NMMS - 2024-25

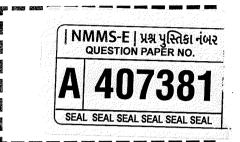


TOTALTIME: 180 Minutes

Exam Time: 3:00 HOURS

TOTAL MARKS: 180

SEAT No.



INSTRUCTIONS FOR STUDENTS

Please read the following instructions carefully and then answer the questions on OMR answer sheet only.

1. The following table contains number of sections, total number of questions, time and marks allotted.

Section	Name of section	Que. No.	Time	Marks
1	MENTALABILITYTEST	1 to 90	90 Minutes	90
2	SCHOLASTIC APTITUDE TEST	91 to 180	90 Minutes	90
	Total	180 Questions	180	180
		and the control of th	Minutes	Marks

- 2. Section 2 contains Que. No. 91 to 180 SCHOLASTIC APTITUDE TEST (Maths, Science & Technology and Social Science).
- 3. All questions are compulsory.
- 4. The blank pages are given in this question booklet for rough work.
- 5. Be careful to answer all the questions of both the sections in the same OMR SHEET only.
- 6. You must have to submit the OMR SHEET to the invigilator upon completion of the examination.
- 7. Gujarati version of the question paper will be considered as final in case of any controversy arising out of variation in translated version.
- 8. It is compulsory for each student to write the series (A,B,C,D and E) of the question paper on the OMR SHEET.

SPACE FOR ROUGH WORK

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			April 1 pm	

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RECESSOR ROWSESSOR

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The following table contains marker of socious, total combet of questions, thus seek week the contains after the sections.

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	Page 16 A 4 C C		THE VILIMALIAIVEM.	
		(%) (m) (#)		per une contrare la grava accominante de la contrare de la contrar
		84000000000000000000000000000000000000	1404) T	er en emegaj estimente epocitible de la companya de
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- Section 2 coccies Classical (as to the SKIFF) AS INCAP APPUISE SHAP
 - Mades, Science & Technicings and Vocial Superior
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- Be careful to answer all the quasiques of both the souther, in the same, OMBS.
- To a single the control of the SHERT to the integral are approximated for the second residence of the second second the second s
- 3 Gujeraki version of the question paper with be considered as final arcust of any controversy entered out of vertical waters in cash ded vertical.
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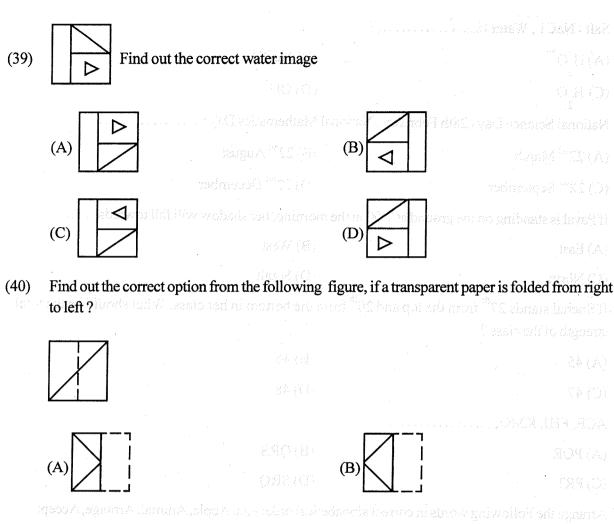
(1)	Which will be the n	ext number 3, 6, 12, 24, 48	5,		
	(A) 100	(B) 96 Palastria (EL)	(C) 64	(D) 72 duli (A)	
(2)	Which number will	come next 1, 1, 2, 9, 5, 8,	?to.xo	30, दे न वर्ष स्थलंडाक स्टब्स्स क्रिकेट (क्रि.)	
	(A) 13/000 Tolor DV	Sas(B) H State of the Espa	(C)10 //	maro zá sá (D) 9 domini i	
(3)	Find the number tha	at comes next 3, 9, 27, 81	,?		
	(A) 243	(B) 256	(C) 225	an an east (D) 200 go (H)	
(4)	The pattern of mou	ntain ranges on the earth ca	an be best descr	ibed as programme grave (1)	
	(A) Random	·	(B) Circular	rtuo sugno eli egosti godi (C) :	
	(C) Linear		(D) Irregular	ns over the artwell edi lis iI.	
(5)		ing shapes correctly descri	bes the border of	of continents like (Asia, Africa,	
	Europe)?			rastike Freds asam omež (A) 	
	(A) Square			it ib to ther tipob tokes violit (E)	
	(C) Irregular		(D) Circular		
(6)	Name the polygon t	hat consists six sides.		(D) Some flowers are not ros	
	(A) Decagon		(B) Octagon	"Vaciff the symptom off brail"	
	(C) Pentagon	- Pathoost (数)	(D) Hexagor		
(7)	Which among the fo	ollowing is correct about rep	gular hexagon?	in the second of	
	(A) Each angle is of	f 90° Solome in Shalishan amak ar		ib bib in anibasis zaisu owi il.	72
	(B) Each angle is of	:60⁰		ga Krod 98 baa Asa Xoo diiw	
	(C) Each angle is of	f 1 20 0 Sweed 215 (A)			
	(D) Each angle is of	f 180⁰ awod 2, 8 (C)			
(8)		at 90° around its centre, the			(3)
	(A) Rectangle		(B) Square	louivamos monso si galvoilui	7.77
	(C) Rhombus	lako er erfedeirmasfik (SJ)	(D) Pentagor	n di represe el establicació (A)	
(9)	The number of diag	onals of Hexagon are		inosia centrolito zi base (D)	
	.(A) 9 Fatford 2 ibasefatsi	(B) 12	(C) 6	(D) 8 do edi gnisosiva dista quei A	
(10)				नेप्रसङ्ख्यात्रीय वर्षा वयस्य वर्षा	
	(A) Spoon race	val - ni - compani (8)	(B) Writing	(A) Sister - in - law (Nanand	
	(C) Stirring	vai+ni+mibalvi(G)	(D) Eating	inerell wai - ai -reisiā (0)	

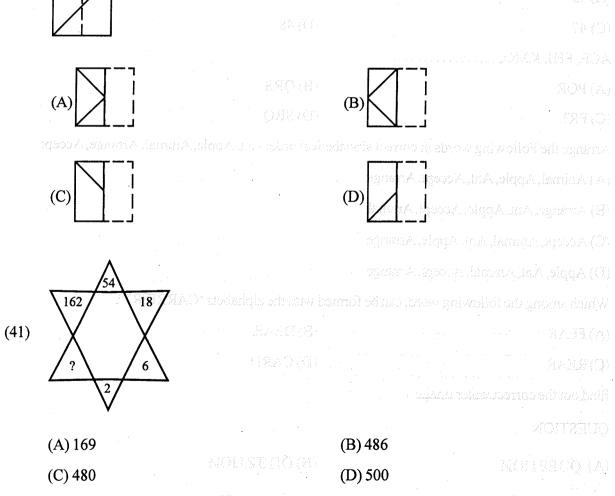
(11)	If Bulb is on, Switch must be on. I have ens	sured that switch is on, then what can I assert?	
	(A) Bulb is on ((B) Bulb is off	
	(C) Bulb may either be on or be off	(D) Bulb is definitely off	7 (\$)
(12)	Mammals have the fur or hair on the skin. I	Dog is a mammal. What can we infer about dog	?
	(A) Dog has the fur or hair		
	(B) Dog doesn't have the fur or hair		
	(C) Dog has sharp teeth and and and and	mic dissent of movement magges on the earth con-	
	(D) Dog hangs its tongue out while gasping		
(13)		ers wilt or discolour faster. What can we infer	
	(A) Some roses don't wilt or discolour fast	· A disease was a C	
	(B) Few roses don't wilt or discolour fast		
	(C) All the roses wilt or discolour fast		
	(D) Some flowers are not roses	solife she steller contains all english she steller	
(14)	Find the synonym of "Plenty"		
	(A) rare	(B) flooded	
	(C) a lot of	पाना पान्यक termen al grissellat edi girome dela 🎺 (D) sufficient	
(15)	If two trains standing at the distance of 220	km from each other, begins to travel towards each ely, how much time will they take to cross each	ach other
	(A) 2 hours	(B) 2.5 hours	
	(C) 3 hours	(D) 3.5 hours	
(16)	Sharmishtha is older than Aarti, Aarti is olde following is correct contextually?	er than Geeta, Geeta is older than Leela. What ar	
	(A) Sharmishtha is younger than Leela	(B) Sharmishtha is older than Leela	
	(C) Aarti is older than Sharmishtha	(D) Leela is older than Aarti	
(17)	A lady while indicating the photograph said, the person in the photograph related to the	"This person is a wife of my husband's brother?	"How is
	(A) Sister - in - law [Nanand]	(B) Daughter - in - law	
	(C) Sister- in - law [Derani]	(D) Mother - in - law	

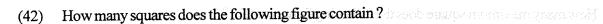
(18)	Find out the next number. 1, 3, 7, 15,	, 31,		
	(A) 61	(B) 63	Programme (A) (A) (A) (A)	
	(C) 65	(D) 67	JEROVA vesuber 8 (E)	
(19)	Which is the most logical way of proble	em solving?	arnes palement (II)	
	(A) To infer and hope for the best		Flands sicea (dissoures il (C)	
	(B) To discover the pattern and unders	stand reasons	n marining property. Fewaldowicki cash o to ega pub	
	(C) To ignore all past experiences and		n pungunyan dan menghabah segar pen- Segar bersebah bahas di penghabah Afrik	
	(D) To depend upon the opinions of oth	hers without verifying t	he facts	
(20)	Which is the first step of critical thinkin	g while encountering w		
	(A) To conclude			
	(B) To collect information and understant		. Legistanter in Alphotospea a samu S Le Reillean in aras, which care ar	
	(C) To ask others' opinions without sel	fthinking	indictrous blue industriet (A)	
	(D) To ignore the problem until it is res	olved	Le augustivat extadébonut (E)	
(21)	A friend asserts that consuming carrot		How will you evaluate this asse	rtion?
	(A) To believe because it is asserted by	y your friend		
	(B) To study the reliable sources to veri	ify if it is approved scie	zadelkove k bas nodstole X (CD) ntifically	
	(C) To respond him/her immediately th			
	(D) To ignore him/her because it is not		1 O(A)	
(22)	What should be taken care of while tak	ing tough decisions?	H(0)	
	(A) Decide on the base of emotions		nst mp 01 sydnordox bloduc Z	
	(B) Analyze merits and demerits and th		esdud dave ynem vol i "nigisd esult	
	(D) Take rapid decision in order to avo	oid stress	a graveliei ett geome deifilf	
(23)	"If the cost of two erasers, is Rs. 1.5			he bes
	method to solve it?	A. (1)		
	(A) Multiply Rs. 1.50 with 10	illerk el rodd <mark>ddolos</mark> i , est	terde' inditive Recipitation (O	
*	(B) Divide Rs. 1.50 by 2, then multiply	y it with 10	หา่างรายสัฟอร์เล่า (sakklasojit): 	
	(C) Use calculator to divide 10 by 2	(8)	(A) Sea	
	(D) Add Rs. 1.5 ten times			

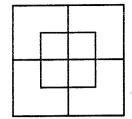
(24)	If the price of any commodity is reduced by 25	5%, What about t	he total price of that commo	dity?
	(A) It increases by 25 %			
	(B) It reduces by 25 %			
	(C) It remains same	dice rostikoną buros	w langyot apag-ara si dolatW	
	(D) It reduces by more than 25 %		it of equilbourgerol (A)	
(25)	An age of a man is five times the age of his sor. What must be the present age of a man?	n. In 20 years, a m	an grows 3 times older than l	his son
	(A) 80 year	(B) 90 year	ajo vili enga basquo eli (G1)	
	(C) 100 year	(D) 110 year	moth gas seit seini dokt W	
(26)	Jaykumar is Kokilaben's son, Daxaben is Kokil is Raiben's son, which among the following ser			eshbhai
	(A) Jaykumar and Sureshbhai are cousins	ize ingiti z sawiew		
	(B) Sureshbhai is Jaykumar's uncle	Downson ein fiele	- matricing war-youngs of (CE)	
	(C) Daxaben is Jaykumar's Aunt	kath si saath Baru		
	(D) Kokilaben and Sureshbhai are cousins		el i samuel beriebe i (A.). (B) De stuis was religielse km	
(27)	March: August:: C:		ene do entropologio (parte de 1981). Tradizadi milifartescar de 1990.	
			en e	
(28)	A cuboid consisting 10 cm length, 8 cm breadth height, How many such cubes will be formed?	h, 8 cm height, is c	livided in the cubes consisting	ıg 2 cm
	(A) 70 (B) 60	(0) 00	(D) 80	
(29)	Which among the following correctly represent		al relation of 5 ⁴ and 4 ⁵	
		(B) <	ansana ove to suc Salahi	
	(C)>		ately = 100 80008 6000 2500	
(30)	Dipakbhai is Ravibhai's brother, Rekhaben is Dipakbhai is Rekhaben's?			n then
	(A) Son		i i i i i i i i i i i i i i i i i i i	
	(C) Nephew	(D) Mother	rominas (1. j. 29 blad (d.). Pominas (1. j. 29 blad (d.).	

(31)	Salt: NaC1, water:		
	$(A) H_2 O^{\dagger}$	(B) NaOH a seed trop on the	
	(C) H ₂ O	(D) OH	
(32)	National Science Day: 28th February, Na	tional Mathematics Day:	
	(A) 22 nd March	(B) 22 nd August	
	(C) 22 nd September	(D) 22 nd December	
(33)	If Payal is standing on the ground at 7:00 in	the morning, her shadow will fall	towards
	(A) East	(B) West	
	(C) North	(D) South	noo sii tuo bri (1 - (0
(34)	If Snehal stands 27 th from the top and 20 th	from the bottom in her class. Wh	nat should be the tota
	strength of the class?	(B) 46	
	(A) 45	(D) 48	
(25)	(C) 47 ACE, FHJ, KMO,	(D) 40	land of the second of the seco
(35)		(B) QRS	
	(A) PQR	(D) SRQ	
(26)	(C) PRT Arrange the Following words in correct alp		1 Arrange. Accept
(36)		macettear order 7 mil, 7 ippres, 2 milita	
	(A) Animal, Apple, Ant, Accept, Arrange		
٠	(B) Arrange, Ant, Apple, Accept, Animal		
	(C) Accept, Animal, Ant, Apple, Arrange		
	(D) Apple, Ant, Animal, Accept, Arrange	CADDI	A
(37)	Which among the following word, can be f		
	(A) FEAR	(B) DEAR	
	(C) REAR	(D) CARD	
(38)	Find out the correct water image		i V
	QUESTION	· · · · · · · · · · · · · · · · · · ·	
	(V) ONESTION	NOITSEUQ (B)	
	OOESTION (2)	(D) QUESTION	









- (A) 8
- (C) 10

- (B)7(D) 12
- Complete the series. 1Z, 3X, 5V, (43)
 - (A) 6 U

(B)7T

(C)7W

(D) 6T

(44) Complete the series.
$$\frac{1}{2}, \frac{3}{2}, \frac{5}{2}, \frac{7}{2}, \dots$$

(A) $\frac{8}{2}$

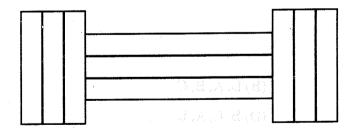
(B) $\frac{7}{3}$

- (C) $\frac{1}{3}$
- takun kibang pentulah bangalban 1966 in 1966 kibang pada pangan alam anak mananggalah pangalah pangan dan 1966 Tylosolymus emalis (\mathbb{P}) , $\overline{2}$ exect
 - Complete the series. B, H, M, Q, T, ... (45)
 - (A)U

(B) W

(C) V

- (D) X
- The optimum number of rectangles in the following figure is . (46)

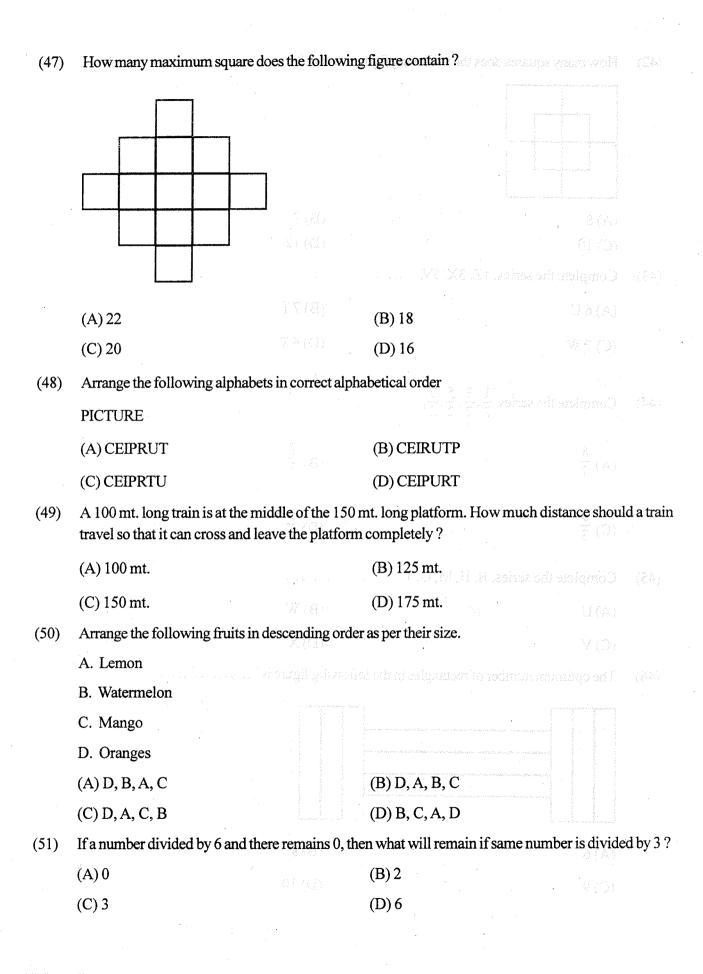


(A)6

(B) 8

(C) 9

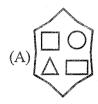
(D) 10

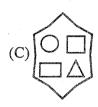


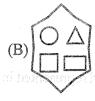
(52)		s, english words are code arrectly from the options	医动脉 医光性 电电影 医乳毒素 化氯化甲基乙基磺基酚 医电影 医电影 医二	n or way. Find the pattern and
	KIRAN = IKRNA, 7	WINKLE = IWTNEL	K, RUTVI = (?)	
	(A) URTVI		(B) RUTIV	
	(C) IVTUR		(D) URTIV	
(53)	If $AGE = ZTV$, COL	D = XLOW, then SAM	E = (?)	
	(A) ZHNV		(B) HZNV	
	(C) HZVN		(D) ZHVN	
(54)	Gujarati words are coo	ded and represented in th	ne following way	
	Digit: 2468	135 790	·	
	Alphabet: કલ२व	અજય મગન		
t]	hen find the correct ma	itch for		
	અમનરમ = ?			
	(A) 17076		(B) 17706	
***	(C) 17067	Maka berdaki ili ke wasi da se	(D) 17760	riomai Al III XII 198
(55)	Arrange the following	options logically in desc	ending order	
	1. Uranus	2. Saturn		
	3. Neptune	4. Jupiter		
	(A) 1, 2, 3, 4		(B) 2, 3, 1, 4	
	(C) 4, 2, 1, 3	1	(D) 4, 2, 3, 1	- Barana (1948) - 1.
(56)	Arrange the following	options lógically in desc	ending order	
	1. Sabarkantha	2. Bharat		
	3. Asia	4. Gujarat		
	(A) 3, 2, 4, 1		(B) 3, 2, 1, 4	
	(C) 3, 1, 2, 4		(D) 3, 1, 4, 2	
(57)	Arrange the following	options logically in descr	ending order	
	1. flower	2. seed		
	3. fruit	4. plant	ang sambahan ng padakan.	an a servanii seva (b. 1911). Hada (b. A.)
	(A) 2, 1, 3, 4		(B) 2, 1, 4, 3	100 mg 100 m 100 mg 100 mg
	(C) 2, 4, 3, 1		(D) 2, 4, 1, 3	

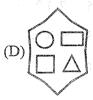
(58) A mirror is symbolically represented, how will be the mirror image of a given figure?



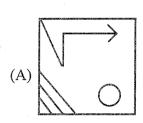


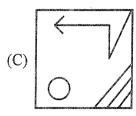


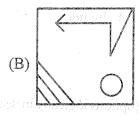


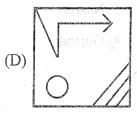


A mirror is symbolically represented, how will be the mirror image of a given figure?









(60) Find out the correct option on the base of given analogy

Jaipur: Rajasthan:: Lucknow:

(A) Gujarat

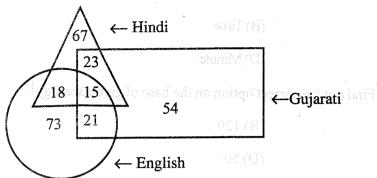
(B) M.P.

(C) Bihar

(D) U.P.

(61)	Thermometer: Temperature:: Watch: of given analogy)	(Find out	the correct option on the b	ase
	(A) Hour	(B) Time	art - A	
	(C) Second	(D) Minute		*
(62)	3:27::5: (Find out the co	orrect option on the ba	use of given analogy)	
	(A) 25	(B) 120		
	(C) 125	(D) 50		
(63)	Frock: cloth::chair:(Find	out the correct option	on the base of given analog	gy)
	(A) Table	(B) Bench	The Number or chapsent i	
	(C) Wood	(D) Room		
(64)	If a card is drawn at random from 52 cards, red ace?	what can be the probab	oility of that card being a	
	(数) 	2		
	$(A) \frac{1}{52} \qquad \qquad \triangle \triangle \triangle \triangle$	(B) $\frac{3}{52}$		
	(C)	(D) $\frac{5}{52}$		
		52	31 (A).	
(65)	2.5 hour = minute. S C		(C) 23 	
	(A) 120 notigo Denouesi escado h			
	(C) 150	(D) 250	Cigloreli ; Carba, Wort Be	
(66)	$(1)^{2025} + (2025)^0 = \dots$			
	(A) 1 situateit deserci (G)	(B) 2	(C) Durga paja	
	(C) 0	(D) 2025	- Rande : Bhuji Magnada .	
(67)	If 7 th January is a Tuesday, 21 st January will	be	(A) Kevdiya	
	(A) Tuesday	(B) Wednesday		
	(C) Thursday	(D) Monday	Fred out an odd Disadot	
(68)	Sofia walks in the west for 2 km, then she tur 1 km, now Sofia must be walking facing	ns left and walks 1 km		walks
	(A) North	(B) South	Hind out an odd Camp.	
	(C) West	(D) East	tealofs(J (A))	
	there's 2 (T)		: (47) \$7 49 49 49 64 64 7 1775	

(69) On the basis of the following figure answer Q. No. from 69 to 71.



	n the correct aption on the base of given and on	and the second s	
	The Number of Gujarati Speaking people		Triscip I dom
	(A) 21	(B) 23	
	(C) 54	(D) 15	
(70)	The Number of people speaking both Hindi an	ta dhee da CP marad waa keesaa aa aa	erb zi biso s
(, ,	(A) 18	(B) 15	
	(C) 21	(D) 23	
(71)	The Number of people speaking both Hindi, G	. ,	22 Y
	(A) 18	(B) 15	
4	(C) 23	(D) 21. 1988 (D)	uu = wod č.
(72)	Consider the analogical relation given below a	nd choose the correct option	1251 (7
	Gujarati: Garba, West Bengal:	•••	037.C
	(A) Onam	(B) Holi	2000 + COO
	(C) Durga puja	(D) Ganesh chaturthi	managar i i i i j
			λ (¢

(C) Modasa (D) Rajpipala

(74) Find out an odd District.

(A) Jamnagar

(B) Bhavnagar

(C) Rajkot

(D) Surat

(75) Find out an odd Game.

(A) Cricket

(B) Chess

(C) Volleyball (D) Kabaddi

(76)	Country: President, S	tate:	•• yitherere	og som attack to the sold of t	
	(A) Chief minister	•.	(B) Governor		
	(C) Member of State le	egislative Assembly	(D) Member of Parli	ament	
(77)	Village: Sarapanch, M	Tunicipality:	······································		
	(A) President		(B) M.L.A.		
	(C) Commissioner		(D) Mayor	yeji Arenderi . O	
(78)	Arrange the Following	g Indian states from	East to West.	Barria Aya,	
	1. Bihar	2. M.P.			
	3. Nagaland	4. Sikkim	de production de la constant de la c	ark technomes despisación	
/	(A) 4-3-1-2		· · · · · · (B) 3 - 1 - 4 - 2 · · · ·		
	(C) 4-2-1-3		(D) 3 - 4 - 1 - 2		
(79)	Arrange the Following	Cities from North t	o South.	alocom a Holl siefen (2007)	
	1. Bhopal	2. Chandigarh	480.74.76 *	Saidhi ataa oo A	
	3. Hyderabad	4. Jaipur			
	(A) 2 - 4 - 1 - 3	•	(B) $3 - 1 - 4 - 2$		
	(C) 2 - 1 - 4 - 3		(D) 4 - 2 - 1 - 3		
(80)	,	minerals in ascendi	ng order on the base of price	e sepa le padridi. N	
(00)		2. Gold			
	1. Copper				
	3. Steel (LA (Ca)	4. Silver	. inga sa ji (kil) . inga sa sa ji (kil)		(28)
	5. Uranium			radio della constanti di la seria di la constanti di la constanti di la constanti di la constanti di la constanti La constanti	(= 0)
	(A) 3 - 1 - 4 - 2 - 5		(B) 1 - 3 - 4 - 2 - 5		
	(C) $3-1-5-4-2$		(D) 1 - 3 - 4 - 5 - 2		
(81)	Identify the incorrect p	air			
	(A) Gandhinagar - Aks	shardham		N. J. J. I	
	(B) Sabarkantha - Pav	vagadh			
	(C) Junagadh - Girnar				

(D) Anand - Amul Dairy

(82) Match the following correctly

A

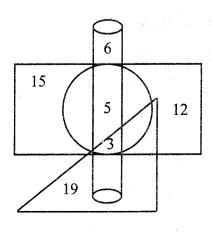
B

- A. Environment Day
- 1.14 November
- B. Gandhi Jayanti
- 2.5 June
- C. Baal Din
- 3.2 October
- D. Teacher's Day
- 4.5 September
- (A) A 2, B 1, C 3, D 4
- (B) A 5, B 3, C 1, D 4
- (C) A 2, B 3, C 1, D 4
- (D) A 5, B 1, C 3, D 4

- (83) Find the incorrect statement
 - 1. Lunar Eclipse takes place on Full Moon day
 - 2. Spring is the beginning of monsoon
 - 3. Shishir falls in winter season
 - 4. Navratri falls in Sharad ritu
 - (A)2
- (B) 2 and 3
- (C) 2 and 4
- (D) 1 and 2

- (84) Find the correct statement
 - 1. One must visit Junagadh or Gir Somnath in order to view lions
 - 2. Wild ass is a specific animal of desert
 - 3. Nalsarovar is a bird sanctuary
 - 4. Velavadar is a Tiger sanctuary
 - (A) 1 and 2
- (B) 1, 2 and 3
- (C) 1 and 3
- (D) All above

(85) Which digit falls in all the following figures?

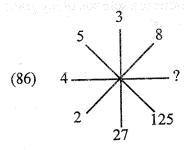


 $(A)^3$

(B)5

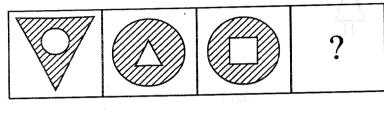
(C)6

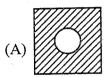
D) 19



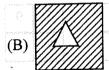
- (A) 8
- (B) 16
- (C)64
- (D) 32

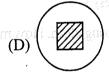
(87) Following three figures represent a particular relation. Find the correct option for [?]



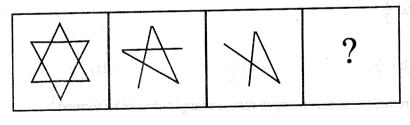








(88) Following three figures represent a particular relation. Find the correct option for [?]











(89)	A lady indicating a finger tow	vards a man and said, "A fath	her of his brother is a sole son of my gran	ıd
	father", then a lady must be a	of that man		
	(A)Maternal Aunt	(B) Daug	ghter	
	(C) Sister	(D) Mot	her	
(90)	The sum of the numbers from	n 1 to 20 =		
	(A) 200	(B) 210		
	(C) 220	(D) 420		
(91)	$84 \underbrace{\bigwedge_{12}^{14}}_{9} 14 \underbrace{\bigwedge_{9}^{81}}_{9} 18 \qquad \qquad$	8 \ ? \frac{2}{11}		
	(A) 16 (C) 18	(B) 8 (D) 9		
(92)	4 8 3 2 9 7 6 3	5 9 ? 5		
	(A) 2 (B) 3	(C) 4	(D) 5	
(93)	Jaimin owns 21.6 metre long c	cloth. How many piece of 1.8	8 metre can he make from it?	
	(A) 10 piece	(B) 12 pie	ece	
	(C) 20 piece	(D) 16 pie	ece	
(94)	Find an average of $\frac{1}{2}$ and $\frac{1}{3}$		Coernigan eo tagét sende grature (1991) A A A A A A A A A	
	(A) $\frac{1}{6}$ (B) $\frac{5}{6}$	(C) $\frac{2}{6}$	(D) $\frac{5}{12}$	
(95)	Following are the measuremen	t of sides, in which case, a tri	iangle can not be formed?	
	(A) 2cm, 3cm, 5cm	(B) 3cm,	6cm, 7cm	
	(C) 8cm, 6cm, 10cm	(D) 10.2cm	m, 5.8cm, 4.5cm	
(96)	What will be the selling price of	f the toy, costing Rs.150 if a	shopkeeper sells it by 22% loss?	
	(A) Rs. 130	(B) Rs. 18		
	(C) Rs.117	(D) Rs. 12		

Arrange the following rational numbers in ascending order (97)yd nabrag kodós ni wor a só shale i i istickiej kad ajuniT (£07)

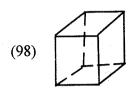
$$\frac{-3}{7}$$
, $\frac{-3}{2}$, $\frac{-3}{4}$, $\frac{-3}{11}$ and real of wall test of more constable all third states of values and over

(A)
$$\frac{-3}{7}, \frac{-3}{4}, \frac{-3}{2}, \frac{-3}{11}$$
 (B) $\frac{-3}{11}, \frac{-3}{7}, \frac{-3}{4}, \frac{-3}{2}$ enter $\frac{1}{2}$

(B)
$$\frac{-3}{11}, \frac{-3}{7}, \frac{-3}{4}, \frac{-3}{2}$$

(C)
$$\frac{-3}{4}, \frac{-3}{2}, \frac{-3}{11}, \frac{-3}{7}$$

(C)
$$\frac{-3}{4}, \frac{-3}{2}, \frac{-3}{11}, \frac{-3}{7}$$
 (D) $\frac{-3}{2}, \frac{-3}{4}, \frac{-3}{7}, \frac{-3}{11}$ extend (C)



Find the option that correctly represents the number of edges, faces and vertices.

(99)
$$\left[\frac{7}{3} \times \left(\frac{-6}{13}\right)\right] + \left[\frac{7}{5} \times \frac{6}{13}\right] = \dots$$

$$\frac{42}{65} \text{ bas } 2 \times (0)$$

(C)
$$\frac{84}{65}$$

(100) A regular polygon consisting each external angle of 60° is called

(A) Regular Octagon

(B) Quadrilateral

(C) Regular Hexagon

(D) Triangle

(101) Language

No. of Students

Gujarati

40

English

12

Urdu

9

Hindi

7

Sindhi

A percentage of Urdu speaking people is

(A) 25 %

(B) 36 %

(C) 10 %

(D) 12.5 %

The model of the following figure, can the infinite that of principle be $k_{
m period}$

(102) Which among the following is the smallest square number which is divisible by 6, 9, and 15?

- (A) 810
- (B) 900
- (C) 90
- (D) 400

(103) Tanuja has planted 4 plants in a row in school garden by keeping the distance of $\frac{3}{4}$ metre between two consecutive plants. Find the distance from the first plant to the last plant (A) $2\frac{3}{4}$ metre (B) $3\frac{2}{4}$ metre (C) $2\frac{1}{4}$ metre (D) $\frac{9}{4}$ metre (104) Identify the pair of internal angles in following figure Find the option that correctly represents the number of edgre. faces and vertices (A) $\angle 1$ and $\angle 2$, $\angle 7$ and $\angle 8$ (B) $\angle 1$ and $\angle 5$, $\angle 2$ and $\angle 6$ (C) $\angle 3$ and $\angle 5$, $\angle 4$ and $\angle 6$ (D) $\angle 3$ and $\angle 6$, $\angle 4$ and $\angle 5$ (105) Which among the following pair of rational number is not equal? A consistence decayled religion A (007) (A) $\frac{-4}{-5} = \frac{4}{5}$ (B) $\frac{-5}{8} = \frac{15}{-24}$ (D) $\frac{-7}{21} = \frac{3}{9}$ (C) $\frac{1}{3} = \frac{3}{9}$ (106) Calculate the value of 4(2x-1) + 3x + 11, if x = -2? (A) - 4(B) - 25(C)25(D) 29 (107) In which of the following figure, can the infinite lines of symmetry be represented? (B) Rectangle (A) Regular Hexagon (C) Quardrilateral (D) Circle (108) If each angle of regular polygon is of 20 degree, then it consists sides (B) 18 (A) 16

(D) 24

(C) 20

(109)	In a school, there are 640 students pre of row and column remains same on the F	sent. Tea ?T. groun	acher arrang d. How mar	ges them in ny students no	the way as the nun eed to be excluded for	nber or it?
	(A) 5		B) 10	ê (8)	* (A)	
(110)	(C) 15 Manish spent 75% of his total salary. No Manish must be	w there r	D) 20 emains Rs.3	3000 with hir	n, then the total sala	(8 11) ry of
	(A) 9000	(8)	B) 10000		ž (A)	
	(C) 11000	(D) 12000	·		
(111)	If the length of cuboid is mn, breadth mp	² and heigh	ght m ² n ² p, f	ind its volum	e	
	(A) m3 n3 p3	($(B) m^3 n^4 p^3$	9 i bon ayosi 2	No eisa ad beiñ	
	(C) $m^4 n^3 p^3$. 335 ((D) $m^2 n^3 p^4$,	0 1 9 7 A3	
(112)	If the length of two diagonals of a trapezo	id is 8.5c	m and 16cm	respectively	then the area of trape	ezoid
	is	erana est esa		econista varv	salkà edito dakiW	(05 h
				20 20 10 10 2 20 20 20 20 20 20 20 20 20 20 20 20	Ceanil belong	
	(C) 68.5		(D) 68	parroo to irra	ngenuasom off (A)	
(113)	If the size of the plant cell is 0.00001275 (A) 1275×10^{-5} mt.	it can b	e represente	ed in standard 42-5-0-1	nim io uso sall (6)	
	(A) 1275×10^{-5} mt.					
	(6) 12.16					AC
(114)	In one cold drink manufacturing factory, can a machine fill in 5 hours?	ábas cou	sw Isopo dii	w balift ous a	in 4 water container	
	(22) 7.10				(D) 700	
(115)	Which among the following is incorrect s	statement	about ration	nal number?	ANT (A)	
	(A) They follow cumulative property in a	ddition ar	nd multiplica	ation	(C) Black	
	(B) They follow associative property in a	ddition ar	nd multiplica	ation galveolis.	it alt govras ristifW	(\$21)
	(C) For addition and multiplication, 1 is				(A) Gives ensetuma	
	(D) For rational numbers a, b, c, a (a+	- b) = ab	+ ac and a	(a-b)=ab	ac, indicates	
ŧ	distributive property				om to sometric (D)	
(116)	A car runs for 16 km on 1 litre, how far	can it rur	on $2\frac{3}{4}$ litr	e petrol	(D) Gives smaller in	
	(A) 11 km		(B) 23 km.			(421)
	(C) 48 km		(D) 24 km.		(A) Carbon substan	
	molitolis A september 1	X(O)			(C) Sincked Linyo	

(117)	Find the Median	ai ecodi engruenzi todukoj	l umenojenskuje	a solovok, ekser se oso 644	
	13, 16, 12, 14, 19	, 12, 14, 13, 14	oly. Tid betrem sæber		
	(A) 14	(B) 13	(C) 19	(D) 12	
(118)	A bag contains 4 re probability of its bei	d colour and 2 yellow colong green?		s out a ball randomly, w	
	$(A) \frac{6}{6}$		(B) $\frac{4}{6}$		
	(C) $\frac{2}{6}$	YDY 12000 cięta oriei <mark>p, fardos</mark> volun			
(119)	Find the ratio of 18	boys and 12 girls			
	(A) 8:2		(B) 5:4	ing har feer of	
	· (C) 2:3	Partitogsar mohiliben egrib -	(D) 3:2		
(120)	Which of the following parallel lines?	ng statements is incorrect			
	(A) The measurement	nt of corresponding angles	is same	1.34 (1 1	
	(B) The pair of intern	nal corresponding angles a	re complementary to	Han zenia teinik essia sen o each other	
	(C) The internal ang	es lying on the same side	of transversal are con	nplementary to each other	er
	(D) The pair of interr	nal corresponding angles is	sequal	ga e se e e e e e e e e e e e e e e e e e	A) Marketan
(121)		are filled with equal water	and kept under the		
	(A) Pink	Tokkowa bijaliko brodoke	(B) Green		
	(C) Black			Vistintetro voltát (seTT)	
(122)	Which among the fol	lowing is incorrect about th			
	(A) Gives erect imag			diuse bezi abbishke idi (1	
	(B) Gives virtual imag	je = (d i lid a bino ina + do	= (d + s) s , o ,d .s ;	mdmiss lacetari toʻ4 (f)	
	(C) Distance of an ob	ject and image remains sa	me	ignogos; avisedirizibi	
	(D) Gives smaller ima	age than object			
(123)	What should be adde	d to the soil if its nature is		i eo mai è i per pemergo y	
	(A) Carbon substance		(B) Quick lime	.000% \$48-7 %	
	(C) Slacked Lime		(D) Calamine Solu	tion PARTIES	

(124)	Which among the following is Kharif crop	Contraction of the property of the order of the contraction of the con		
	(A) Gram	(B) Peas		
	(C) Paddy	(D) Mustard	simbyledneD (D).	
(125)	Cultivator is used for	generalistik je sine e	tildi sii gaera tali V - (4.	
	(A) sowing	(B) ploughing		
	(C) sprinkling fertilizer	(D) harvesting	6:s0 - bicA sissu (O)	
(126)	The disease is caused by	terr voi: "Coma sbos galt v irus	S) - Wh ee Mac _{lio} s and Rus -	£, 1 }
, ,	(A) Cholera	(B) Typhoid	sbinoid acts: (7)	ar.
	(C) T.B	(D) Polio		
(127)	The main function of Lactobacillus bacter	in militarian was being be	is ,excuse as y saet mitA (i)	
(127)	Andquist esty	(B) To increase soi	ebłxeK£awów⊃(♠) † . Il fertility	
	(A) To convert milk into curd		bioAssissa (17)	
	(C) To decompose the waste	(D) To ferment	nete auso os situando edif. (S	
(128)	The meaning of 'petro' in the word petrol		tallo et al. (1995) - Americk in Generalis (1996) (1995)	
	(A) Petrol	(B) Soil		
	(C) Oil	(D) Rock		
(129)	Which among following substance has the	highest ignition temperate	ire?	
	(A) Petrol	(B) CNG	regregaerska kisjá kod W - 18 1 - 18 - 18 - 18 - 18 - 18 - 18 -	
	(C) Wood	(D) Kerosene		
(130)	What is Bison that is usually found in Pane	chmarhi Bio-Reserve?	. mgi Manarethi (1901)	
	(A) Wild mango tree	(B) Huge squirrel	untecor lo vescompetT - (4 - 1. (44) Westers - 1. (41)	
•	(C) Flying squirrel	(D) Wild Bullock	444446-00-1	
(131)	The growing voice box in boys can be se			
(131)	(A) Larynx		ga sarohyadi bah (A) :::	
		(D) Adam's apple		
			•	
(132)	Gland is connected with			
	(A) Thyroid		fejor-hil yaquilas (C)	
	(C) Pituitary	(D) Adrenalin	grand the energy for	

(133)	helps our	body produce blo	ood.geru reselik eli gabee.		
	(A) Iron		(B) Fat		
	(C) Carbohydrate		(D) Vitamin	보충 1922년 (1722년 보충 1922년 (1722년 - 1722년 - 1722	
(134)	Which among the following	gpair is incorrect?	?	rest boxes se stones (declis	
	(A) Formic Acid - Ant's stir	ig Stiriografia (1811)	(B) Acetic Acid - V		
	(C) Lactic Acid - Curd		(D) Oxalic Acid - C		
(135)	When Vinegar and Baking	soda react, they p	roduce	. gas	
	(A) Carbon Dioxide		(B) Nitrogen	· · · · · · · · · · · · · · · · · · ·	
	(C) Oxygen	Amaligair Inf	(D) Hydrogen		
(136)	After heavy exercise, due to	the accumulation	n of, v	ve get muscle cramp	
	(A) Carbon Dioxide		(B) Alcohol	The statistic vessile measures welf Ville	
	(C) Lactic Acid	archer, o'i 190	(D) Oxygen	Roturn the resolution Ag	
(137)	The formula to calculate the	distance travelled	d, Distance Travelled =		
	(A) D1 (Time		
	(A) Distance x Time		(B) $\frac{\text{Time}}{\text{Speed}}$		
	(C) Speed Time		(D) Speed x Time	. 20 (D) 	
(138)	When light interacts with the			s, it is called	•
	(A) Splitting of Light		(B) Absorption of Li	•	
	(C) Diffusion of Light		(D) Reflection of Lig	· · ·	
(139)	The process of separating the	e grains from the	fodder of the harvested	crop is called	1916 I
	(A) Weeding		(B) Harvesting	comogram billió (A.)	
	(C) I masning		(D) Imgadon	loniuga grzyfik (3)	
(140)	Safety matches are made fro	m a combination	of a substant of a	Tosio z grievojų šai i	
	(A) Red Phosphorus and Wh	nite Phosphorus			
	(B) Antimony Tri-sulphide a	nd Potassium Chl	orate	4 65756FFFE	
	(C) White Phosphorus and P	otassium chlorate	ed skiper kreiceserskier ekkele.		
	(D) Antimony Tri-sulphide a	nd White phospho	orus	Ciclina (1774)	

(141)	which among the following pair is incorrect:		
	(A) Red Data Book \rightarrow The list of Extincting sp	pecies state to a tente of the series of the	
	(B) Project Tiger \rightarrow Conservation of Tiger	(C) Convex Essau Franciskimm	
	(C) Reforestation \rightarrow To regenerate the destroy	red forest	10
	(D) Desertification → The process of fertile la	nd become desert like	
(142)	Which among the following is the purest form of	of Carbon?	
, ,	(A) Diesel	(A. Coal Tar (A. C	
	(C) Coal gas	(D) Coke	
(143)	Diabetes is caused when glan		
	(A) Pituitary academies & regeneral (Cf.	(B) Thyroid	
	(C) Pancreas	(D) Adrenalin	
(144)	are called the food factories o	f plant	
	(A) Leaves	(B) Stems	
	(C) Fruits	(D) Roots	a ĝa
(145)	is produced when Hydrochloric acid a	nd Sodium hydroxide neutralize each other	
	(A) Air and Water	(B) Salt and Water	
	(C) Metal and Foam	(D) Oil and Copper	
(146)	converts starch into glucose		
	(A) Esophagus	(B) Villi (4delissa daecarses (1))	
	(C) Buccal cavity	(D) Saliva	
(147)	Convert the speed of an Eagle, 320 km/h, into		
	(A) 8.89 m/sec	(B) 320 m / sec	
	(C) 889 m/sec (1) (C) 489 m/sec (1)	(D) 88.9 m/sec	
(148)	gas, obtained from the natural gas, is	used in manufacturing of chemical fertilizers	
	(A) Coal gas	(B) CNG	
	(C) Hydrogen	(D) Carbon Dioxide	

(149)	can produce inverted, virtual a	and smaller image than the actual object
	(A) Convex Mirror, Concave Lens	(B) Concave Mirror, Convex lens
	(C) Convex Lens, Plain Mirror	(D) Concave Lens, Concave mirror
(150)	The motion from the one point to the other, or b	
	(A) Oscillation	(B) Vibrating area
ø	(C) Frequency	(D) Noise
(151)	The Supreme court was founded in India by the	
	(A) Charter (1833)	(B) Regulating (1773)
	(C) A and B	(D) None
(152)	among the following is not the lan	d revenue system introduced by the British
	(A) Subsidiary Alliance system	(B) Permanent Settlement
	(C) Ryotwari system	(D) Mahalwari system
(153)	was the newly introduced rifle	during the revolt of 1857
	(A) Enfield	(B) A.W.M.
	(C) Brown Base	(D) Ronald
(154)	New Delhi is built of old Delhi	
	(A) North, Rajsamand	(B) South, Ajaymeru
	(C) North, Aravalli	(D) South, Raisina total for the state of th
(155)	Cryolite is known as resource	(C) Micrel and Pows
	(A) rare	(B) scarce
	(C) commonly available	(D) universally available
(156)	mineral is called Black Gold	
	(A) Manganese	(B) Gold
	(C) Petroleum	(D) Bauxite
(157)	leads first in the production of c	cotton coal miles (A)
	(A) Gujarat (B) Maharashtra	(C) Andhra Pradesh (D) Bihar
(158)	empowers to fight against the c	hild labour
	(A) Right to freedom (A) (A) (A) (A)	(B) Right to go against exploitation
pr.	(C) Right to religious freedom	(D) Right to equality

(159)	Dwarkesh must go to	the into	ends to visit the fort	Samirocorge	
	(A) Kolkata		(B) Mumbai	· · · · · · · · · · · · · · · · · · ·	
	(C) Chennai		(D) Delhi		
(160)	was not a	land revenue system	1		
	(A) Permanent Settlement		(B) Ulgulan		
	(C) Mahalvari		(D) Ryotwari		
(161)	A Student is not sure about	non metal. Guide hin	n by indicating non i	metals from the following	
	(1) Zinc (2) Mica				
	(3) Gypsum (4) Coppe	r			
	(A) 1 and 2		(B) 3 and 4		
	(C) 2 and 4		(D) 2 and 3	eacojai vorostovo surostoje.	
(162)	Groundnut: Junagadh, Mi	llet:	•	i i i i i yazilidi (A).	
	(A) Mahesana	annacings (C)	(B) Sabarkantha		
	(C) Banaskantha		(D) Bhavnagar	ter Boer (1991) in reconstitut	
(163)	Which among the following	ng pair is incorrect in	reference to the cons	stitution? Hor 669 (A)	
	(A) No. of committees for	framing constitution	- 23	Tek kiraija (O)	
	(B) Chairperson of Consti	tuent Assembly - Dr.	Rajendra Prasad		
	(C) Constitution day - 26t	h November		emicos il A. Bess eschillis (A.)	
	(D) No. of members of Co	onstituent Assembly	-250	usteonsmivé hon coisil? (8)	
(164)	Which among the following	ng is incongruent abou	ut the president of In	dia?	
	(A) He/She is the constitut	ional head of a nation		emeli bjæreldelik (O)	
	(B) He/She presides over t			asi barawikangsiyi (G) . T	
	(C) He/She is the first citiz	en of India	no teasidoleo	Per Copspination Day is	
	(D) The nation's administr	ration is carried out in	the name of preside	ent todooskolkkiski (A)	
(165)	island w	as gifted by the Portu	guese to the British	as a dowry	4 × ×
	(A) Mumbai	i iowenik rewoli w	(B) Lakshdweep	tese lo revimini letot sviT	
	(C) Andaman	08 (4)	(D) Nicobar	(A) 26	
(166)	is a scard		e		
(/		e) oxygen	(C) water	(D) coal	

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(167)	percenta	ge of fresh water is	available on the ear	th I are on the pickershow G	
	(A) 1 %	ushoudM(A)	(B) 2.7 %		
	(C) 27 %	MisC(47)	(D) 29 %	.sociality 3)	
(168)	Ore means	· • •			
	(A) impure metals		(B) electricity		
	(C) home to live in	imwaeyî) (C) .	(D) air		
(169)	The gaseous fuel obtained	from the Bio waste	is called	wode wer some mobile? A	
	(A) LPG		(B) CNG		
	(C) PNG		(D) Biogas		
(170)	is consid	lered as the lifeline o			
,	(A) Industry	n ann an guar	(B) Education	A light in CDE to a con-	
		ofres averagio (4)	(D) Agriculture		
(171)		ound in more than 50	, , ,	Batteri Arkaniks ("1)	
()				in montre de la	
	(C) Alluvial soil			is soil after an early seed the	
(172)	The surface of the Earth's		` *		
(172)		Continental crust is		reni. 1811. – Kejo stanon prinsista (1911.)	
	(A) Silica and Alumina		draws. A best care		
	(B) Silica and Magnesium	io natiam, si noc	la mäergyadanir es yy	ibuolioli sab grooss iloni.W	
	(C) Nickle and Ferrus			zainenoo erb el edit izlik (A.)	
	(D) Magnesium and Ferror	2013 12424		razvo, spisiemų sdišteki (A)	
(173)	The Constitution Day is ce	elebrated on	in India		
	(A) 26th November	izang to arren editei.	(B) 26th Januar	t elalmis stocken stit (d)	
	(C) 25th December 8 28 da	iinti eti w ezecçom	(D) 15th August		
(174)	The total number of seats a	llotted to Gujarat in	Lower House of In	ndian Parliament is	
	(A) 26	wdoorK (G)	(B) 50		
	(C) 182	50750 	(D) 545		
	V Carteria				

(175)	Government has developed the exploitation of the farmer	market system in order to restrain the
.•	(A) Street Market	(B) Controlled Market
,	(C) Weekly Market	(D) Online Market
(176)	The founder of Gadhval state Chandradev Kanauj	v had developed as a capital besides
	(A) Khajuraho	(B) Bhojpal
	(C) Kashi	(D) Bundelkhand
(177)	Which of the following state does not have a	a Legislative Council?
	(A) Gujarat	(B) Bihar
	(C) Maharashtra	(D) Uttar Pradesh
(178)	Which step well of Gujarat is entitled as the	e World Heritage by the UNESCO?
	(A) Adalaj Step well	(B) Dada Hari Step well of Ahmedabad
	(C) Rani ki Vav of Patan	(D) Madha Vav of Vadhavan
(179)	Which nomadic tribe used to connect India	with the world?
	(A) Bahurupi	(B) Vanzara
	(C) Kogsiya	(D) Vansfoda
(180)	In which sphere are the seasons, clouds, rain with less friction?	n and cyclone absent so that the Jet plane fly there swiftly
	(A) Stratosphere	(B) Troposphere
	(C) Mesosphere	(D) Thermosphere

	ROUGH WORK to the distribution of the distribu	SPACE FOR	- 561 667 644 O.
	in a second desired the second (a)	(B) Controlled Market	
	e e e e e e e e e e e e e e e e e e e	(D) Online Market	
(8H	The founder of Gadhval state Chandradov h Kanauf	a developedas a	
		. (8) Bhqipda	
		boadsielowii (C)	
	Which of the following state design of have a L	agirlariye Council ?	
	(A) Oujacas	24 (B)	
		O) Unit Padaji .	
(851)	Which step well of Gujarni is antified as the V	And Heritage by the UPESCO?	
	en e	(B) Dada Hari Sisp well of Almaer	
	(C) Raniki Vavoi Pesa	navadiaVayol Vadhavan	
	W Bibni tossence or keza sefrá olbemen doldW	th tile world?	
	ignudsä (A)	Processor (61)	
	n (C) Kagakya	siscitaci <mark>V</mark> (O)	
(081)	in which spicer are the sessons, clouds, rain a with less friction?	nd cyclone absent so this the let plane	yffrys yedr yfr
	and service of the se	anadqeoqorii (E)	
	ozanie postanie (C) biostanie produce (C)	weigenmail (0)	

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પરીક્ષા પૂરી થયાબાદ OMR શીટ ખંડ નિરીક્ષકને પરત કર્યા બાદ જ પરીક્ષા ખંડ છોડવાનો રહેશે. તેમ કરવામાં કસૂર થયેથી શિસ્તભંગના પગલા લઇ પરીક્ષા માટે જે તે ઉમેદવારને ગેરલાયક ઠેરવવામાં આવશે.