environment Impact Statistics
- 4 What do we do for Cleaner Production process in 1980s?  
(a) Reuse – Recycling-Energy Reuse  
(b) Pollution Prevention – Waste Minimization  
(c) End-of-pipe treatment  
(d) Circular economy
- 5 Large ocean waves generated due to underwater earthquakes  
(a) Volcanoes (b) Cyclone  
(c) Tsunami (d) Tornadoes

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a. Elaborate the process involved in implementation of EIA.  
OR  
b. Narrate the objectives of Environmental Management Plan.
- 7 a. Why screening is essential for EIA?  
OR  
b. Why baseline studies are more important for EIA?
- 8 a. Classify the different stages of life cycle assessment.  
OR  
b. What are the types of Cost-benefit analysis?

Cont...

9 a State the goals of Environmental Management System.

OR

b State any two Cleaner production techniques.

10 a Clarify the Natural and Manmade disasters with examples.

OR

b Sketch the disaster preparedness plan.

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11) a Discuss the pros and cons of National Environmental Policy 2006.

(or)

b What is NABL? Highlight the criteria for NABL clearance.

12) a Discuss the processes of review and project appraisal in EIA.

(or)

b Elucidate the environmental clearance procedure in India with time frames.

13) a Outline the salient features of different EIA.

(or)

b Examine the role of project alternatives and mitigative measures in EIA.

14) a Summarize the environmental issues pertaining to Sethusamudram Project.

(or)

b Categorize the different coastal Zones according to CRZ notification 1991.

15) a Differentiate the rotational and translational landslide with suitable examples.

(or)

b Critically analyze the different types of flood management strategies in India.

Z-Z-Z

END