

Table of Specifications

Board of **Board of Environmental Planning**  
 Subject **Environmental Planning Processes, Techniques, and Strategies**  
 Weight **45%**

PQF Level: 6			Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Bloom's Taxonomy								
Topics and Competencies	Weight	No. of Items						
The examinees can perform the following competencies under each topic:								
<b>A. Planning Information Management</b>	<b>20%</b>	<b>40</b>						
1. Definitions, elements, and stages in the Planning process.	20%	40	2	8	14	13	3	
1.1. Identify the mandated plans at different levels of government.	1.5%	3	2	1				
1.2. Explain the contents and legitimization process of required plans across various government tiers.	1.5%	3		3				
1.3. Differentiate Comprehensive Land Use Planning from Comprehensive Development Planning.	4.0%	8			4	4		
1.4. Apply the appropriate tools for undertaking data collection and conducting the corresponding qualitative and quantitative analysis.	3.5%	7			7			
1.5. Name the various Mapping tools in Environmental Planning	2.0%	4		4				
1.6. Recommend the appropriate	4.5%	9				6	3	

maps required in the preparation of sectoral plans.								
1.7. Integrate research for planning and recommend further studies as required	3.0%	6			3	3		
<b>B. Development Planning</b>	<b>30%</b>	<b>60</b>						
1. Concepts and processes in the preparation of the Comprehensive Development Plan.	5.5%	11	3	2		3	3	
1.1. Identify the different development sectors to be covered in CDP.	2.5%	5	3	2				
1.2. Analyze the Comprehensive Development Planning process in general and each of the steps in the logical sequence of the process in particular.	3.0%	6				3	3	
2. Tools and techniques in sectoral and intersectoral development planning.	8.0%	16	3	2	4	3	4	
2.1. Identify analytical tools and techniques to derive various indicators of development, problems, and constraints.	2.5%	5	3	2				
2.2. Assess problems and constraints, opportunities, and challenges for development.	3.5%	7				3	4	
2.3. Apply analytical tools, models, and methods relevant to the process.	2.0%	4			4			
3. Sectoral development plans at different levels following the steps	7.0%	14	4	4		3	3	

prescribed by the government.								
3.1. Examine the context and rationale for Public Sector Planning.	3.0%	6				3	3	
3.2. Identify the different sectors and sub-sectors of development.	2.0%	4	2	2				
3.3. Identify sectoral objectives, targets, strategies, programs, and projects peculiar to the development sector.	2.0%	4	2	2				
4. Indicators to monitor the plan and provide inputs to succeeding planning cycles.	9.5%	19				8	11	
4.1 Analyze the success indicators in monitoring the plan.	2.5%	5				5		
4.2 Evaluate the plan per its input, output, outcome, and impact.	3.5%	7				2	5	
4.3 Appraise the impact of projects adopting the NEDA Regional Project Monitoring System and recommend possible interventions for improvement	3.5%	7				3	4	
<b>C. Land Use Planning</b>	<b>30%</b>	<b>60</b>						
1. Concepts of land and land use as viewed from the different perspectives by various sectors of society.	6.0%	12	2	2		8		
1.1 Identify the patterns and processes of land use change as a function of demographic and economic change.	2.0%	4	2	2				

1.2	Analyze the different systems of land classification, and land use classification, and the salient features of each system.	2.0%	4				4		
1.3	Analyze the Comprehensive Land Use Planning and Zoning process of local governments as mandated by law.	2.0%	4				4		
2.	Demand and Supply of Land for Urban Development	6.0%	12	1	1	2	5	3	
2.1	Assess the rationale for and imperative of land use regulation by the State and the hierarchical institutional framework in which land use as embedded in the Philippines.	1.5%	3				2	1	
2.2	Examine major settlements and their distributions in space.	1.0%	2				2		
2.3	Determine whether urban expansion areas are within the existing urban services envelope.	1.5%	3			2	1		
2.4.	Identify development goals for urban development.	1.0%	2	1	1				
2.5	Project future demand for and supply of land for urban development.	0.5%	1					1	
2.6	Develop strategies to deal with land deficit or land excess scenarios.	0.5%	1					1	
3.	Alternative spatial strategies and urban forms in Land Use Planning	8.0%	16	1	1	10	2	2	

3.1 Choose the preferred spatial strategy appropriate for specific areas.	3.5%	7			7			
3.2 Determine the developmental limits and constraints based on ecological and physical carrying capacity.	2.0%	4			3		1	
3.3 Identify functional open spaces that will preserve the open character to sufficiently perform ecological services.	1.0%	2	1	1				
3.4. Recommend areas to serve as protection buffers around danger areas.	1.5%	3				2	1	
<b>4. Land Use control measures and incentives</b>	<b>4.5%</b>	<b>9</b>				<b>6</b>	<b>3</b>	
4.1 Evaluate land use control measures and incentives to direct land development to realize the preferred strategy.	2.5%	5				2	3	
4.2 Analyze the management of the national patrimony; private use rights over lands in the public domain.	2.0%	4				4		
<b>5. Disaster Risk Reduction Management and Climate Change Adaptation</b>	<b>5.5%</b>	<b>11</b>			<b>4</b>	<b>4</b>	<b>3</b>	
5.1. Apply the Disaster Risk and Climate Change Framework.	2.0%	4			4			
5.2. Integrate the steps involved in DRR-CCA into the Land Use Planning process.	1.0%	2				2		

5.3. Evaluate priority decision areas and development challenges posed by climate change and natural hazards.	2.5%	5				2	3	
<b>D. Area Development Planning</b>	<b>20%</b>	<b>40</b>						
1. Definition, elements, and processes in Site Planning	20%	40	3	3	6	18	10	
1.1 Identify the basic concepts and principles appropriate to various site plans for specific use.	3.0%	6	3	3				
1.2 Evaluate the application of systematic analyses used in a given site.	5.0%	10				5	5	
1.3 Appraise design concepts and principles applicable to a specific planning problem.	6.0%	12				7	5	
1.4 Integrate the concept of behavioral settings and their application to site planning.	6.0%	12			6	6		
<b>Total</b>	<b>100.0%</b>	<b>200</b>	<b>19</b>	<b>23</b>	<b>40</b>	<b>73</b>	<b>45</b>	<b>0</b>

## Table of Specifications

**Board of Environmental Planning**

**Subject: History, Concepts, Theories, and Principles of Environmental Planning**

**Weight: 20.0%**

PQF Level: 6			Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Bloom's Taxonomy								
Topics and Competencies	Wgt	No. of Item						
The examinees can perform the following competencies under each topic:								
<b>A. Environment, Planning, and Environmental Planning</b>	30.0%	30						
<b>1. Definition, nature, elements, and processes, of the environment and human ecology</b>	7.0	7	2	3		2		
1.1 Recall the processes of natural ecology	1.0%	1	1					
1.2 Explain the principles of human stewardship of the natural environment and its resources	1.0%	1		1				
1.3 Illustrate how specific ecological processes affect the outcome of evolution and how it in turn alters these processes	2.0%	2		2				
1.4 Identify the drivers of the ecosystem and its impact on human ecology	1.0%	1	1					
1.5 Analyze global environmental problems/ issues and recommend solutions in terms of planning	2.0%	2				2		
<b>2. History and foundation of planning and environmental planning.</b>	7.0%	7	2		3		2	
2.1 Identify key ideas, meanings, and theories in planning and environmental planning, historically, from the 19 <sup>th</sup> century	2.0%	2	2					

to the present								
2.2 Appraise the successes/failures in early planning efforts and approaches	2.0%	2					2	
2.3 Apply key concepts, theories, and paradigms in environmental planning in the context of sustainable development	3.0%	3			3			
<b>3. Planning concepts, goals, nature, classification, and ethics of planning and environmental planning</b>	8.0%	8	1		2	2	3	
3.1 Define the Various Planning Concepts	1.0%	1	1					
3.2 Appraise the logical consistency between the laws and the environmental situations/ issues and the needs of the constituents	3.0%	3					3	
3.3 Analyze ethical and philosophical underpinnings of environmental planning toward maintaining environmental justice	2.0%	2				2		
3.4 Apply the Code of Ethics of Environmental Planning in Professional Practice	2.0%	2			2			
<b>4. Training roles and advocacies of environmental planners, countries, organizations, and the people</b>	8.0%	8	2			3	3	
4.1 Describe the individual planning concepts of renowned planning visionaries	2.0%	2	2					
4.2 Examine the contributions of environmental planning to society and nation-building	3.0%	3				3		
4.3 Evaluate the extent to which international agreements/ commitments are being observed and complied with by	3.0%	3					3	



governments								
<b>B. Cities, City Planning and Development</b>	40.0%	40						
<b>1. Origin, development, and planning of early cities</b>	10.0%	10	2			4	4	
1.1 Describe the origin of cities, throughout world history, and the theoretical and methodological foundation of human settlements from the early bronze age to the 21st century	2.0%	2	2					
1.2 Analyze the patterns of human settlements and the factors influencing their formation	4.0%	4				4		
1.3 Appraise the development of cities in terms of its socio-economic, political, and cultural dimensions	4.0%	4					4	
<b>2. City growth, urbanization, ecological processes, and location</b>	10%	10	3	4		3		
2.1 Identify the recurring urbanization problems affecting the development of cities	3.0%	3	3					
2.2 Correlate the spatial impacts i.e. size, density, and form, emanating from anthropogenic activities of cities.	3.0%	3				3		
2.3 Cite the legal bases in creating cities in the Philippine setting.	4.0%	4		4				
<b>3. Classification and types of cities according to function, location, size, and administration.</b>	10.0%	10		5		4	1	
3.1 Appraise types of cities according to location, size, and setting.	1.0%	1					1	
3.2 Compare the characteristics of cities according to function	2.0%	2		2				
3.3 Classify cities according to administrative and political dimensions.	4.0%	4				4		
3.4 Interpret the definition of cities in the Philippine	3.0%	3		3				

Context								
<b>4. New Paradigms and Visions in City Planning Development Strategies</b>	10.0%	10		2	3	5		
4.1 Analyze existing policies on environmental issues and urban risk management in the context of city resiliency	2.0%	2				2		
4.2 Illustrate new paradigms in the planning and development of cities	2.0%	2		2				
4.3 Apply global and local best practices in enhancing the livability of a city	3.0%	3			3			
4.4 Examine the influence of urbanization on migration and mobility, transportation, and infrastructure planning	3.0%	3				3		
<b>C. Regions, Regional Planning, and Development</b>	<b>30.0%</b>	<b>30</b>						
<b>1. Concepts, nature and classification of regions, regional delineation and centers through history</b>	10.0%	10	2	2	3	3		
1.1 Cite the significant milestones in the evolution of regional planning from the nineteenth century to the present	2.0%	2		2				
1.2 Apply the historical development of regional planning, its theories and concepts, from its nineteenth-century roots to contemporary new regionalism	3.0%	3			3			
1.3 Name the various types, classifications, and nature of regions	2.0%	2	2					
1.4 Categorize the types and classification of regions	3.0%	3				3		
<b>2. Creation, organization, and structure of Regions in the Philippine setting</b>	10.0%	10		3	2	3	2	
2.1 Compare the organization features of regions in terms of territorial and political jurisdiction	5.0%	5				3	2	

2.2 Apply the administrative structure of regions in the Philippine setting	2.0%	2			2			
2.3 Relate the role of regions in national development to various laws and legal orders	3.0%	3		3				
<b>3. Policies, principles, and strategies in regional planning and development</b>	10.0%	10			4	3	3	
3.1 Evaluate public/political intervention and development policies in regional planning in the Philippine setting	3.0%	3					3	
3.2 Distinguish regional planning in the context of regional economic development, development corridors, integrated area development, etc.	3.0%	3				3		
3.3 Apply global sustainable development practices to regional planning and development	4.0%	4			4			
<b>Total</b>	<b>100.0%</b>	<b>100</b>	<b>14</b>	<b>19</b>	<b>17</b>	<b>32</b>	<b>18</b>	<b>0</b>

## Table of Specifications

### Board of Environmental Planning

**Subject:** Plan Implementation, Legal Aspects and Plan Administration in Environmental Planning

**Weight:** 35.0%

PQF Descriptor: LEVEL 6								
Bloom's Taxonomy			Remembering	Understanding	Applying	Analyzing	Evaluating	Creating
Topics and Competencies	Wgt	No. of item						
The examinees can perform the following competencies under each topic:								
<b>A. Legal Foundations of Environmental Planning</b>			<b>42.00%</b>	<b>63</b>				
3. Key /Milestones, laws and rules and regulations on Social-Economic Planning			<b>10%</b>	<b>15</b>				
1.1 Interpret the socio-cultural implications of historical and Cultural Heritage laws and policies in Environmental Planning	.67%	1		1				
1.2 Apply the policies and guidelines on housing project developments as prescribed by related housing laws	2.67%	4			4			
1.3 Appraise local and regional plans on their harmonization with the Medium-Term Philippine Development Plan	3.33%	5			3	1	1	
1.4 Apply important laws governing natural resources and environmental protection with sub-national planning.	3.33%	3			3			
1.5 Assess important laws governing natural resources and environmental protection with		2				1	1	

sub-national planning.								
<b>4. Key /Milestones, laws and rules and regulations on Physical Planning</b>	<b>11.34%</b>	<b>17</b>						
2.1 Explain the intent of special laws and regulations that serve as development controls at all levels of governance	.67%	1		1				
2.2 Identify the key special laws and regulations dealing with physical planning, human settlements, the public domain, open spaces, and buildings, and both the natural and built environments.	.67%	1	1					
2.3 Evaluate the concept, evolution, and applicability of development controls	3.33%	5				1	4	
2.4 Apply the different types of development controls in Physical Planning	2.67%	4			4			
2.5 Analyze the process of crafting a zoning ordinance and its many parts and special ordinances dealing with development-related matters, including development controls within both the built and natural environments	4%	6			3	3		
<b>5. Key /Milestones, laws, rules, and regulations on Environment and Ecology</b>	<b>14 %</b>	<b>21</b>						
3.1 Identify a particular action or project is covered by the Philippine EIA System	4.67%	2	2					

3.2 Evaluate whether a particular action or project is covered by the Philippine EIA System		5				1	4	
3.3 Apply the advantages and disadvantages of the screening process as provided in the Philippine Environmental Impact Statement System	4.67%	3			3			
3.4 Analyze the advantages and disadvantages of the screening process as provided in the Philippine Environmental Impact Statement System		4				4		
3.5 Evaluate the use and function of the Environmental Compliance Certificate	4.67%	7				3	4	
<b>6. Key /Milestones, laws and rules and regulations on Environmental Planning Practice</b>	<b>6.67%</b>	<b>10</b>						
4.1 Examine the comprehensibility of RA 10587 of 2013 in the practice of environmental planning in the Philippines.	4%	6				3	3	
4.2 Interpret the requirements of RA11032 of 2018 in the practice of environmental planning.	2.67%	4			3	1		
<b>B. Program/Project development, management, and implementation</b>	<b>12.00%</b>	<b>18</b>						
<b>1.0 Principles, Methods, and Instrument Used in the Design and Appraisal of Project Viability</b>	<b>6%</b>	<b>9</b>						
1.1 Interpret the theoretical concepts of project evaluation, emphasizing generic knowledge and approaches that are generally applicable to all types of projects.	1.33%	2			1	1		

1.2 Evaluate the various economic tools in evaluating the interdisciplinary viability of government projects on both qualitative and quantitative analysis.	4.67%	7				3	4	
<b>2.0 Evaluation Methods</b>	<b>6.00%</b>	<b>9</b>						
2.1 Describe the basic terminology and concepts of Program/Project evaluation and statistical analysis:	1.33%	2	1	1				
2.2 Apply the various types of project evaluation design models and their corresponding statistical concepts in the appraisal of project viability.	3.33%	5			5			
2.3 Identify the different types of indicators of results effectiveness and efficiency	1.33%	2	1	1				
<b>C. Planning Administration and Professional Practices</b>	<b>19.33%</b>	<b>29</b>						
<b>1.0 Major Public Sector Reform Measures Towards Good Governance</b>	<b>15.33%</b>	<b>23</b>						
4.3 Apply best practices in good governance and public service principles in national, regional, and local planning initiatives	2.67%	4			4			
4.4 Identify planning and implementation structures for areas (national to local) and sectors (public, private, people's, including indigenous communities/peoples	4%	3	3					
4.5 Analyze planning and implementation structures for areas (national to local) and sectors (public, private, people's, including indigenous communities/peoples		3				3		
4.6 Identify stakeholders, their interests, and influences in	.67%	1		1				

program/area planning and implementation								
4.7 Formulate area/program/project planning and development organization using participatory processes	4%	6			4		1	1
4.8 Evaluate human resource and organizational capability development process	4%	6				3	3	
<b>2.0 Code of Ethics for Environmental Planners</b>	<b>2%</b>	<b>3</b>						
2.1 Describe the ethical and disciplinary initiatives as inscribed in the Code of Ethics for environmental planners	1.33 %	2	1		1			
2.2 Interpret the Responsibilities of Environmental Planners to the country, organization, the public, clients, and to co-professionals	.67 %	1			1			
<b>3.0 Scope of Professional Practice for Environmental Planners</b>	<b>2%</b>	<b>3</b>						
3.1 Describe the scope of practice of environmental planners in the Philippines	.67 %	1			1			
3.2 . Identify positions in government with environmental planning functions and the CSC-prescribed qualifications for such positions.	1.33%	2	2					
<b>D. Public Sector Management,</b>	<b>26.67%</b>	<b>40</b>						
<b>1.0 Government Budgeting Processes</b>	<b>6%</b>	<b>9</b>						
1.1 Interpret the laws that govern the use of public funds and the manner of its appropriation	.67%	1			1			
1,2 Differentiate between government expenditure and financing programs	2.67%	4			1		3	
1,3 Analyze the different types of budget concepts (i.e., balanced, surplus, total								



resource, and one fund) and their significance in government fiscal policy	2.67%	4				4		
<b>2.0 Manner of Financing Government Projects</b>	<b>8%</b>	<b>12</b>						
2.1 Identify the major sources of funds to finance the national budget	.67%	1		1				
2.2 Categorize the various classifications of revenues and classes of taxes	4%	6		6				
2.3 Classify the various types of domestic and foreign public borrowings and debts and the legality and process of obtaining such borrowings.	3.33%	5		5				
<b>3.0 Government Procurement Processes</b>	<b>11.33%</b>	<b>17</b>						
3.1 Illustrate the procurement organizational framework in the Philippines according to RA 9184	4%	6			3	3		
3.2 Appraise the Legal and administrative environment of the Philippine Public Procurement Process	4%	6				1	5	
3.3 Apply the principles and practices of public procurement in the Philippines.	3.33%	5			5			
<b>4.0 Analysis/Evaluation of proposals for public /private Sector Participation</b>	<b>1.33%</b>	<b>2</b>						
4.1 Identify the underlying best practices on public/private participation that can be applicable in emerging markets or developing economies in consideration of the specific local conditions.	.67%	1		1				
4.2 Explain the PPP scheme, the legal and regulatory framework,								

and the selection of the applicable PPP Contract type for a given project context under the COMMEBOT law.	.67%	1		1				
<b>Total</b>	<b>100%</b>	<b>150</b>	<b>11</b>	<b>24</b>	<b>45</b>	<b>39</b>	<b>30</b>	<b>1</b>