



### Rubrics for Final Year Project Viva Assessment

Name : \_\_\_\_\_

Reg.No.: \_\_\_\_\_

Project Title: \_\_\_\_\_

Component	A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
<b>Knowledge of relevant Area/Discipline</b> (CLO-1, PLO-1 Engineering Knowledge)	Demonstrates excellent understanding of the subject matter of the thesis and shows awareness of current discussions on the topic. Demonstrates the applicability of the research well.	Demonstrates good understanding of the subject matter of the thesis, as well as literature used in the thesis. Demonstrates the applicability of the research adequately.	Demonstrates adequate understanding of the subject matter of the research Satisfactorily in substance Able to link various parts in the research/thesis	The knowledge of the relevant field was marginal.	Not enough basic knowledge in relation to the research. Unable to link various part of the research.	20	
<b>Problem Solving Ability</b> (CLO-2, PLO-2 Problem Analysis)	Efficient mapping of theory concepts with practical problem-solving Approaches.	Good mapping of theory concepts with practical problem-solving approaches.	Adequate mapping of theory concepts with practical problem-solving approaches	Adequate mapping of theory concepts with practical problem-solving approaches	Improper mapping of theory concepts with practical problem-solving Approaches	20	
<b>Project Management Skill</b> (CLO-5, PLO-11 Project Management)	Able to incorporate new project management practices. Able to manage the resources to execute the project effectively and efficiently.	Shows good understanding in managing the project. Able to overcome obstacles and challenges. Able to manage the resources to execute the project effectively and efficiently.	Shows adequate understanding in managing the project. Able to overcome obstacles and challenges.	Shows inadequate understanding in managing the project. But able to overcome obstacles and challenges.	Shows inadequate understanding in managing the project. Unable to overcome obstacles and challenges.	20	
<b>Display Individual / Teamwork</b> (CLO-8, PLO-9 Individual and Teamwork)	Student shows excellent individual and teamwork.	Student/s work individually and as a team, but there is room for improvement.	Student/s work individually to certain extent but not supportive as a team member	Student/s work individually to Marginal level but not supportive as a team member	Students neither perform individually nor in a team	20	

Supervisor: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



Component	A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
<b>Communication Skills.</b> (CLO-8, PLO-9 Individual and Teamwork PLO-10 Communication)	Difficult to hear; No eye contact; Mumbling, having no expression; nervous, distracting mannerisms.	Clear voice, but not as expressive; a little nervous, not as polished.	Student correctly pronounces terms-but lacks confidence and has difficulty in maintaining eye-contact.	Student incorrectly pronounces terms-lacks confidence and has difficulty in maintaining eye-contact.	Difficult to hear; No eye contact; Mumbling, having no expression; nervous, distracting mannerisms.	20	
<b>Total Marks</b>						100	

Supervisor:

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### Rubrics for Final Year Project Report Assessment

Name : \_\_\_\_\_

Reg.No.: \_\_\_\_\_

Project Title: \_\_\_\_\_

Component		A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
Report Writing	Structure & Organisation (CLO-7, PLO-5, Modern Tool Usage)	Report is well organized and clearly written. The project is expressed articulately and easy to follow. Good use of figures and analysis to enhance and clarify presentation of project. Sentences are free of grammatical and spelling errors.	Report is organized and clearly written in most parts. The project is expressed clearly and easy to follow. Figures are consistent with the presentation of project. Sentences have minor grammatical and spelling errors.	Report is organized and written well but can be improved further. The project is expressed clearly but in some areas are difficult to follow. Some figures are not consistent with the presentation of project. Sentences have some grammatical and spelling errors that hinders the readers.	Report is poorly organized and written in a way which requires some effort to understand. The project is poorly expressed and difficult to follow. Most figures are not consistent with the presentation of project. Sentences have grammatical and spelling errors.	Report has little or no logical structure and readers have difficulty to understand. The project presentation requires great effort to follow. Figures are not relevant with the presentation of project. Sentences have major grammatical and spelling errors.	15	
	Literature Review (CLO-3, PLO-4, Investigation)	Excellent review, concise critical review, set into context of project, identifying gaps in knowledge. Comprehensive knowledge of subject area.	Good, concise review of relevant papers, some critical appraisal, set into context of project. Some knowledge of subject area.	Satisfactory review, concise review of relevant papers, limited critical appraisal. Satisfactory knowledge of subject area.	Patchy review, overview of few relevant papers with no critical appraisal. Poor knowledge of subject area.	Little or no evidence of literature review.	15	

Supervisor: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



University of Engineering and Technology, Peshawar  
Mechanical Engineering Department  
B.Sc. Final Year Project

Component		A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
Content	Problem Formulation (CLO-2, PLO-2, Problem analysis)	The objectives are well defined and prioritized. All relevant information and constraints are obtained and accurately analysed.	All major objectives are identified. Sufficient information is obtained. Appropriate analyses are selected.	Most major objectives are identified but one or two minor ones are missing or priorities are not established. Most constraints are identified; some are not adequately addressed or accurately analysed.	Some major objectives are identified. Some constraints are identified; some are not adequately addressed or accurately analysed.	Many major objectives are not identified. Information is collected but without any analysis. Only one solution is considered or other solutions were ignored or incompletely analysed.	15	
	Design & Methodology (CLO-4, PLO-3, Design/ Development of Solution)	Correct selection of and justification for methodology. Full understanding of values and limitations of method.	Appropriate selection of and justification for methodology. Appropriate methods used. Clear rationale. More advanced understanding of limitations.	Some justification and rationale for methodology. Evidence of basic understanding of values and limitations of methodology. Reasonable methodology selected.	Little justification for selected methodology. Inappropriate methods selected. Poor understanding of methodology and implication.	No justification for selected methodology. Inadequate data collection. No understanding of methodology and implication.	25	
	Results & Interpretation (CLO-8, PLO-10, Communication)	High level analysis using appropriate techniques. Critical competence. Strong evidence base. Clear presentation of fully justified findings. Logical conclusions based on research evidence. Critical competence.	Clear presentation of findings. Competent analysis. Evidence of ability to evaluate results. Logical conclusions predominantly based on evidence. Evidence of ability to critically evaluate. Results linked consistently to objectives.	Appropriate analysis but limited. Limited critical awareness results. Clear presentation of findings. Clear presentation of conclusions related to evidence. Results mostly linked to objectives of study.	Limited or logically inconsistent analysis. Superficial critical evaluation of results or value of evidence. Relatively deficient and unsupported conclusions evidential or logical or both.	Weak and unacceptable analysis; Inadequate use of evidence for discussion; No critical evaluation of results. Absent conclusions. No recommendations	30	
Total							100	

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### Rubrics for Project Presentation

Name : \_\_\_\_\_

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Project Title: \_\_\_\_\_

Component	A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
<b>Final Presentation</b>							
Organisation and cohesion (CLO-5, PLO-11, Project Management)	Focuses and orders the material to convey a unified point. The speaker provides clear and consistent movement within and between major points and from beginning to end.	Focuses and orders the material to convey a general unified point. The speaker provides movement within and between major points and from beginning to end.	Provide some focus and order the material but structure is somewhat unclear. The speaker provides movement within and between major points but at times unclear or awkward.	Provides little focus or order to the material. The speaker provides little movement within and between the major points and from beginning to end.	Provides no logical focus or order to the material. There is no cohesion or discernible organisation within the presentation	35	
Language and vocal delivery (CLO-8, PLO-10 Communication)	No grammatical errors. Appropriate pronunciation, volume, pitch, inflection, and pace throughout. Speaker sounds genuinely interested in the topic.	Very few grammatical errors. Appropriate pronunciation, volume, pitch and pace are generally maintained. Delivery somewhat lacking appropriate enthusiasm. A few empty vocalisations are noticeable but are not distracting.	Noticeable errors in sentence structure and grammar. Some inappropriate pronunciation, volume, pitch, inflection or pace is noticeable. Delivery appears natural, but some moments of apparent recitation. Empty vocalisations are somewhat distracting.	Distracting faults in sentence structure and language use. Inappropriate pronunciation, volume, pitch, inflection, or pace seriously hindering the delivery. Inappropriate display or lack of energy level. Empty vocalisations adversely affect the vocal delivery.	Incomprehensible delivery with frequent and serious grammatical errors. Rudimentary sentence structure and inaccurate language use. Delivery lacks any necessary emphasis, pitch or inflection. Empty vocalisations completely distracts from the overall delivery.	35	

Supervisor:

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University of Engineering and Technology, Peshawar  
Mechanical Engineering Department  
B.Sc. Final Year Project

Component	A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
Questions /Answers (CLO-8, PLO-10 Communication)	Answers to questions are strengthened by rationalization and explanation.	Able to answer questions in a structured relevant manner.	Answer to questions with several relevant individual aspects.	Can answer basic questions only.	Cannot answer questions.	30	
Total						100	

Supervisor:

Signature:

Date:



### Rubrics for Sessional Work

Name : \_\_\_\_\_

Reg. \_\_\_\_\_

No.: \_\_\_\_\_

Project Title: \_\_\_\_\_

Component	A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
Project Organisation (CLO-5, PLO-11 Project Management)	Excellent organisation and planning, student set and prioritised short- and long-term goals.	Well organised, student able to prioritise tasks unaided.	Satisfactory organisation, student able to prioritise tasks with help.	Patchy organisation and planning, unable to prioritise tasks - supervisor set detailed task list.	Little or no organisation and planning.	20	
Effort and Time (CLO-6, PLO-7 Environment and Sustainability, PLO-8 Ethics)	Exceptional dedication to the project.	Commendable and consistent effort above level expected to achieve adequate results.	Satisfactory effort at recommended level to achieve adequate results.	Patchy, inconsistent effort – bare minimum achieved.	Little or no effort.	20	
Problem Solving (CLO-2, PLO-2, Problem analysis)	Leading contribution sustained over project duration, independent and original thought.	Significant contribution, sustained input, some original thought.	Constructive ideas, satisfactory input.	Few ideas, occasional input.	Little or no input.	20	

Supervisor: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



University of Engineering and Technology, Peshawar  
Mechanical Engineering Department  
B.Sc. Final Year Project

Component	A Excellent ≥ 80%	B Good < 80%, ≥ 70%	C Adequate < 70%, ≥ 60%	D Marginal < 60%, ≥ 50%	F Fail < 50%	Available Marks	Awarded Marks
Achieving Goal (CLO-9, PLO-6, The Engineer and Society, PLO-12, Lifelong Learning)	Excellent results, achieved more demanding project aims and advanced beyond these.	Commendable results, achieved basic and most of more demanding project aims.	Satisfactory results, achieved most of basic project aims.	Patchy results, achieved some of basic project aims.	Little or no results, did not meet basic project aims.	20	
Team Work (CLO-8, PLO-9, Individual and Team Work)	Coordinates excellently with other team members.	Good teamwork.	Moderate teamwork.	Little teamwork.	No teamwork	20	
Total						100	

Supervisor:

Signature:

Date: