The specified of a ideal sanager epends on the proper oplication of sanagement	Be able to: cxplain the concept of the principles of management; describe the principles of management; and cxplain the skills of an ideal manager.	Guidelines (Cues/Steps/ Stages) You have to: • explain the concept of the principles of management: • explain the principles or ideals of	Indicator A. Concept of the principles of management	4 Explains the concept of the principles of	Assessment Criteria Rating 3 Explains the concept of the	Scale 2 Explains the concept	1 Writes the	Score	Com
atement — The Expertise of In ideal Imager I	explain the concept of the principles of management; describe the principles of management; and explain the skills of	explain the concept of the principles of management; explain the principles or	A. Concept of the principles of	concept of the	3 Explains the	2 Explains the concept	1 Writes the	Score	
The specified of a ideal sanager epends on the proper oplication of sanagement	of the principles of management; • describe the principles of management; and • explain the skills of	concept of the principles of management; • explain the principles or	A. Concept of the principles of	concept of the	3 Explains the	2 Explains the concept	1 Writes the	Score	
epertise of n ideal nanager epends on the proper oplication of nanagement	management; • describe the principles of management; and • explain the skills of	principles of management; • explain the principles or	the principles of	concept of the			Writes the		
anagement	un ideai manager.			management correctly with examples	principles of management with examples and is mostly correct	of the principles of management with examples and is partially correct	definition only		
rinciples."	gement	successively; and • analyze how a manager applies the policies	B. Principles or the ideals of management	Describes the principles or ideals of management successively and accurately	Describes the principles or ideals of management successively and is mostly accurate	Describes the principles or ideals of management successively and is partially accurate	Names the principles or ideals of management		
		with efficiency.	C. Principles of scientific management	Describes the 4 principles of scientific management of F.W. Tailor correctly	Describes the 3 principles of scientific management of F.W. Tailor correctly	Describes the 2 principles of scientific management of F.W. Tailor correctly	Describes the 1 principle of scientific management of F.W. Tailor correctly		
the principles of analyzes with with modern examples of the management and scientific managerial skills with management by with scientific	Mostly analyzes with examples of the application of managerial skills with scientific and modern management principles	Partially analyzes without examples of the application of managerial skills with scientific and modern management principles	Writes how managerial skills can be applied with scientific and modern management principles only						
							Total		
				the policies with efficiency. C. Principles of scientific management D. Analysis of the principles of modern management and scientific management by considering the skills of managers Total Marks for the	the policies with efficiency. C. Principles of scientific management D. Analysis of the principles of modern management and scientific management and scientific management by considering the skills of managers Total Marks for the Assignment: 16 Note: Assigned Marks: Appropriate /Fully	the policies with efficiency. C. Principles of scientific management scientific management of F.W. Tailor correctly D. Analysis of the principles of modern management and scientific management of modern management by considering the skills of managers principles Total Marks for the Assignment: 16 Note: Assigned Marks: Appropriate /Fully Correct = 80-100%,	the policies with efficiency. C. Principles of scientific management of E.W. Tailor correctly D. Analysis of the principles of management and scientific management and scientific management of management of the principles of the management of management of the principles of the management of management of the principles of the management of the application of management of management of the application of the application of management by considering the and modern management managers principles Total Marks for the Assignment: 16 Note: Assigned Marks: Appropriate /Fully Correct = 80-100%, Mostly Correct = 70-799	the policies with efficiency. C. Principles of scientific management of management of F.W. Tailor correctly D. Analysis of the principles of management and scientific management and scientific management by considering the skills of management by considering the skills of management principles Total Marks for the Assignment: 16 Note: Assigned Marks: Appropriate /Fully Correct = 80-100%, Mostly Correct = 70-79%, and Partially Correct = 70-	the policies with efficiency. C. Principles of scientific management of management of F.W. Tailor correctly correctly D. Analysis of the principles of management and scientific management of management of management of management of the principles of scientific management of F.W. Tailor correctly correctly correctly correctly correctly D. Analysis of the principles of modern management of management of management of management of the application of management and scientific management by considering the and modern management principles of managers principles of management principles of management principles of management principles of management principles principles of management principles

Marks Obtained	Comment
13-16	Excellent
11-12	Very good
8-10	Good
7 or less than 7	Needs improvement

Assignment for HSC Examinees, 2021

Subject:	Production	Management	and	Marketing

Paper: 2nd

Subject Code: 287

Level: HSC

Assignment Number, Chapter Number and Chapter Title	Assignment	Learning Outcomes/ Subject Matter	Guidelines (cues/steps or stages)			Assessment Criterio	on /Rubric			Com't				
4	Analysis of	able to: to:	Rating Scale											
Chanter 2.	the functions of		Indicator	4	Ratin	g Scale	t	Score						
Chapter 2: Functions of Marketing	Marketing	concept of functions of Marketing; 2. Explain the concepts of	Explain the concept of functions of Marketing. Explain the concepts of	concept of functions of Marketing. • Explain the	concept of functions of Marketing. • Explain the	concept of functions of Marketing. • Explain the	concept of functions of Marketing. • Explain the	a. Concept of Marketing Functions	If the concept of functions of Marketing is appropriately written	If the concept of functions of Marketing is appropriately written in most cases	If the concept of functions of Marketing is appropriately written in a partial manner	If only the concept of Functions of Marketing is written		
		Buying and Selling and their importance; 3. Explain the	Buying and Selling and their importance. • Explain the concepts of	b. Concepts of Buying and Selling and their importance	If the concepts of Buying and Selling are appropriately written with 5 importance of each	If the concepts of Buying and Selling are appropriately written with 4 importance of each	If the concepts of Buying and Selling are appropriately written with 3 importance of each	If the concepts of Buying and Selling are appropriately written with 1/2 importance of each						
		concepts of Transportation and Warehousing and their	Transportation and Warehousing and their	Transportation and Warehousing	c. Concepts of Transportation and Warehousing and their benefits	If the concepts of Transportation and Warehousing are appropriately written with 5 importance of each	If the concepts of Transportation and Warehousing are appropriately written with 4	If the concepts of Transportation and Warehousing are appropriately written with 3	If the concepts of Transportation and Warehousing are appropriately written with 1/2					
		benefits; 4. Explain the concepts of Standardization and Grading and their	Explain the concepts of Standardization and Grading and their	d. Concepts of Standardization and Grading and their benefits	If the concepts of Standardization and Grading are appropriately written with 5 importance of each	importance of each If the concepts of Standardization and Grading are appropriately written with 4 importance of each	importance of each If the concepts of Standardization and Grading are appropriately written with 3 importance of each	importance of each If the concepts of Standardization and Grading are appropriately written with 1/2 importance of each						
		benefits; 5. Explain the concept of Packaging and	benefits. • Explain the concept of Packaging and its importance.	e. Concept of Packaging and its importance	If the concept of Packaging and 8 of its importance are written appropriately	If the concept of Packaging and 6/7 of its importance are written appropriately	If the concept of Packaging and 4/5 of its importance are written appropriately	If the concept of Packaging and 2/3 of its importance are written appropriately						
		its importance;		Total marks for this a				Total						

Marks Obtained	Comments
16-20	Excellent
14-15	Very good
10-13	Good
9 or below 9	Needs improvement

Subject: Finance, Banking & Insurance Level: HSC Paper: 2nd Subject Code: 293 Assignment Number, Chapter Number, Chapter Guidelines (cues/steps or stages) Learning Outcomes Assessment Criterion /Rubric Title Determining the role of Students will be able to While Rating Scale Score determining the Indicator 4 Explain the concept and the Central role of the central The concept of The concept of Concept of the Minimum Second Bank in bank in economic central bank is explained with central bank is explained with concept of central bank explained of central central bank Chapter: economic development, the functions bank explained development, controlling of the Central Bank controlling the money market, Central 1 example 3 scopes of central bank 3 examples b. Scope of central bank 4 scopes of central bank 2 scopes of central bank 1 scope of central the money market, and settling inter-Explain the and settling inter scope of the Central Bank bank explained bank receipts and explained 3 general functions of explained 2 general explained payments, c. General functions of central bank 4 general consider the general bank receipts Analyze the functions of the functions of the function of the and payments/mu following points: Explain the functions of central the bank described central bank described central bank described central bank the Central described Bank in controlling concept of the central bank tual d. Credit 3 quantitative and 1 qualitative/selec 3 quantitative methods of credit control 2 quantitative methods of 1 quantitative method of credit indebtedness the money Describe the methods of credit control scope of the central bank control policies market central bank policies of the central bank tive methods of credit control policies of the central bank of the central bank is explained Explain the concept and Describe the policies of the are explained are explained functions of the the central bank are importance of clearinghouse. central bank explained Explain the 4 importance of clearinghouse 2 importance of clearinghouse 3 importance of 1 importance of credit-control Importance technology or methods of the clearinghouse described described described described clearingho central bank in controlling the Total money market
Explain the importance of the Total marks for this assignment: 20 clearinghouse

Marks Obtained	Comment
16-20	Excellent
14-15	Very good
10-13	Good
0-9	Needs improvement

Subject: P	nysics	P	aper: Second		Subject	Code: 175	Level	1130				
Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/steps or stages)		Assessme	nt Criterion /Rubri	c		Com't			
	Title: Analyzing the role of				vii							
4 different components in case		combination	Indicator	Rating Scale								
Chapter	of the flow of electricity in a	mathematical	of resistances and junction points X and Y should be used and Figure has to draw.	Indicator	3	2	1	Score				
Chapter Title: Current Electricity R ₁ V ₂ R ₄ R ₅ R ₆ R ₇ Fig: 1 (a)Show with figure how will be the two laws of Kirchhoff's inFig: 1. (b) How will the current flow change if the battery V ₁ connects by changing the end of the battery?Show with figure. Let's take another circuit. Suppose, one bulb is connected with 2 batteries in the circuit. The electromotive force of the two batteries is 12V, internal	points X and Y should be used and Figure has to draw.	to the points X and Y should be used and Figure has to draw. To solve (b), combination of resistance and should be		points X and Y should be used and Figure has to draw.	points X and Y should be used and Figure has to draw.	points X and Y should be used and Figure has to draw.	points X and Y should be used and Figure has to draw.	a)Description of Kirchhoff'slaw and its mathematical expression with figures	Providing descriptions and mathematical expressions of Kirchhoff's two laws with necessary figures	Providing descriptions and mathematical expressions of Kirchhoff's two laws	Providing descriptions and mathematical expression of Kirchhoff's one law with necessary figures	
	Fig: 1 (a)Show with figure how will be the two laws of Kirchhoff's inFig: 1. (b) How will the current flow change if the battery V ₁ connects by changing the end of the battery?Show with figure. Let's take another circuit. Suppose, one bulb is connected explain the combination resistance should be ensured combination to combination of series and parallel connection of cells in the circuit Be able to determine the electric current and potential difference in a circuit by using Kirchhoff's law.		b) Providing the direction of electric current with figures		Direction of electric current with correctfigures	Only providing the idea						
		Fig: 1 connection of cells in the circuit Show with figure how will be two laws of Kirchhoff's Be able to determine the	c)Measuring electric current with figures	Determining the value and direction of electric current with necessary figures	Determining the value of electric current	Only providing the idea or only providing the formula						
		current and potential difference in a circuit by using Kirchhoff's		d) Determining thenecessaryvalues of series and parallel combination & making a comparison between them	Determining the necessary values and providing comparison	Determining the value with required formula Or Providing idea of determining the value and presenting comparison	Only providing the idea of determining the value or just presenting the comparison					
	The electromotive force of the			e) Determining the condition of similar brightness	Determination of necessary value	Determination of condition with explanation	Providing just the condition					

resistance 4.5 ohm. (c) For series connection of the batteries in circuit, calculate the current flow.		and determination of condition with explanation					
(d) If the internal resistance of the bulb is r, for series or parallel, in which case the bulb	f) Measure the percentage of brightness of the bulb that is reduced		Determining the correct value	Only providing the formula			
will glow brighter?	Total						
(e) For which condition, the bulb will glow with equal brightness for both series and parallel combinations?	Total Marks: 16						
(f) If the current decreases by 25%, by what percentage the brightness of the bulb will decrease?							

Marks Obtained	Comments
13-16	Excellent
11-12	Very good
08-10	Good
0-07	Needs improvement

Subject: High	er Mathema	tics	Paper: 2 nd		Su	bject Code:	266	Lev	el: HSC	7
Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/steps or stages)			Assessment Cr	iterion /Rubric			Co
	The	Students	a. Show that							
04	solution	will be able	$\sec^2(g(5)) + \cos ec(g(\frac{1}{2})) = 31$	Indicator			ing Scale		Score	
Chapter-VII	about the	to:	see (g(3)) cosee(g(2)) = 31		4	3	Proved	Put the value		
(Inverse	trigonomet ric	Explain inverse		a			Floved	of function		
Trigonometric	function	relation of	b if $f^{\dagger}(y) = \cos^{\dagger} y = \frac{\pi}{2}$ then	b		Proved	Removed the	Put the value		
Functions &	and	trigonomet	b. If $f'(x) - \cos^{-1} y = \frac{\pi}{6}$ then				trigonometric	of function		
Γrigonometric	equation	ric	prove that $4(x^2+y^2-xy)=3$			D1	function	D. et al.		
Equation)	related	functions	(Applying the formula	c		Proved	Removed sine	Put the value of function		
	problem:	and	$\sin^{-1} x + \cos^{-1} x = \frac{\pi}{2}$ or	d	Determined	Applied	Removed the	Put the value		
	64->	determine	-		the general	formula	trigonometric	of function		
	f (x)=sinx and	their	Remove the trigonometric		solution	Determined	fraction.	Put the value		
	anu	principal values.	function by using any other	e	Determined the solution	the general	Applied	of function		
	g(x)=tan-1x	Determine	appropriate way)		in the interval	solution	101 Hillian	oriunction		
	0.	the	c. If					Total		
		general		Total mark	s for this assign	ment: 16				
		solution of	$f(\pi\cos\theta) = f(\frac{\pi}{2} \pm \pi\sin\theta)$							
		trigonomet	Then show that							
		ric	$4\theta \pm \pi = 4\sec^{-1}(2\sqrt{2})$							
		equation.								
		• Find the	d. Solve the equation:							
		solution of	1 \ \sqrt{3} \ \ \sqrt{4}							
		trigonomet	$\frac{1}{f(2x)} - \frac{\sqrt{3}}{f(\frac{\pi}{2} - 2x)} = 4$							
		equation	$J(\frac{1}{2}-2x)$							
		in a	E. When the interval $0 < \theta < 2\pi$							
		certain	then solve the equation:							
		interval.	1. 6/# 00. 6/# 200 0							
			$1 + f(\frac{\pi}{2} - \theta) + f(\frac{\pi}{2} - 2\theta) = 0$							

Marks Obtained	Comments
13-16	Excellent
11-12	Very good
08-10	Good
0-07	Needs improvement

Subject: Biology Paper: 2nd Subject Code: 179 Level: HSC

9										_	
Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	The state of the s							Com	
4	Observation	Learners	1. Necessary components: One Rohu/Taki	Indicator	Rating Scale				Score		
Chapter 2: Introduction to Animal	of the external structure of Rohu / Taki or similar fish	will be able to describe the structure of Rohu Fish	Fish (any other fish if those are not available), Scale, Measurement tape (suitable for measuring in centimeter). If necessary, measurement can be taken with yarn and then putting it on the scale. All measurements of length and width will be in units of centimeters. 2. For the assignment, two tables should be made on an A4 or similar size paper (see the next page). 3. When measuring the body size of the fish, the maximum length should be taken from the mouth to the end of the tail. For the maximum width, the part of the body that is widest from the chest to the surface should be measured. This measure should be taken except fins. 4. In the case of other parts also, the measurement should be written in the table as per the instructions. In the case of lateral lines and several distances, it is enough to mention only the length. In the case of fins, the maximum length and the maximum width should be specified. 5. Two scales- one from the surface and another from the thoracic region should be	a. To measure total 9 in Table-1 (external structure) (1-1 and 1-2). b. To measure a total 8 of 1-3 in Table-1 (external structure).	At least 8 of the nine boxes filled up in an acceptable way. All 8 boxes filled up in an acceptable way.	6-7 of the nine boxes filled up in an acceptable way. 6-7 of the eight boxes filled up in an acceptable way.	2 3-5 of the nine boxes filled up in an acceptable way. 3-5 of the eight boxes filled up in an acceptable way.	1 1-2 of the nine boxes filled up in an acceptable way. 1-2 of the eight boxes filled up in an acceptable way.			
				c. Placing and measuring two samples of scales in Table 1 (1-4 and 1-5)	To be able to specify placing and measuring of two samples in an acceptable way.	To be able to place two samples but specify the measurem ent of one in an acceptable way.	To be able to place one of two but specify the measureme nt of one sample in an acceptable way.	To be able to place one of two samples in an acceptable way			
	taken and dried. Then keeping them in the specified box of Table-1 (1-4 and 1-5), outlines have to be drawn with a pen.	Total marks for	this assignmen	.t. 12		Total					
		1 otal marks for	tins assignmen	11. 12							

Then along the vertical and horizontal axes of each of the two scales, the length and width should be mentioned as in the picture above. '2?' mark in the diagram will be replaced by numbers.	

Marks Obtained	Comments	
10-12	Excellent	
08-09	Very good	
06-07	Good	
0-05	Needs improvement	

Table of Assignment

1-1: Head part	Maximu	m length(cm)	Maximum width(cm)
 Body of fish 			
• Eye			
 Operculum 			
-2: Head and lateral line			Length(cm)
 The lateral line of any one s 	ide		
 The distance from the nostr 	ils on any one side to the eyes o	of that side.	
 The distance from the nostr 	ils on any one side to the moutl	h of that side.	
-3: Fin	Maximu	m length(cm)	Maximum width(cm)
 Dorsal fin 			
 Caudal fin 			
The pectoral fin of any one:	side		
 The pelvic fin of any one sid 	e		
1-4: Sample of a Dorsal fin (with the measurement in		1-5: Sample of a Pectoral fin (with the measurement of cm)	