

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার মাধ্যমিক ও উচ্চ শিক্ষা অধিদপ্তর বাংলাদেশ, ঢাকা www.dshe.gov.bd



স্মারক নং- ৩৭.০২.০০০০.১০৬.২৭(অংশ-২).০০১.২০- *১১১১*

তারিখ: ০৬/০৯/২০২১ খ্রি.

বিষয়: ২০২১ সালের এস.এস.সি পরীক্ষায় অংশগ্রহণকারী শিক্ষার্থীদের জন্য অ্যাসাইনমেন্ট (ইংরেজী ভার্সন- অষ্টম সপ্তাহ) বিতরণ।

উপর্যুক্ত বিষয়ের প্রেক্ষিতে জানানো যাচ্ছে যে, কোভিড-১৯ অতিমারির কারণে শিক্ষা মন্ত্রণালয়ের নির্দেশনায় জাতীয় শিক্ষাক্রম ও পাঠ্যপুস্তক বোর্ড (এনসিটিবি) কর্তৃক প্রণয়নকৃত ২০২১ সালের এস.এস.সি পরীক্ষায় অংশগ্রহণকারী শিক্ষার্থীদের জন্য পুনর্বিন্যাসকৃত পাঠ্যসূচির আলোকে নির্ধারিত গ্রিড অনুযায়ী **অ্যাসাইনমেন্ট (ইংরেজী ভার্সন- অষ্টম সম্ভাহ)** বিতরণ করা হলো। বিতরণকৃত অ্যাসাইনমেন্ট সকল শিক্ষার্থীদের প্রদান ও গ্রহণের ক্ষেত্রে স্বাস্থ্যবিধি সংক্রান্ত বিধিনিষেধ যথাযথভাবে অনুসরণপূর্বক প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য সংশ্লিষ্ট সকলকে নির্দেশক্রমে অনুরোধ করা হলো।

সংযুক্ত: অ্যাসাইনমেন্ট (ইংরেজী ভার্সন- অষ্টম সপ্তাহ)।

0y. 03, 2023

(প্রফেসর মোহাম্মদ বেলাল হোসাইন)

পরিচালক (মাধ্যমিক) ফোন: ০২-৪১০৫০২৮৫

বিতরণ:

- 1। উপপরিচালক (সকল), মাধ্যমিক ও উচ্চ শিক্ষা, সকল অঞ্চল
- ২। জেলা শিক্ষা অফিসার, সকল জেলা
- ৩। উপজেলা/থানা মাধ্যমিক শিক্ষা অফিসার, সকল উপজেলা/থানা
- ৪। অধ্যক্ষ/প্রধান শিক্ষক....

অনুলিপি ও সদয় জাতার্থে (জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১. সচিব, শিক্ষা মন্ত্রণালয়, মাধ্যমিক ও উচ্চ শিক্ষা বিভাগ, বাংলাদেশ সচিবালয়, ঢাকা
- ২. চেয়ারম্যান, জাতীয় শিক্ষাক্রম ও পাঠ্যপুস্তক বোর্ড, ঢাকা
- ৩. চেয়ারম্যান, মাধ্যমিক ও উচ্চ মাধ্যমিক শিক্ষা বোর্ড, সকল
- 8. জেলা প্রশাসক, সকল জেলা
- ৫. সিনিয়র সিস্টেম এনালিষ্ট, ইএমআইএস সেল, মাধ্যমিক ও উচ্চ শিক্ষা অধিদপ্তর, বাংলাদেশ, ঢাকা [অ্যাসাইনমেন্টটি মাউশি অধিদপ্তরের ওয়েবসাইটে প্রকাশের অনুরোধসহ]
- ৬. উপজেলা নির্বাহী অফিসার, সকল উপজেলা
- ৭. পিএ টু মহাপরিচালক, মাধ্যমিক ও উচ্চ শিক্ষা অধিদপ্তর, বাংলাদেশ, ঢাকা
- ৮. সংরক্ষণ নথি

Subject: History of Bangladesh and World Civilization

Subject: History of Bangladesh and World Civilization

Subject Code: 153

Level: SSC

Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/extent/step s)	Assessment Criterion /Rubric						Com'ts
	A report on -	Will be able to	-Focusing on	Indicator			Score			
6			Ayub Khan's	Hulcator	4	3	2	1		
Chapter Twelve: Military rule and the movement for Right of Self- determination(1958-	From the movement for autonomy to the war of liberation': perspective	-describe the situations in Pakistani politics that ensued from military	military rule and different movements against it. -Bangabandhu's	a) Movements against military rule:	Events of anti- military rule movements are informative and sequential.	Events of antimilitary rule movements are informative but not sequential.	Events of anti- military rule movements have the informational mistake and lack continuity.	Reference to anti-military movements are not relevant.		
1969)	East Pakistan	intervention; -explain the disparities between East and West	Six Points in the context of different discrimination by West Pakistani	b) Discriminati on toward East Pakistan and Six Points:	The link between discriminations and Six Points has been analyzed.	Only the discriminations have been mentioned.	Only the Six Points have been analyzed.	Neither the discriminations nor the Six Points have been mentioned properly.		
		Pakistan; -analyze the impacts of Six Points demand in Bangalees' movement for	ruling Class toward East Pakistan; -The reaction of Six Points (Historic	Class d East an; c) Historic Agartala Case and Mass Uprising:	Explanation of the Historic Agartala Case and Mass Uprising is accurate.	Explanation of the Historic Agartala Case and Mass Uprising is mostly accurate.	Explanation of the Historic Agartala Case and Mass Uprising is partially accurate.	Historic Agartala Case and Mass Uprising have not been explained accurately.		
		autonomy; -explain the significance of the historic Agartala Case; -describe the background	Agartala Case and Mass Uprising); -Analyzing how the war of liberation became inevitable through the abovementioned	d) From autonomy to liberation:	Explanation of the transition of the movement from autonomy to the war of liberation is logical and creative.	Explanation of the transition of the movement from autonomy to the war of liberation is logical but not creative.	Explanation of the transition of the movement from autonomy to the war of liberation is correct but not logical and creative.	Explanation, information and argument for the transition of the movement from autonomy to the war of liberation is not that correct.		
		and effects of	movements;					Total-		
		Mass Upsurge in 1969;			T	otal marks for this	assignment: 16			

Marks Obtained	Comments
13-16	Excellent
11-12	Very good
08-10	Good
00-07	Needs improvement

Subject: Physics

Assignment for SSC Examinees, 2021 Subject Code: 136

Subject: Physics Subject Code: 136 Level: SSC

Assignment Number, Chapter Number, Chapter Title	Assignment Property of light in spoon	Learning Outcomes Students will be	Guidelines (cues/steps or stages)	Assessment Criterion /Rubric			Comments			
06	Take a new shiny metal spoon. Hold	able to know a	text on pages			Rating Sc	ale		Score	
Chapter 08:	the spoon in front of you and see your	mirror.	213-238 of	Indicator	4	3	2	1	Beore	
Reflection of light	portion of the spoon. Now observe the nature, size and shape of your image by moving the inner part of the spoon back and forth. Similarly, observe the nature, size and shape of your image	 Students will be able to explain images. Students will be able to explain magnification. Students will be 	the textbook.	a)Types of mirror			If Students can draw according to the radius of curvature	If Students can draw without radius of curvature		
	consider the radius of curvature of the spoon is 4 cm. a) Show with drawing, what kind of mirror you find inthe inside and outside portion of the spoon? 2 b) Draw the position, nature and size of the image by placing a pencil of your preferred length within the radius	able to show the creation of an image.		b)Position, nature and size of the image for the inside portion of the spoon along with magnification.	If Students can draw according to the radius of curvature and can find out the position and magnification of the image	If Students can draw according to the radius of curvature and can find out the position of the image	If Students can draw according to the radius of curvature	If Students can draw without radius of curvature		
	of curvature and within the focal length for the inside portion of the spoon by using a geometry box and determine its magnification. 4 c) Draw the position, nature and size of the image by placing a pencil of your preferred length within the radius of curvature and within the focal length for the outside portion of the spoon by using a geometry box and determine its magnification.4			c)Position, nature and size of the image for the outside portion of the spoon along with magnification. Total marks for	If Students can draw according to the radius of curvature and can find out the position and magnification of the image	If Students can draw according to the radius of curvature and can find out the position of the image	If Students can draw according to the radius of curvature	If Students can draw without radius of curvature		

Marks Obtained	Comments
09-10	Excellent
07-08	Very good
05-06	Good
0-04	Needs improvement

Subject: Business Entrepreneurship

Subject Code: 143

Level: SSC

Subject: Business Entrepreneurship

Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/steps or stages)	Assessment Criterion /Rubric					Com'ts	
	Justify the	Students will	Students will	Indicator Rating Scale Sco			Score			
6	statement-	be able to:	answer the		4	3	2	1		
	"Sole	 Explain the 	question in the	a. Concept of	Concept of sole	Concept of sole	Concept of sole	Concept of sole		
Chapter 4:	Proprietorship,	definition,	following	Sole Proprietary Business	proprietary business is	proprietary business is	proprietary business	proprietary business is		
	the Oldest and	features and	manner:	Dusilless	properly explained	properly explained	is properly explained without	partially		
Business	Most Popular	advantages-	• Concept of		with detailed	with examples	examples	explained		
Based on	Business	disadvantages	Sole		examples	without details				
Ownership	nip Organization is Still the Proprietary Unrivaled Business model of business." Of a Sole Proprietary Business Ocharacteristics of Sole	b. Characteristics of Sole Proprietary Business	At least 8 features of a sole proprietorship business are correctly written	At least 6 features of a sole proprietorship business are correctly written	At least 4 features of a sole proprietorship business are correctly written	At least 2 features of a sole proprietorship business are correctly written				
		reasons for the popularity of a Sole Proprietary Business Business Suitable area of Sole Proprietary Business	BusinessSuitable areas of Sole	c. Suitable areas of Sole Proprietorship Business	At least 8 suitable areas of sole proprietorship business are correctly written with necessary examples	At least 6 suitable areas of sole proprietorship business are correctly written with necessary examples	At least 4 suitable areas of sole proprietorship business are correctly written with necessary examples	At least name of 1 suitable area of sole proprietorship business is written		
			• Reasons for the popularity of Sole Proprietorship Business	d. Reasons for the popularity of Sole Proprietorship Business	At least 4 reasons for the popularity of a sole proprietorship are explained	At least 3 reasons for the popularity of a sole proprietorship are explained	At least 2 reasons for the popularity of a sole proprietorship are explained	At least 1 reason for the popularity of a sole proprietorship is explained		
			D doine of		T	otal marks for this as	sianment: 16	Total-		

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

Subject: Geography & Environment

Subject: Geo	Subject: Geography & Environment			Subject Cod	Subject Code: 110					SSC
Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/steps or stages)	Assessment Criterion /Rubric					Com'ts	
•	Write an	Students will be	Students would	T 11 4		Ratin	g Scale		Score	
05	analytical	able to	-describe the	Indicators	4	3	2	1		
	essay on	-explain the	determining	a) Description	The	The	The	The determining		
Chapter	human	factors of human	factors for	of the	determining	determining	determining	factors for		
Eight:	settlements in	settlements;	settlements in	determining	factors for	factors for	factors for	settlements in		
Human	agricultural	-explain the	rural areas;	factors for	settlements in	settlements in	settlements in	rural areas are		
Settlements	areas	patterns/types of	-describe the	settlements in	rural areas are	rural areas are	rural areas are	written only		
		rural and urban	types of rural and	rural areas.	described	mostly	partially	(but not		
		settlements;	urban settlements;	1) 5	appropriately.	described.	described.	described).		
		- explain the	-mention the	b) Description	Types of rural	Types of rural	Types of rural	Only the types		
		characteristics	name of the	of the types of rural and urban	and urban	and urban	and urban	of rural and		
		and patterns/types	settlement in	settlements	settlements are explained	settlements are mostly	settlements are partially	urban settlements are		
		of rural	agricultural areas	settiements	appropriately.	explained	explained.	written (but not		
		settlements.	and describe the		арргорпасту.	схріаніса	схріаніса.	described).		
			patterns/types of	c) Mention the	Mentioning the	Mentioning	Mentioning the	Only the		
			this settlement.	name of the	name of the	the name of	name of the	patterns/types of		
				settlement in	settlement in	the settlement	settlement in	settlements in		
				rural/agricultural	rural/	in rural/	rural/	rural		
				areas and	agricultural	agricultural	agricultural	/agricultural		
				describe the	areas,	areas,	areas,	areas are		
				patterns/types of	patterns/types	patterns/types	patterns/types	identified (but		
				this settlement.	of this	of this	of this	not explained).		
					settlement are	settlement are	settlement are			
					explained	mostly	partially			
					appropriately.	explained.	explained.	Total-		
					Total	marks for this a	ssignment: 12	20001	1	
							50-79%, Partially-	40-59%		

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

Subject: Chemistry

Subject: Chemistry Subject Code: 137 Level: SSC

Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/steps or stages)	Assessment Criterion /Rubric						Com'ts
	To follow the octet and	Students' will be	 ◆Has to write 	T., dianta.		Rating Scal	le		Score	
	duet rules during the	 Able to explain 	octet and duet	Indicator	4	3	2	1		
05	formation of compound,	stability of inert gases	rules	a) Octet and	Has explained octet	Has explained	Has explained	Has		
	process of their			duet rule	and duet rules	duet rule	octet rule	explained the		
Chapter	formation, solubility	• Able to explain the			applicable for two	applicable for	applicable for	octet and		
Five:	and electrical	concept of octet and	•Has to write		compounds	two	two	duet rules		
11,6,	conductivity.	duet rules	the process of			compounds	compounds			
Chemical	The principal component	Able to explain	forming covalent bond	b) Covalent bond	Has properly explained the process	Has properly explained the	Has properly explained the	Has properly explained the		
Bond	of natural gas is methane,	chemical bond and	and its	formation and	of forming covalent	process of	process of	process of		
	and that of edible salt is	cause of its formation	solubility	solubility	bond in methane	forming	forming	forming		
	sodium chloride. Test the			J	molecule and its	covalent bond	covalent bond	covalent		
	solubility and electrical	 Able to explain how 	 ◆Has to write 		solubility in water	in methane	in methane	bond		
	conductivity of edible salt	and why the ions are	the process of		theoretically with	molecule with	molecule			
	in water. These two	created	forming of		figure	figure				
	compounds, during		ionic bond	c) Ionic bond	Has properly	Has properly	Has properly	Has properly		
	formation, exchange or	• Able to explain the	and its	formation and	explained the process	explained the	explained the	explained the		
	share electrons. Atoms	process of the formation	solubility	solubility	of forming ionic bond	process of	process of	process of		
	follow the octet and duet	of ionic bond	Has to write the electrical		in edible salt and its	forming ionic	forming ionic	forming ionic		
	rules during the formation	Able to explain the			solubility in water with	bond in edible	bond in	bond		
	of compound.	process of the formation	conductivity of compound		figure	salt with figure	edible salt			
	Prepare a report on how	of covalent bond	or compound	d) Electrical	Has explained the	Has explained	Has explained	Has		
	the compounds follow	or covarent bond		conductivity of	electrical conductivity	the electrical	the electrical	explained the		
	octet or duet rule while	Able to explain the		compound	of two compounds	conductivity of	conductivity	electrical		
	forming, their formation	relation of melting			properly with figure	two	of one	conductivity of one		
	process, solubility in	point, boiling point,				compounds	compound properly with			
	water and their electric	solubility, electrical				properly	figure	compounds properly		
	conductivity.	conductivity and					nguie	Total-		
	_	properties of crystal			Total may	rks for this assign	mont. 16	Total-		
		formation with ionic			Total Illa	iks for this assign	ment. 10			
		and covalent bonds								

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

Subject: Accounting

Subject: Accounting Subject Code-146 Level: SSC

Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/steps or stages)		Assessmen	nt Criterion /R	ubric			Com'ts
	Ledger as the permanent	Students will be	To explain	Indicator		Rating	Scale		Score	
	book of accounts in a	able to	the concept and		4	3	2	1		
05	business organization	• explain the idea	importance of a	a)Explaining the	If importance	If	If	If only		
Chapter	Necessary Information:	and importance of a ledger as a	ledger, To calculate	importance of ledger with its concept and	of ledger	importance	importance	importance of a ledger		
Seven:	A few transactions of	permanent book.	the balances by	features	properly explained	of ledger explained	of ledger written	or concept		
Ledger	Rubayat Traders in May,	• calculate the	preparing a	icatures	with its	with	with	of a ledger		
	2020 are as follows:	balances by	ledger,		concept &	concept	concept	(any 1)		
	May 5-Goods purchased	preparing accounts	●To verify the		features	1	•	written		
	on credit of tk.45,000;	through "T" and	arithmetical	b)Determining the	If all balances	If 3	If 2	If 1		
	May 8-Goods sold of	"Moving balance"	accuracy by the	balances of Cash,	of accounts	balances of	balances of	balance of		
	tk.50,000 of which 60% by check & 40% in cash.	formats. • analyze the	debit and credit balances of a	Purchase, Sales &	calculated	accounts	accounts	account		
	May 13-Almirah	significance of	ledger.	Furniture a/c using 'T' ledger format using	correctly	calculated correctly	calculated correctly	calculated correctly		
	purchased by check for	debit and credit	leager.	necessary information		Concerny	correctly	correctly		
	business of tk.25,000;	balances of		c)Determining the	If all balances	If 3	If 2	If 1 balance		-
	May 15- Goods drawn by	different ledgers.		balances of Debtor,	of accounts	balances of	balances of	of account		
	owner of tk.5,200;			Creditor, Bank &	calculated	accounts	accounts	calculated		
	May 18- Received from debtors tk.4,000;			Drawings a/c in	correctly	calculated	calculated	correctly		
	May 30- Paid to creditors			Moving Balance ledger		correctly	correctly			
	tk.8,500.			format using necessary information						
				d)Verifying the	If arithmetical	If 1 error	If	If 2		1
				arithmetical accuracy	accuracy	available in	maximum	accounts		
				of accounts by	verified	arithmetical	accounts	balances		
				calculated balance	accurately	accuracy	balances	written		
						verification	written	correctly		
							correctly	Total-		-
					Total marks for	Assignment:	16	1 otal-		-

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

Subject: Civics and Citizenship

Subject: Civics and Citizenship				Subject Code: 140					Level:	SSC	
Assignment Number	Assignment	Learning Outcomes	Guidelines (clues/steps/stages)	Assessment Criterion/Rubric					Com'ts		
05	Role of the Judiciary to	• Students will be able	- describe the power of the	Indicator	Indicator Rating Scale						
Chapter Six: Government System In Bangladesh	establish the Rule of Law.	describe the composition, power and function of the Judiciary of Bangladesh.	de describe the composition of the Judiciary of n, Bangladesh describe the power of the Judiciary describe the	a.Composition of the Judiciary. b.Power of the Judiciary. c. Function of the Judiciary. d.Rule of Law and Judiciary.	Composition of the Judiciary is explained appropriately. Power of the Judiciary is described appropriately. Function of the Judiciary is described appropriately. Role of the Judiciary to establish the Rule of Law is explained	Composition of the Judiciary is mostly described Power of the Judiciary is mostly described. Function of the Judiciary is mostly described. Role of the Judiciary to establish the Rule of Law is mostly	Composition of the Judiciary is explained partially. Power of the Judiciary is described partially. Function of the Judiciary is described partially. Role of the Judiciary to establish the Rule of Law is explained	Composition of the Judiciary is not described clearly. Power of the Judiciary is not described clearly. Function of the Judiciary is not described clearly. Role of the Judiciary to establish the Rule of Law is not explained	Score		
					appropriately.	explained.	partially.	clearly. Total-			
				Total marks for this assignment: 16							
				N.B. Appropriately- 80-100%, Mostly- 70-79%, Partially- 50-69% and Not clearly below 49%							

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

Subject: Higher Mathematics

Subject: Higher Mathematics Subject Cod				126					Level:	SSC
Assignment Number, Chapter Number, Chapter Title	Assignment	Learning Outcomes	Guidelines (cues/steps or stages)	Assessment Criterion /Rubric						Com'ts
	The solution of Students will be The answer will contain the following Indi- Rating Scale			Score						
	the	able to:	items:	cator	4	3	2	1	Score	
05 Chapter Eight: Trigonometry	trigonometric related problem: The position of ray <i>OX</i> is on the positive side of the x axis. At the	 Indicate trigonometric ratios and their signs in the four quadrants. Find the trigonometric 	a. If the coordinate of P is (20, -21) then find the value of $\frac{\cot \theta + \cos ec \theta}{\sin \theta + \cos \theta}$. b. If the coordinate of P is $(-\sqrt{3},-1)$ then	a	Found the value of expression.	Found the value of necessar y four ratios.	Found the value of necessary any two ratios.	Drew a picture then find the value of OP		
	point $O, \theta = \angle XOY$ angle is produced by a revolving ray	ratios of standard angles and associated angles up to 2π .	show that $(\cot\theta - \csc\theta + 1)(1 + \cos\theta) = \frac{3 - \sqrt{3}}{2}$			that both the sides are equal	value of minimum two necessary ratios.	the right quadrant/ Found the value of θ .		
	OY with respect to fixed ray OX. P is any point on OY.	 Find the trigonometric ratios of angle -θ. Find the 	c. If the coordinate of P is $(\sqrt{3},1)$ then find the value of $\sum_{n=1}^{6} \cos^2(2n-1)\theta$.	c		Found the value.	Put the value of ratios.	Put the value of n and θ and arranged the terms.		
		tring the trigonometric ratios of angle $\frac{n\pi}{2} \pm \theta \text{ and}$ apply for integer n	d. Solve the equation $\cos^4 \theta - \sin^4 \theta = 6\cos^2 \theta - 2(1 - 2\sin \theta)$ For $0 \le \theta \le 2\pi$, mention the quadrant where the ray OY is situated.	d	Determined the position of ray OY.	Found the value θ .	Resolved into factor.	Expressed the equation into the quadratic equation of $\sin \theta$.		
		$(n \le 4)$.			Tota	l marks for	this assignm	Total- ent: 14		

	Marks Obtained	Comments
	11-14	Excellent
	09-10	Very good
Γ	07-08	Good
	00-06	Needs improvement