#### **MATHEMATICS HSSC PART-I&II**



#### وفاقی متوسط و ثانوی تعلیمی بورڈ۔اسلام آباد

#### FEDERAL BOARD OF INTERMEDIATE & SECONDARY EDUCATION, ISLAMABAD

Name of Examination:
Subject/Paper:
•
Date:
Sig. of Dy. Supdt.

Roll Number							
0	0	0	0	0	0		
1	1	1	1	1	1		
2	2	2	2	2	2		
3	3	3	3	3	3		
4	4	4	4	4	4		
5	5	5	5	5	5		
6	6	6	6	6	6		
7	7	7	7	7	7		
8	8	8	8	8	8		
9	9	9	9	9	9		

نوك:
(i). اپنے جو ابات (سوالات اور جُزکے لئے )مختص جگہ پرتحریر کریں۔
(ii). جس پارٹ میں "OR" دیا گیاہے اُس پارٹ میں کسی ایک سوال کا جواب دیناہے۔
(iii). رف کام (Rough work) کے لئے آخری صفحہ استعال کریں۔
(iii). رف کام (Rough work) کے لئے آخری صفحہ استعال کریں۔ (iv). بورڈ کے قوانین کے تحت کا لی کے اندر اپنانام،رول نمبر لکھنا یا کوئی شاختی علامت بناناسخت منع اور مستوجب سزاہے۔
CAUTION:
i) Anawar the Quantian/(Part) at the anges ensaitied

- (i). Answer the Question/(Part) at the space specified.
- (ii). Attempt only one part where "OR" option is given.
- (iii). Use last page for rough work.
- (iv). Do not write your Name, Roll number or any identification mark anywhere in the Answer Book except at the specified place, as it is punishable under Board rules.

Sig. of Head Examiner
Sig. of Asstt. to Head Examiner
Sig. of Sub Examiner

FOR USE OF EXAMINERS ONLY						
Question No.	Marks obtained					
1						
2						
3						
4						
5						
6						
Total						

Total	marks in	Words:		
IUlai	IIIains III	words.		



#### Note: Draw the diagram within question if required. (Section B)

Q. No. 2 Part (i) (Page 1)	preparation for the proposition of the propagation	printer bant bant bant bant bant bant bant bant	sot basipasot baspasot baspasot baspasot baspasot baspasot baspasot basipasot baspasot baspasot baspasot basp	rado da espacio dal spaco da espaco da espaco dal spaco da espaco dal spaco dal spaco da espaco da espaco da espaco



. No. 2 Part (i) (P	age 2)	nananananununununununununununununununun	шылыныныныныныныныныныныныныныныныныныны	шнононононононононононон	



Q. No. 2 Part (ii) (Page 1)	epalepalepalepalepalepalepalepalepalepal	program program propagation program program program program of the	Theo beauthead	array sarray sarray



Q. No. 2 Part (ii) (Page 2) _	T FAIR FRANC F	T BAT BAT BAT BAT BAT BAT BAT BAT BAT BA	LOP BALO BALO BALO BALO BALO BALO BALO BALO	TRADURADURADURADURADURADURADURADURADURADU
( ) ( )				



Q. No. 2 Part (iii) (Page 1)	relipendendendendendendendendendendendendende	auteurauteurauteurauteurauteurauteurauteurauteurauteurauteurauteurauteurauteurauteurauteuraute	eu peut eut peut peut peut peut peut peu



Q. No. 2 Part (iii) (Page 2)	TRANSPROMETRIAL TRANSPROMETRIA	et best best best best best best best be	OF BADE BADE BADE BADE BADE BADE BADE BADE	LOV BALOV	штығығығығығығығығығы
(					



Q. No. 2 Part (iv) (Page 1)	nacre acres



Q. No. 2 Part (iv) (Page 2)	FROM THE GOTTH SECTEMENTS SECTEMENTS SECTEMENTS SECTEMENTS SECTEMENTS SECTEMENTS SECTEMENTS.	r bluy bluy bluy bluy bluy bluy bluy bluy	U BAU BAU BAU BAU BAU BAU BAU BAU BAU BA	NATU BADU BADU BADU BADU BADU BADU BADU BAD	CHICKURA HANDA CHARLANDA
( ) ( )					



Q. No. 2 Part (v) (Page 1)	acra ser a se



Q. No. 2 Part (v) (Page 2)	nananananananananananananananananan	LUDEUD EUD ELUDEUD	LO ELO ELO ELO ELO ELO ELO ELO ELO ELO E	DEDINING EDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDED
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				



Q. No. 2 Part (vi) (Page 1)	propriotively bounes propriotively bounes propriotively bounes propriotively bounes propriotively bounes propriotively bounes.	BUT	LLTPLATE BALTPLATE



Q. No. 2 Part (vi) (Page 2	2)	VELVELVELVELVELVELVELVELVELVELVELVELVELV	DEDENGEDEN EN E	LO ELO ELO ELO ELO ELO ELO ELO ELO ELO E
. , . •	,			



Q. No. 2 Part (vii) (Paç	ge 1)	PRIOTRIO PR	THEOTHEOTHEOTHEOTHEOTHEOTHEOTHEOTHEOTHEO	THE OPERITY HER THE OPERITY HER OPERITY HER OPERITY HER THE OPERITY HER OPERITY HER THE OPERITY HER OPERITY HERD HER OPERITY HER O



No. 2 Part (vii) (P	'age 2)	ID BID BID BID BID BID BID BID BID BID B	NO ELO ELO ELO ELO ELO ELO ELO ELO ELO EL	HUNGUNGHUNGHUNGHUNGHUNGHUNGHUNGHUNGHUNGH





Q. No. 2 Part (viii) (Page	2)	VENDENDENDENDENDENDENDENDENDENDENDENDENDE	LO ELO ELO ELO ELO ELO ELO ELO ELO ELO E
. , , ,	,		



Q. No. 2 Part (ix) (Page 1)	PERFERDENT SATERATE S	delugan pangangan pangan p	



Q. No. 2 Part (ix) (Page 2)	FRANCE HOLE FRANCE FRAN	T BAD' BAD' BAD' BAD' BAD' BAD' BAD' BAD'	U BAU BAU BAU BAU BAU BAU BAU BAU BAU BA	BALU BALU BALU BALU BALU BALU BALU BALU	**************************************
, , , ,					



Q. No. 2 Part (x) (Page 1)	trat autrat patrat rat rat patrat rat rat rat rat rat rat rat rat ra	PROTESTED BUT	t betreut betr



Q. No. 2 Part (x) (Page 2)	nat patrate at patrat patrat patrate at patrat	O RAD BAD BAD BAD BAD BAD BAD BAD BAD BAD B	PRIO BLO BLO BLO BLO BLO BLO BLO BLO BLO BL	LOT BLOT BLOT BLOT BLOT BLOT BLOT BLOT B
( ) ( )				



Q. No. 2 Part (xi) (Page 1)	PROPERTY AND PROPE	Printerprinteriprintprintprintprintprintprintprintpri	HEFARIT BETTART BETTART BETTART BETTART BETTART BETTART BETTART BETTART BETTART	authaup baupaup	and the second second



Q. No. 2 Part (xi) (Page 2)	PROGET ROLL FROM THOM FROM FROM FROM FROM FROM FROM FROM FR	THEO BUT	V BADV BADV BADV BADV BADV BADV BADV BAD	O BAO BAO BAO BAO BAO BAO BAO BAO BAO BA
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				



Q. No. 2 Part (xii) (Page 1)	notre ocran
·	



No. 2 Part (xii) (	(Page 2)	THE STREET HERE HE	WEIDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDE	O STORED	BLU	ыныныныныны



#### Note: Draw the diagram within question if required. (Section C)

Q. No. 3 (Page 1)	PROTESTAL PROTES	epandenpandaden enden endem ende	IN TRANSPARIT BART BART BART BART BART BART BART BAR	OF BALLEFRANCE BALLEFRANCE BALLEFRANCE BALLEFRANCE BALLEFRANCE BALLEFRANCE BALLEFRANCE
ر. ۱۱۵۱ تا (۱۰ شوت ۱)				



<b>Ջ. No. 3 (Page</b> :	2)	orestrearestrearestrearestrearestrearestrearest		 wewevewewewewewewewe
<b>4</b>	-,			



Q. No. 3 (Page 3)	Campanamentan ang ang ang ang ang ang ang ang ang a	openyacoenyacoenyacoenyacoenyacoenyacoenyacoenyacoenyacoenyacoenyacoenyacoenyacoenyaco	Y KATHANY KATH	EP DEL PREEP DEL PR
4				



Q. No. 3 (Page 4)	MTALEPANTAN PANTANTAN PANTANTAN PANTANTAN PANTAN PANTAN	TRANSPORTED BATTERN FRANCISCO FRANCI	PAGUEURAGUEURAGUEURAGUEURAGUEURAGUEURAGUEURAGUEURAGU	



Q. No. 4 (Page 1)	all-ball ball ball ball ball ball ball b	raipan uraipan uraipan kan kan panpan pan kan panpan panpan panpan kan panpan panpan	THE REAL PROPERTY SETS AND SET	rener best rener best rener best rener best rener best rener
a. Hor i (i ago i)				



l. No. 4 (Page 2)	PROTESSPRATERATERATERATERATERATERATERATERATERATE	balt balt balt balt balt balt balt balt	aupaupaupaupaupaupaupaupaupaupaupaupaupa	distribute distribute distribute distribute distribute distribute distribute distribute distribute	BANGAN BANGAN BANGAN BANGAN BANGAN



). No. 4 (Page	3)	PARTERIYAN	DALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDALUELDA	PARTERITARI SALTARI SALTERI SALTARI SALTARI SALTARI SALTARI	
, ,	,				



Ձ. No. 4 (Page 4		aurauraurauraurauraurauraurauraurauraura	DEM PER EN	DEUTEUTEUTEUTEUTEUTEUTEUTEUTEUTEUTEUTEUTE	DENTANGEN PANCENTANGEN PANCENTA	
	,					



Q. No. 5 (Page 1) -	embot rale rade rade rade rade and rade rade rade rade rade rade rade rad	gupaupag pagpagpagpagpagpagpagpagpagpagpagpagpagp	INDERFERIENDE EN	P BELTFEREY
ر. القال (القول ال				



Q. No. 5 (Page 2)		ant balteur ba	wenneren en e



(Page 3)					
Q. No. 5 (Page 3)	PRAID BALFRAND BALFRAND BALFRAND BALF BALF BALFRAND BALFRAND BALFRAND BALFRAND BALFRAND BALFRAND BALFRAND BALFRAND	OPENT KANPANY KANPANY KAOPANY	MATPHET BETT BETT BETT BETT BETT BETT BETT B	PRESENTALINY BELLEVELON BEST PRESENT BEST PRESENTALINY BEST PRESENT BE	OF BEEF PREED PREE



## Answer the Question/(Part) at the space specified. اپنے جو ابات (سوالات اور بُڑنے کئے) مختص جگہ پر تحریر کریں۔ (Section C)

Q. No. 5 (Page 4)	PERCHANTERCHANTERCHANTERCHANTERCHANTERCHANTERCHANTERCHANTERCHANTERCHANTER	BLUMBURBURBURBURBURBURBURBURBURBURBURBURBURB	rauran auran a	OPERFACIONIS AND RESPONSACIONIS AND RESPONSACIONI AND RESPONSACIONI AN	YAMININ AMIN'AMIN'AMIN'AMIN'AMIN'AMIN'AMIN'AMIN'	BANKAN BANKAN BAN
arrior o (r a.go 1,						



O No 6 (Page 1)					
Q. No. 6 (Page 1)	PRESCRIPT RESPONDED RESPONDED RESPONDED PROPERTY AND RESPONDED PROSPERTY AND R	auf beuf beit beut beuf beuf beuf beuf beuf beuf beuf beuf	MALTINET MET MATTER THE SET MATTER THE	AUPAND BAUPAND	maay daa fiyaadiy daaliyaadiy daaliyaadi daaliyaadiy daaliyaadiy daa fiyaadiy daaliyaadiy daadiyaadiy



## Answer the Question/(Part) at the space specified. اپنے جو ابات (سوالات اور بُڑنے کئے) مختص جگہ پر تحریر کریں۔ (Section C)

Q. No. 6 (Page 2)	produpancy and produce and and produce and and an artistic and an artistic and an artistic and an artistic and	aramparamparaman ang pangang ang pangang pangang pangang pang p	BUTAUTUTAUTAUTAUTAUTAUTAUTAUTAUTAUTAUTAUT	ALUEUR EUR EUR EUR EUR EUR EUR
4				



O NO DIPAGE 31	THE PROPERTY OF THE PROPERTY O	SET DESCRIPTION OF THE PROPERTY OF THE PROPERTY DESCRIPTION OF THE PROPERTY DESCRIPTIO	CANADA CA	THE CONTRACT HER CONTRACT
Q. No. 6 (Page 3)				

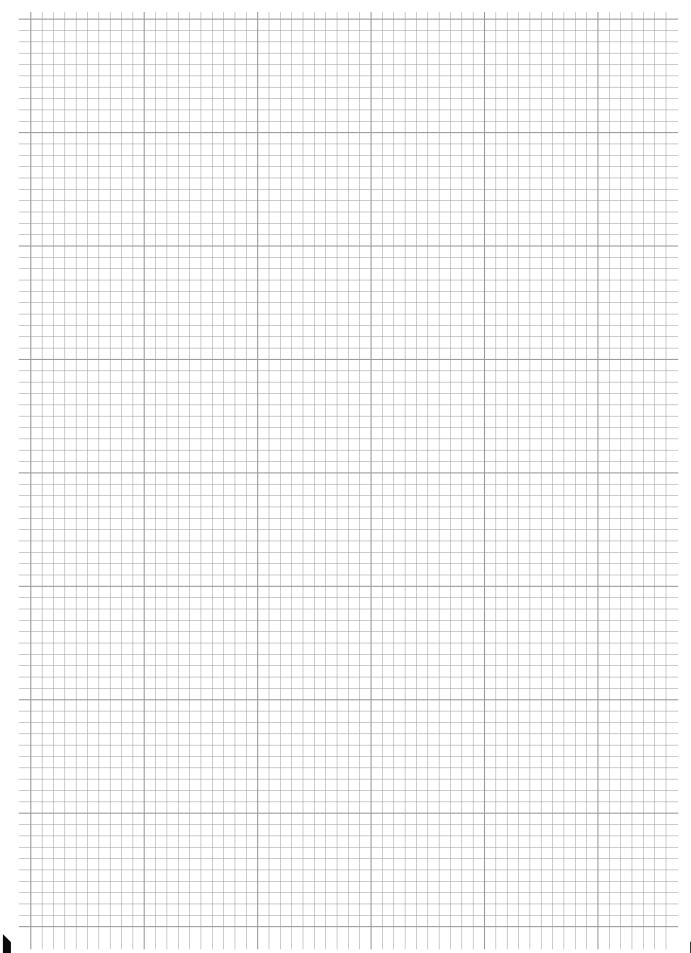


## Answer the Question/(Part) at the space specified. اپنے جو ابات (سوالات اور بُڑنے کئے) مختص جگہ پر تحریر کریں۔ (Section C)

No. 6 (Page 4)	HAT BADYBALT BADYBALT BALTMALT	dali bali bali bali bali bali bali bali b	reit beit beit beit beit beit beit beit b	BALIPALIPALIPALIPALIPALIPALIPALIPALIPALIP

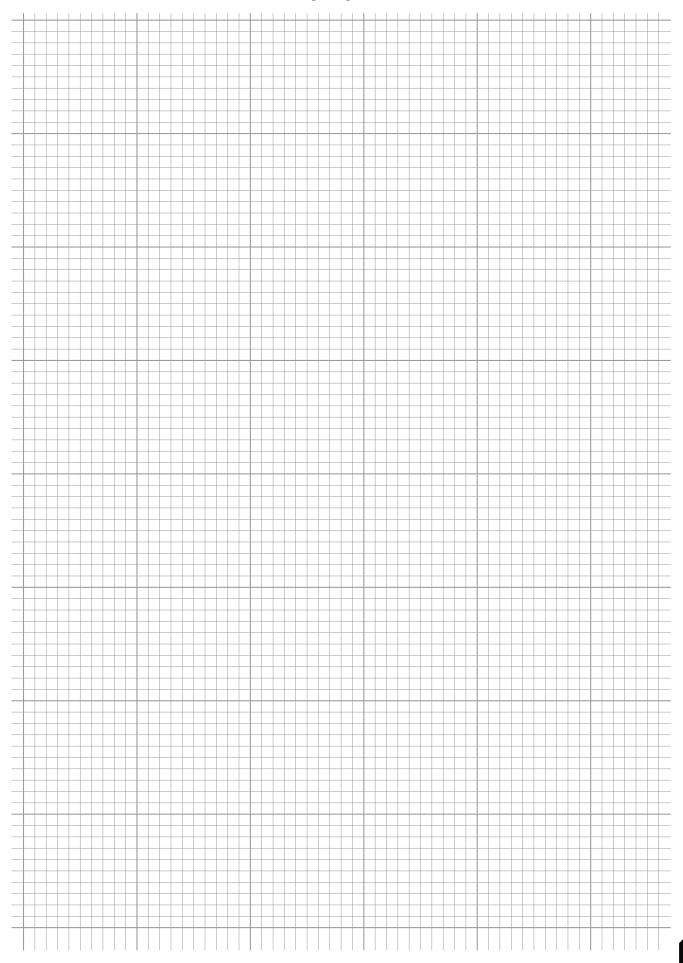


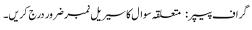
**Graph Page No. 1** 



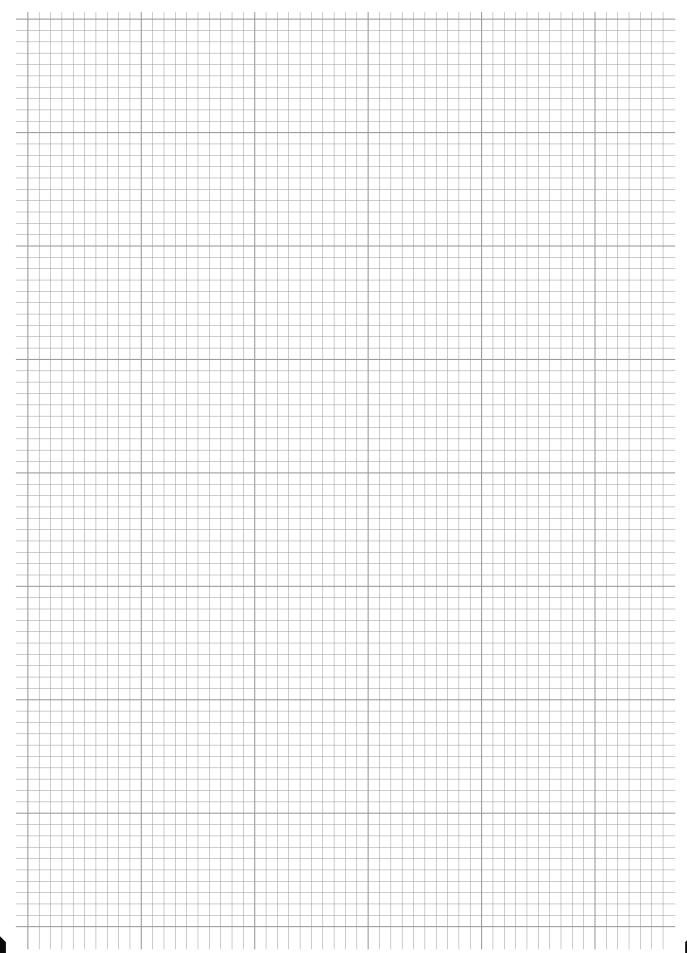
Graph Paper: Please mention the question number while using this graph paper.

## **Graph Page No. 2**





**Graph Page No. 1** 



Space for rough work page 1



Space for rough work page 2





Space for rough work page 3