QUESTIONARE OF DIFFICULTY ON VOCATIONAL STUDENTS IN THE IMPLEMENTATION OF LEARNING BASED ON 21st Century ABILITIES

Personal Identity

Name of Students :

Name of the Institution :

Petunjuk pengisian angket:

1. This questionnaire is addressed to vocational students in Sleman regency.
2. Fill in the statements in this questionnaire honestly and are not influenced by others
3. Choose the one that best fits your opinion and circumstances.
4. Put a check mark (√) on your choice of answer in the column provided.
5. Description of answer choices: SA (Strongly Agree), A (Agree), DL (Disagree Less), and D (Disagree).

A. Critical Thinking

No	Statements	Answer Options			
		SA	A	DL	D
1	I have difficulty following learning by reasoning inductively, deductively and verifying.				
2	I do not have the ability to follow learning that uses inductive reasoning, deductive reasoning and verification.				
3	I do not have literacy in following learning that is oriented to the use of reasoning inductively, deductively and verification.				
4	I don't know how to follow deep, complex results-oriented learning.				
5	I have difficulty applying analytical and evaluative skills in learning.				
6	I have difficulty applying analytical learning methods in formulating solutions to learning problems.				
7	I find it difficult to participate in learning activities that synthesize and make connections between information and arguments.				

No	Statements	SS	S	KS	TS
8	I have problems receiving provision for interpreting information in learning.				
9	I find it difficult to draw conclusions about learning outcomes based on proper analysis.				
10	I find it difficult to identify and ask important and critical questions in learning.				

B. Problem-Solving

No	Statements	Opsi Jawaban			
		SS	S	KS	TS
1	I have difficulty following problem-solving oriented learning.				
2	I don't have the competence to take problem-based learning.				
3	I do not have literacy in following problem-solving oriented learning.				
4	I do not know how to apply good and correct problem-solving oriented learning.				
5	I have difficulty managing learning resources in solving problems right in learning.				
6	I have difficulty applying analytical learning methods in formulating solutions to learning problems				
7	I find it difficult to manage learning activities to identify real problems in daily activities.				
8	I have problems in formulating solutions to problems that can be raised in learning.				
9	I find it difficult to learn to draw conclusions about problem-based learning outcomes.				
10	I find it difficult to orient the problem from various important points of view.				

C. Communication

No	Statements	Answer Options			
		SA	A	DL	D
1	I have difficulty applying the articulation of creative thoughts and ideas orally in learning.				
2	I have difficulty listening effectively to decipher meanings, including knowledge, values, attitudes and intentions.				
3	I have difficulty listening effectively to various learning objectives.				
4	I have difficulty in utilizing various media and technology in communicating.				
5	I have difficulty listening effectively within and across a diversity of students.				

D. Collaboration

No	Statements	Answer Options			
		SS	S	KS	TS
1	I find it difficult to apply learning that can encourage collaboration between students and teachers in solving learning problems.				
2	I find it difficult to exercise flexibility to help me make the compromises needed to achieve common goals.				
3	I had a hard time making the compromises needed to achieve a common goal.				
4	I struggle with sharing responsibility for collaborative work, and appreciate the individual contributions made by each team member.				
5	I have difficulty demonstrating the ability to work effectively and respectfully with a diverse team.				

E. Creativity

No	Statements	Answer Option			
		SA	A	DL	D
1	I have difficulty applying learning using various idea creation techniques (such as brainstorming).				
2	I am not competent and have broad insight into using various idea creation techniques to support learning.				
3	I find it difficult to be able to create new and valuable ideas.				
4	I don't know how to apply results-oriented learning to create original products.				
5	I find it difficult to apply learning that can encourage curiosity to learn.				
6	I find it difficult to apply creative learning methods by collaborating between friends and with teacher.				
7	I find it difficult to elaborate, develop or detail ideas.				
8	I have problems developing analytical skills for new ideas.				
9	I find it difficult to integrate technology in encouraging learning creativity.				
10	I have difficulty identifying problems creatively which are oriented towards finding creative solutions.				

F. Digital Literacy

No	Statements	Opsi Jawaban			
		SA	A	DL	D
1	I find it difficult to apply learning that can instill the ability to access information with effective source.				
2	I find it difficult to apply learning that can instill the ability to access information in an efficient time.				
3	I find it difficult to critically evaluate information through digital media.				
4	I have difficulty using digital information accurately and creatively.				

5	I find it difficult to apply learning that can provide an understanding of the purpose and benefits of digital media information.				
6	I have difficulty applying a basic understanding of ethics in the use of digital media.				
7	I have difficulty applying a basic understanding of the law in the use of digital media.				
8	I find it difficult to apply how to learn to understand and apply digital media as a tool to hone creativity by making the right media.				
9	I find it difficult to apply how to learn to understand and apply effectively in interpreting his abilities in digital media with diverse environments.				
10	I find it difficult to identify problems creatively using digital learning resources.				