	Q1	(30 pts/0.5) - Please indicate whether each of the following statements is True/False. Correct the false part.
	H	aving the ISO 9001 certification does not imply that non-conformities at all stages of the process will not occur
2	Q	FD should be considered once the organization has taken some steps to improve quality benchmarking
*	Ch	nanging process methods to improve trends in non-conforming output results in the need for changes.
•	Fo	or those organizations developing a QMS for the first time, an internal audit should be established. [steering committee]
1	St	rategy and innovation are examples of opportunities. Quality objective Internal Issues
I	- 1	The quality manual in QMS is considered Level 2 document. False (Level 1)
(SO/TS 9002:2016(E) provides guidance on ISO 9001:2015. Does not provide
	1	SO 9001:2008 is the responsibility of the technical committee ISO 176. False (ISO/TC 176)
i	1	There is no formal requirement in ISO 9001:2015 for risk assessment.
-	. 1	In ISO 9001: 2015, the "policy" sub-clause corresponds to the leadership clause.
	<u>.</u>	In the interrelationship matrix, an empty column means that the HOW is delivering value to customer's needs False (is it)
I		The tree diagram indicates which technical requirements support another, which impede another, and which do neither Lo False's (Carrelation Matrix) Appropriate air conditioning and clean room environment for a hospital are examples of Infrastructure.
	Δ	actions to address risks include adopting new technologies and seeking new markets. False (apportunities)
•	E	ervices to meet their requirements. False (objectives)
	•	The certification body specifies the different types of documented information needed to support its quality
2	2	An external audit is conducted on the existing QMS before ISO 9001 implementation. (gap analysis) False
-	•	In QFD, the technical requirements are the design specifications of the product or service. False (design targets) Benchmarking provides a best-in-class model to be adopted, or not even improved one False (or ever)
	•	Benchmarking provides a best-in-class model to be adopted, or not even improved on the later to ever
	• /	Promoting a customer focus is the responsibility of the assigned person for communicating with cases the promoting a customer focus is the responsibility of the assigned person for communicating with cases and the promoting account of the promoti
1		Quality objectives should be established at all functions, levels and processes, as appropriate; to ensure the effective deployment of the organization's strategic direction and its quality policy. False
	•	If the scope of QMS covers a part of an organization, then top management refers to those who direct and control that
	•	The SWOT or PESTLE outputs determine policy and objectives. False (tisk # opportunities)
		_\b

	A focus on on-time delivery performance provides information on any necessary actions to achieve or improve customer relationships. False (Satisfaction)
	If the expected results are not achieved, then a PDCA cycle should be followed until customer needs and expectations are met. Consistently /everall /exercit
1	Consistently Consistently Consistently Authorities and responsibilities can be delegated, but the authority remains with top management. Relevant experience and seprentile and seprentile authority remains with top management. Relevant experience and seprentile authority remains with top management.
1	Relevant experience and reputation are among the factors employed in selecting a registration body. False (cort if icution)
+	The benchmarking ensures that the organization's processes are adequately resourced and, managed and those opportunities for improvement are determined and acted on False (PDEA cycle)
•	Enhanced quality and sustained success are achieved by meeting the needs and expectations of the interested parties over the long term.————————————————————————————————————
1	The object of benchmarking is to discover processes to make major changes that should be approved by management.
•	Communicating quality policy includes notifying manufacturing persons about expected reductions in scrap.——Quality Objective
	Benchmarking compares your process or practice with the target company's best-in-class process, practice, or product. without product
20	In determining the application of requirements in ISO 9001, the organization should consider each requirement and just decide that a whole clause is not applicable. Subclause not whole clause
15	associated with them. — opportunity
2	External and internal issues can have positive and negative impacts on the intended results of its QMS.
2 pa	Conformance to ISO 9001:2015 requirements requires planning and implementing actions to address risks and issues. (F) opportunities
	Conformity to the international standard may only be claimed if the requirements determined as being applicable do not affect the organization's stability.————————————————————————————————————
	Setting quality objective A policy shall be established, implemented, and maintained to provide a framework for setting scope.
•	QFD ensures that risks are determined, considered and controlled throughout the design and use of the quality management system. Risk based thinking
	External providers and employees are planning matrix. (relevant interested parties) False
•	The scope of QMS should be kept as retained documented information. False (main faired)
	Information in documented procedures, manuals, and checklists is maintained documented information (relained) felse
6	The organization's short-term direction and core values are inputs to ISO 9001:2015. False (strategic) (quality)
0	The actions that an organization can take to address risks will depend on the nature of the opportunity.
	(potential suspect on conformity)

1

TYDA

In QFD, technical benchmarking defines how an organization plans to provide product characteristics customers need. design targets (false) In ISO 9001:2008, the verb" shall" indicates a recommendation. Should (false) A logistics company can benchmark a process or practice in the telecom industry (OK-in-ckass). T A sales point of 1.5 sales-point increases the overall weighting by one and a half again beyond that indicated by the customer importance of the need and its improvement factor. False (half again) Investing in manufacturing technology under unknown returns is an example of avoiding risk factory apportunity. Relevant documented information that traces outputs of a process should be retained and available maintained (false)
Relevant documented information that traces outputs of a process should be retained and available Output per hour of a production process with a maximum acceptable reject level is an opportunity. Quality Objective (false)
management review.
ISO 9001:2015 requirements are based on 7 clauses and 10 principles
Documented information cannot be changed and developed as an organization improves its processes and its quality management system.
Using documented procedures to assist persons with less experience is an example of risk sharing (eliminating the
The format for the documented information is decided by ISO 9001:2015. (organization) False
The customer requirements room of the HOQ is sometimes referred to as the voice of the company. (Lechnical)
■ ISO 9004:2018 provides guidelines for managing for the sustained success of an organization.
■ Certification is the responsibility of ISO. (T) Certification Bodies
QMS is a specialized method for making customer wants important components of design and production of product or service. (False) (SFD)

	To See 14	Valz 4/1/2024 ID:
1 -	(5 pts) Ple	200 01
1		EXAM 2
1	It is	inpute.
	seguenced	inputs to management review be addressed at one time, but instead, they may be addressed during Not required that all
H	B	Not review be addressed at one time, but instead, they me
100	Clerk	Not required that all
1	(0)	required that all plex processory
7	More comp	plex processes can require
	(Ja)	more frequent internal audits less frequent internal audits
	(b)	less frequent internal audits no internal audits
~	(c)	no internal audits
	Suci	Vas make
	necessary	production equipment.
	a	Design outputs about 1
	(b)	Design outputs should be retained as documented information. Design outputs should be maintained as documented information.
1	(c)	Design inputs at the last documented information
9	helps	Design inputs should be maintained as documented information to determine and eliminate the
	(a)	to determine and eliminate the causes of nonconformities, to prevent their recurrence. Correcting
	(6)	Corrective action
1	(c)	verification
-		
	outputs an	include actions to increase the consistency of outputs in order to increase the level of conformir d improve process capability.
	(a)	Performance
	(b)	Continual improvement
	(c)	Post-delivery services
7	The output.	s of should include decisions and actions relating to opportunities for improvement
-	1	Management reviews
		Control of changes
		Improvement
0	n-site inst	allation of equipment and disposal of a customer's old equipment is an example of
	(a)	post-delivery activities.
	(b)	Identification
		Verification of external providers
\smile_A	part numl	per or permanent marking or label on a physical part of a product is an example of
	(a)	pøst-delivery activities.
	(b)	Identification
	(c)	Traceability
d P	erforming a	alternative calculations and comparing the new design with a similar proven design
	(a) F	post-delivery activities.
	(b) \	Alidation.
	3,000,000	Verification.
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	(a) A	zations could need to consider of the design and development requirements.
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a. Quality objective	1 1 0	NAME OF TAXABLE PARKET	250			TA REPARENCE TO LOS	AND DESCRIPTION	mining the
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ISO/TS 9002:2016(E)								
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on ISO 9001:2015.	e guinance		irements		(c.)	140	d.	
		Ledu	Trements					for auditing.
t is up to to specify	he different ty	mes of docum	mented in	forma	Hon noode	d to or more	unt litro con	ality management s
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				100	10011,20	10	0.018	anización
is conducted on	the existing q	uality manag	gement sy	stem l	pefore ISO	9001 imp	lement	ation.
a. Certification	b. Qual	ity policy	. 6	Inte	ernal aud	it.	d. Scc	
f the scope of the manage	ement system	covers only	part of an	organ	ization, th	en top ma	magem	ent refers to those
a. who directs and co	ontrols that	b. Cert	ificatio		. Leaders			Top management.
part of the orga	nization.	bod	у.		organi	zation		
The outpute of current	FIGURY 12							
he outputs of SWOT or F a. Internal issues.	The second second						1	
a, internal issues.	b. Exte	rnal issue	s. c.) a+b		0	d. Ris	ks and opportuni
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the theethal 1550	es. [60.] O	ppor tuni tre	es	C. E	xternal i	ssues.	1 0, 1	Risks.
						-	_/	
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In ISO 9001: 2015, the "Inte	rnal audit" require	ment cor	responds to	clau	ise.		
The standard Chards	tion, b. Evalu	lation.	c. Operati	ion.	d. Pr	evention-	based syst
Top management shall estal	hlish implement a	nd maint	ate o			1.6	ret
a. Objectives,	(b) Quality pol	na maint	ain a	that provid	les a fram	pe, obje	setting
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Actions to enhance desirable	a offects and server			1 00 . 11			
Actions to enhance desirable a. Leadership.	b. Customer	it, or red	uce undesirab	ole effects" are	considere	d in	-clause.
	focus		tons to add		100000		risks and
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a. Resources. (b. Registration body. c. Leadership d. Competent perso									
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The external and internal issues can have impacts on the intended results of its QMS.									
a. Negative only. b. Positive only C Positive and d. Either positive									
negative negative									
Conformance to ISO 9001:2015 requirements requires planning and implementing actions to									
a. Address risks and / (b. Establish c. Retain documented d. measure									
opportunities. quality policy. information. satisfac									
The organization shall determine external and internal sources that are									
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University of Jordan

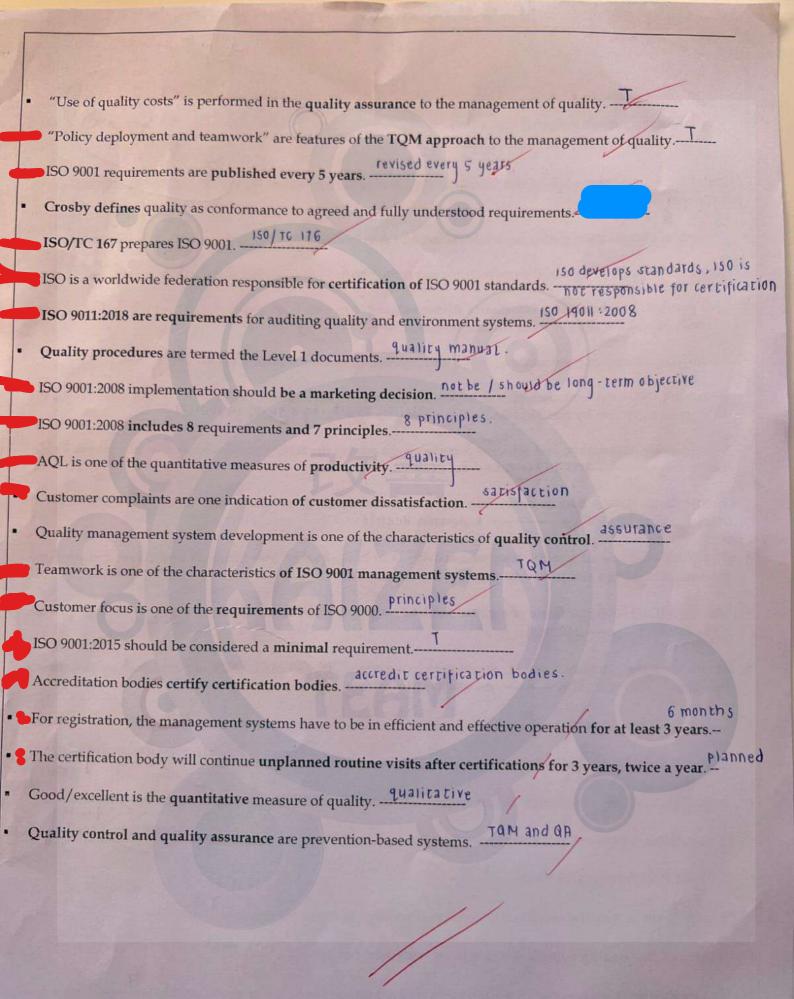
Department of Industrial Engineering Quality Management Quiz 2/4/2024 Name: 1D:

(40 pts) Please whether each of the following statements is True/False. Please correct the false part (only the bold-font text)

eustomer focused organization

- Industrial organization puts considerable effort into anticipating the future expectations of its customers.---
- Mystery shoppers are one of the methods for increasing the level of customer satisfaction.
- In a predictive system, there is a clearly defined closed loop with both negative and positive feedback in the process, product, and service improvement system.
- Identifying sources of nonconformance is a characteristic of quality control. inspection
 - Before ISO 9001 implementation, it is important that an external audit be conducted of the existing quality management system by certification bodies. internal audit by a qualified auditor
 - Fee structure, reputation, and relevant experience are among the factors employed in selecting accreditation bodies.
 - Eliminating errors, customer complaints, and nonconforming products are the main advantages of implementing ISO 9001. —————— Reduction in error
- The main objective of quality assurance activity is to build quality into products and services during the downstream design and planning stage. ———— upstream
 - Having an ISO 9000 certificate of registration does not imply that non-conformities at all stages of the process will not occur. ----- 150 9001
 - "Documentation, quality manual, documented procedure" in ISO 9001: 2008 are replaced by risk-based thinking in ISO 9000:2015. ----- document in formation
- It costs five times more to keep an existing one than to attract a new customer than.
 - Cost, reliability, and quality improvements are not complementary objectives. are complementary productivity, quality improvement
 - A quality management system is to direct and control an organization with regard to the environment.
- Detection-based system emphasizes products/services and the upstream processes. Prevention based system
 - ISO 9001:2000 is the fourth edition. third
- Quality is not negotiable and leads to better performance in the marketplace.
- The cost of non-quality is high. A related cost is warranty costs. liability cost.
- Quality control is part of quality management focused on fulfilling quality requirements.
- · "Sorting, grading, and reblending" are performed in the inspection approach to the management of quality.

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The University of Jordan

Department of Industrial Engineering

Quality Management Midterm Prof. Al-Refaie, A. Name:
Please state whether each of the following statements is True/False. Please correct the false part.
ISO/TS 9002:2016(E) does not provide guidance on ISO 9001:2015.
The external and internal issues can affect, <u>either positively or negatively</u> , the organization's ability to achieve the intended results of its quality management system.
The <u>external issues</u> related to market factors; such as market share, similar products or services, and supply chain relationships shall be considered.
Participating in relevant associations and benchmarking are activities and methods to <u>understand the needs and expectations of relevant interested parties</u> .
The organization should determine <u>not only the processes</u> for production and service provision but also other processes such as <u>internal audit and management review</u> .
Internal issues related to organizational knowledge and resource factors shall be considered.
While ISO 9004:2018 focuses on providing confidence in the organization's ability to achieve sustained success
In <u>determining the scope</u> , the organization should consider issues such as the infrastructure of the organization and the organization's different sites and activities.
The organization should consider each individual ISO 9001 requirement, and not just decide that a whole clause is not applicable.
ISO/TS 9002:2016(E) document assists users in applying the QMS requirements of ISO 9001:2015.
Noticeboards, screensavers, by the organization's website, or during routine meetings can be used to communicate the quality policy communicated.
It is up to the organization to specify the different types of documented information needed to support the operation of its processes and its quality management system.
Industry codes standards, and policies for employees are examples of relevant interested party requirements.
Relevant information developed by governmental agencies; reports on the current and future status of the organization's industry sector should not be considered as documented information.
The established quality policy should provide a framework for setting objectives.

vision, guiding principles, and core values; expected degree of customer satisfaction.
For ISO 9001:2015, responsibilities and authorities should be assigned to ensure that the quality management system conforms to ISO 9001 requirements for specific roles; internal auditors.
If the scope of the management system covers only part of an organization, then top management refers to those who direct and control that part of the organization.
In determining risks and opportunities, the organization can consider using the outputs of techniques such as SWOT or PESTLE.
Although certain authorities and responsibilities can be delegated, the accountability remains with top management.
When examining its opportunities, the organization should first determine and assess the potential risks to the quality management system associated with them.
A focus on on-time delivery performance and customer complaints can provide information on any actions that might be necessary to achieve or improve customer satisfaction.
If the expected results are not consistently achieved, then a PDCA approach should be followed until customer needs and expectations are achieved.

• The inputs to establish the quality policy include the organization's strategic direction, based on its mission,

- The output per hour with the maximum acceptable reject level can be set as an objective at a production location.
- The actions should be based on the potential impact on the conformity of products and services or customer satisfaction.
- Examples of actions to address opportunities include adopting new technologies and seeking new customers or markets.
- The quality policy shall include a commitment to continual improvement of the QMS.
- Resources to manage the noise level in a factory so the operators can hear process sounds necessary for process monitoring is an example of infrastructure.
- Quality objectives should be established at relevant functions, levels, and processes, as appropriate, to ensure the
 effective deployment of the organization's strategic direction and its quality policy.
- The intent of actions to address risks and opportunities is to ensure that when planning the QMS processes, the
 organization determines its risks and opportunities and plans actions to address them.

 Benchmarking libraries and awareness sessions should be considered in determining, maintaining, and making available organizational knowledge.
■ The ISO 9001 is not prescriptive as to the means of prevention.
■ "Transportation resources" is an example of infrastructure.
 External sources of organization knowledge include standards and gathering knowledge from customers or external providers.
■ The organization should retain appropriate documented information that provides evidence of an employee's competence.
The procedures manual is referred to as a level 2 document.
 Awareness is attained when persons understand their responsibilities and authorities and how their actions contribute to the achievement of the organization's quality objectives.
■ The fifth edition (ISO 9001: 2015) cancels and replaces the fourth edition (ISO 9001:2008).
 The main objective of quality assurance is to build quality into the product and services during the upstream design and planning processes.
• For those organizations developing a QMS for the first time, a steering committee should be established
■ The scope of the organization's QMS shall state the types of products and services covered.
■ Issues can include positive and negative factors or conditions for consideration.
■ Involvement of people is one of the principles of ISO 9001:2008.
 Top management shall demonstrate leadership and commitment concerning customer focus by ensuring that the risks and opportunities that can affect the ability to enhance customer satisfaction are determined and addressed.
Registration to QS 9000 has become the norm in the automobile industry.
 In ISO 9001:2015, the terms "product" or "service" only apply to products and services intended for, or required by, a customer.
 Opportunities, for example, a set of circumstances that allow the organization to attract customers, develop new products and services, reduce waste, or improve productivity.
• It is not the intent of ISO 9001:2015 to imply the need for alignment of documentation to the clause structure of this International Standard.
■ ISO 9001 should be considered the minimal requirement.
 Elimination of nonconforming products and errors are benefits of ISO 9001 registration.

 When documented information is retained as evidence of conformity, it should be protected from unintended alterations.
 The organization might plan performance tests and validation with the introduction of new software for order handling is an example of actions to help plan the change.
 The failure of processes, products, and services to meet their requirements are examples of the risks that the quality management system will not achieve its objectives.
 Relevant documented information for job descriptions, work instructions, organization charts, and procedures are used to communicate the relevant roles, responsibilities, and authorities.
 Examples of opportunities include the potential to identify new customers, determine the need for new products or services, and bring them to market.
 In general, ISO 9001 is not prescriptive in terms of the extent of documented information needed.
 Notifying manufacturing persons about expected reductions of scrap as an example of communicating quality objectives.
 The transfer of production lines from one site to another, and changing process methods to improve trends in non- conforming outputs result in the need for changes.
 If the organization has a statement in its quality policy to exceed its customer expectations, then it could have a quality objective that relates to on-time delivery or customer complaints.
The organization should establish the format for the documented information.
 Properly planning a change can help to avoid negative consequences and result in positive consequences. —
Communicating clear requirements for products and services is a way to create awareness.
 It is not intended that you should implement a formal environmental management system or an occupational health and safety management system, to meet the requirements of ISO 9001:2015.
 The organization should use risk-based thinking and consider the responsibilities and authorities that have been designated for specific processes in determining the persons needed.
 The organization shall ensure appropriate identification, description, and format when creating and updating documented information.
 Avoiding high workloads and stress to prevent potential errors for employees should be considered when determining the environment for the operation of the processes.
 Documented information can change and develop as an organization improves its processes and its quality management system.
Infrastructure can involve IT systems or workspaces in service organizations.
 "The organization should consider how the measuring equipment is verified and/or calibrated, controlled, stored, used, and maintained" is the intent of measurement traceability.

University of Jordan

Department of Industrial Engineering
Quality Management Course (2023/2024 1st semester)

Name: ----- Serial Number: ----

Please state whether each of the following statements is True/False. Please correct the false part. (45 min: 20 %)

Statement	Answer/Correction
nfrastructure and competence of persons are examples of internal audits.	îssues
The products and services provided by the organization are considered in establishing the standards of DMS.	scope
Benchmarking and market surveillance are methods to understand the needs and expectations of customers.	
The key factors to consider when determining the identity of an organization are the external and internal saues and the relevant interested parties.	scope/context
The organization should apply the applicable quality principles of QMS. Particular attention should be given to customer focus and customer relationship management.	all
Customer complaints are one indication of customer dissatisfaction	Satisfaction
All requirements of ISO 9001 are considered applicable unless they have an effect on the organization's ability to provide a product or deliver a service that meets requirements or on its enhancement of customer satisfaction.	no
Structure, reputation, and relevant experience are among the factors employed in selecting internal auditors.	certification book
The scope should be retained documented information.	maintained
Questionnaires are one of the methods for increasing the level of <u>customer satisfaction</u> .	contacts
Cost, productivity, and quality improvements are complementary and alternative objectives.	not alternati
Investing in new capital equipment to launch a product line where the return on investment is unknown is an example of sharing the risk	taking
The quality of an organization is enhanced and <u>sustained success</u> is achieved by meeting the needs and <u>expectations</u> of the interested parties over the long term.	consistently
Identifying sources of nonconformance is a characteristic of the preventive-based approaches.	detection/inspe
In the prevention system, there is no clearly defined closed loop with both negative and positive feedback in the process, product, and service improvement system.	there is
Economic and political factors are examples of organizational issues.	external
<u>PDCA enables an organization to determine</u> the factors that could cause its processes and its quality management system to deviate from the planned results.	RBT
There is no requirement in ISO 9001 to use formal risk management.	True
Risks are those that can affect, be affected by, or perceive themselves to be affected by a decision or activity of the organization.	interested pav
ISO 9002:2015 provides Quality management systems — Guidelines for the application of ISO 9001:2016.	9002:2016

Statement	Answer/Correction
Strategy and innovation are examples of organizational identity.	internal issues
Employees and others working on behalf of the organization and end users are examples of internal issues.	interested par
The information contained in documented procedures, manuals, forms, and checklists are examples of <u>risk</u> documentation.	maintained
Evidence-based decision-making is one of the QM requirements.	principles
The cost of quality is high.	nonquality
Levels of service is one of the quantitative measures of productivity.	Quality
Basic quality planning is one of the characteristics of quality assurance.	QC
Using documented procedures to assist persons in the organization with less experience avoids the risk.	Eliminate
The organization shall <u>determine external and internal risks that are relevant</u> to its purpose and its strategic direction.	issuer
The requirement for applicability of the ISO 9001:2015 shall be addressed in determining the scope of the international standard sub-clause.	QM system.
Non-fulfillment of a requirement is called nonconforming.	noncerformity
Where there is a requirement to be able to trace outputs, the organization should ensure that relevant documented information about the <u>identified process output</u> is available and <u>maintained</u> .	retained
ISO 9004:2015 aims at managing the sustained success of an organization. The process approach is one of the <u>Risk-based thinking principles.</u>	9004; 2018 ISO9001
The <u>risk assessment enables an organization to ensure that its processes are adequately</u> resourced and managed and that opportunities for improvement are determined and acted on.	Process approa
In ISO 9001: 2008, the "Internal audit" sub-clause corresponds to the improvement clause.	Performance
The "quality procedures" is a document specifying the QMS of an organization.	Quality manual
Once the organization is registered the accreditation body has a system of routine surveillance visits. After two years, a reassessment is made.	3 year low
Audits conducted by organizations on their external providers and other external interested parties (third party).	2nd
ISO 9001 registration will prevent suppliers from producing and delivering nonconforming products to customers.	not
ISO 9001:2008 includes 8 requirements and is based on 7 principles.	8 principles
	14 P. S. 1855 St. New Police



Q1 (22.5 pts/07) - Please indicate whether each of the following statements is True/False. Correct the false part.

- For a given customer need, the 5-Likert scale for planned and existing customer satisfaction ratings are 5 and 3. No change the overall weighting is required. Customer importance = 4. The overall weight is 9.6. False 5-6
- Quality-based system emphasizes products/services and the upstream processes. Prevention
- "Use of quality costs" is performed in quality assurance. --
- If a firm has a very good process to begin with, use FMEA to make it better. Captinual imp /2 vement
- Quality is not negotiable and leads to better performance in the marketplace.
- Benchmarking gives structure to the creative process by organizing ideas in a way that allows discussion and improvement by all participants. Affinity diagram
- . The cost of high-quality is high. No quality
- Technical benchmarking indicates the importance of the customer's needs from the marketing point of view. Competitive
- Benchmarking is part of quality management focused on fulfilling quality requirements.
- In quality, HOWs defines how much of the product characteristics must be provided. Design Fargets
- Mystery shoppers are one of the methods for increasing the level of customer satisfaction perciption
- The competitive analysis is intended to provide specific information on where the organization stands relative to competing products. Technical X Bench
- · Cost, quality, and productivity are alternatives and complementary objectives. Complementary not alternatives
- There is a rule of thumb in benchmarking that only 15 % of the interrelation cells will show no relationship between Whats and Hows with out "No"
- "Sorting, grading, and reblending" are performed in the inspection approach to management of quality.
- Customer complaints are one indication of customer dissatisfaction. Jakisfaction
- A related cost to poor quality is the reliability cost ... liability
- Quality management system development is one of the characteristics of quality assurance
 - QFD teams must include process operators. T
- Quality control and inspection are prevention-based systems. -detection
- Identifying sources of nonconformance is a characteristic of quality control.
- The weight percentage is calculated by dividing the function by cost . Value Engineering
- QFD requires competitive analysis to compare customer satisfaction with the current product versus competing products. AQL is one of the qualitative measures of quality. -quantitative benchmarking
- "Policy deployment and teamwork" are features of the TQM approach to the management of quality T
- Human resources, funding, and involvement approved by management are crucial in quality assurance beach macking The improvement factor with a 1-10 scale for planned and existing customer satisfaction ratings of 8 and $6 = 1.4 \cdot 1.2$

he house of quality employs six attached submatrices.

Competitive analysis involves comparing a competitor's product features and pricing against those of the current fire

One of the disadvantages of poor quality is that there is no guarantee that after spending time and resources, becomes competitive. Teengineeling

Brainstorming is an involved process that cannot be compressed into a few weeks. Beach marking

The first step in identifying key business processes is to identify the metrics for the critical success factors.

Q2 (4 pts) Three quality characteristics (A, B, C) are correlated with 5 technical characteristics (x1 to x5) as follow

nree quality characteristics (A, B, C) are correlated with 5 comment									
ocu	Importance	XI	X2	X3	X4	X5	factor	/	
QCH	importance	(1000)				15	1.2	8.76	1
A	4	9	-		3	1 19	1.3	7.8	
В	5		3	0	-	7	1.5	7.5	
C	4	1	1	648	1000	28 8	10000		1
		59.04	-34	-64.8	Tree.	- Lgia		1	
				-			d tachnical pric	141	

The sales point = 1.2 for each characteristic. Based on the % of total weights and technical priorities.

---- (show calculations) WHAT ---Most important HOW -

5.76 = 4x1.2 x1.2

Q (3.5) Please provide concise justifications for the following statements: (3pts)

 Benchmarking supports total quality. How! it used to show which process are candidates for continual improvement and which require major changes

 Not all processes in an organization need to be benchmarked! Which process? the weakest processes.

. Benchmark the best-in-class, not the best-in-industry. Why?

because best-in-class in Statements in the process not industry