Final exam questions

Postgraduate course in Strategic Engineering and Sustainability Leadership

Subject group 1

(Strategic Corporate Social Responsibility, Analysis of the Strategy, Plans and Performance of Technical Organizations)

1. Present the steps of the environmental risk management plan, the actors to be involved!
2. Describe which local and regional actors, stakeholders it is worthwhile and practical for a company to cooperate with?
3. Compare the corporate handling of the Exxon Valdez and BP Deepwater Horizon oil disasters in terms of social and environmental responsibility.
4. Explain the long-term effects of major accidents and disasters (Chernobyl, Seveso, Exxon Valdez and BP Deepwater Horizon, etc.), lessons learned on social and environmental responsibility and safety procedures!
5. Describe the precautionary principle and the REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) regulation that ensures its implementation in the European Union!
6. Compare defensive and offensive environmental strategies.
7. Describe the operation of the Environmental Management System.
8. Present the companies' environmental and sustainability reports, their significance, target groups, and message!
9. Strategic management (definition, its focus, its several benefits, and possible pitfalls in strategic planning).
10. Stages (the three stages and the activities included in each stage) and key terms (competitive advantage, strategist, long-term objectives, etc.) of strategic management.
11. Introduce the strategy-formulation analytical framework- input and decision stages and their matrices (IFE, EFE, CPM, QSPM).
12. Introduce the strategy-formulation analytical framework- the matching stage and its matrices (SWOT, SPACE, BCG, IE, The Grand Matrix).
13. Performance management systems (definitions, main components, evolution, and the Balanced Scorecard and its main perspectives).
14. Evaluating a firm’s financial performance (profitability, leverage, efficiency, and liquidity ratios).
15. The balance sheet (its components and importance). The income statement (its components and importance).
16. The performance prism (elements, stakeholders’ expectations), SMART criteria.