# www.KVSangathan.info

# **Question Booklet** Subject: Mathematics (Code:9)

Booklet Series: A Question Booklet No. 183961

Important: Please consult your Admit Card/Roll No. slip before filling your roll number on the test booklet and OMR answer sheet

OMR Answer Sheet Serial No.	
Roll No. in Words:	
Roll No. in Figures:	

**Duration of Exam.: 2½ hours** 

Max. Marks: 200

The Question Booklet consists of 200 multiple choice questions as per the details given below:

Paper	Description	Medium
<b>Objective</b>	There are three sections – A, B & C.	
type Paper	Section-A (Languages): 40 questions	Respective
·	Hindi - 20; General English - 20	language
200 questions. Section-B: 80 questions		English and
	Gen. Awareness-30; Gen.Intelligence, Numerical	Hindi
1	Ability& Reasoning-30; & Teaching Aptitude-20.	
Section-C: (Knowledge of the Subject):		English and
	80 questions	Hindi

Signature of Cand	date:	Signature o	of Invigilator:	
			•	 

In case there is any discrepancy/doubt in Hindi Version, please consult the English Version.

### DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL ASKED TO DO SO.

ZBG-20995-A >1 < Contd.

### (English Version) Section – A (Languages)

			\ 0 0 /	
1.	सृष्टि का विलोम शब्द है	-		
	A) मरण B) प्रल	<b>ा</b> य	C) वृष्टि	D) मोक्ष
2.	'जंगल में लगने वाली आ	गं वाक्यांश का एक शब्द	बतलाएँ ?	
	A) जठरानल B) बड़	वानल	C) कामानल	D) दावानल
3.	'हमेशा रहने वाला' - ए	क शब्द बतलाएं ?		
	A) शाश्वत B) सम	<b>ासाम</b> यिक	C) प्राणदा	D) पार्थिव
4.	निम्न में से संयुक्त वाक्य	का चयन कीजिए -		X
	A) जो परिश्रम करता है,	, वही आगे बढ़ता है ।	B) मैं पढ़ता हूँ और वह गाता है	
	C) क्या मेरे बिना वह पर	इ नहीं सकता है	D) परिश्रमी व्यक्ति ही सफलता प्र	प्त करता है।
5.	'अंडे का शहजादा' मुहाव	रे का अर्थ है -		
	A) कमजोर व्यक्ति	B) चालाक व्यक्ति	C) अनुभवी व्यक्ति	D) अनुभवहीन व्यक्ति
6.	'चेहरे पर हवाइयाँ उड़ना'	का अर्थ है:		
	A) तेजी से चलना	B) घबरा जाना	C) जवाब न देना	D) क्रोधित होना
7.	'छछून्दर के सिर में चमेले	गी का तेल' का अर्थ है-		
	A) दान के लिए सुपात्र व	न होना	B) गंजे व्यक्ति के सिर पर सुगन्धि	प्रत तेल लगाना
	C) बिल्कुल अनपढ़ व्यवि	ति को धन मिलना	D) अयोग्य व्यक्ति को अच्छा पद	मिलना
8.	'चाय' किस भाषा का श	ब्द है?		
	A) चीनी	B) जापानी	C) फ्रेंच	D) अंग्रेजी
9.	जिन शब्दों की उत्पत्ति व	ज पता नहीं <mark>चलता, उन्हें</mark> क	हा जाता है –	
	A) तत्सम	B) तद्भव	C) देशज	D) संकर
10.	'वह घर से बाहर गया'-	इस वाक्य में 'से' कौन-स	ता कारक है?	
	A) कर्ता	B) कर्म	C) करण	D) अपादान
11.	निम्नलिखित में से कौनस	। शब्द है जो सदैव स्त्रीलिंग	में प्रयुक्त होता है?	
	A) पक्षी	B) बाज	C) मकड़ी	D) गैंडा
12.	निम्न <mark>लिखित संज्ञा - विशेष</mark>	ण जोड़ी में कौन-सा सही न	नहीं है –	
•	A) विष - विषैला	B) पिता-पैतृक	C) आदि - आदिम	D) प्रांत-प्रांतिक
13.	'सुन्दर' की भाववाचक स	ज्ञा है?		
	A) सुन्दरता	B) सौन्दर्य	C) केवल 'A'	D) 'A' व 'B' दोनों
14.	'दिक् + गज' की संधि है	<del>2</del> –		
	A) दिकगज	B) दिग्गज	C) दिगज	D) कोई नहीं

15.	विधान करने वाले शब्दों क	) त्री विशेषता बतलानेवाला शब	द किसे कहते हैं?	
	A) संज्ञा	B) सर्वनाम	C) विशेषण	D) क्रिया - विशेषण
16.		्र पर जा पहुँचा' वाक्य में 'र्स	,	,
	A) साधारण उद्देश्य	B) विधेय विस्तारक	C) उद्देश्य वर्द्धक	D) कोई नहीं
17.	भाषा की सबसे छोटी इका	ई है -		
	A) शब्द	B) मात्रा	C) वर्ण	D) कोई नहीं
18.	अनुनासिक व्यंजन कौन-र	से होते हैं?		
	A) वर्ग के प्रथमाक्षर	B) वर्ग का तृती	याक्षर C) वर्ग का चौथा व	यंजन D) वर्ग का पंचमाक्षर
19.	वर्तनी की दृष्टि से कौन-	-सा शब्द सही है?		XU
	A) संन्यासी	B) सनयासी	C) सन्यासी	D) संनयासी
20.	निम्नलिखित में से कौन स	ा वाक्य शुद्ध है?	•	
	A) मैं गाने की कसरत क	रता हूँ ।	B) मैं गाने का शौव	क कर <mark>रहा हूँ</mark> ।
	C) मैं गाने का अभ्यास क	तर रहा हूँ ।	D) मैं गाने का व्या	याम कर रहा हूँ।
Direct	ions Os 21-24: Mark t	he correct onnosites o	ut of the four choices give	en, of the following words :-
21.	Adroit	ne contect opposites, o	at of the four choices giv	en, of the following words.
	A) Clumsy	B) Clever	C) Awakened	D) Inaudible
22.	Adventitious	,		,
	A) Defiant	B) Planned	C) Snobbish	D) Ruthless
23.	Convalesce			
	A) Visible	B) Brittle	C) Deteriorate	D) Scattered
24.	Exasperation	E) G 1 111	G) P	D\ D1
	A) Agony	B) Capability	C) Bravery	D) Pleasure
Direct	ions Qs.25-28: Mark,	out of the four given	choices, the correct mea	ning of the italicized idioms
phrase			,	
25.	Beyond the black stun	np:-		
	A) beyond the limits of	of settled, and therefor	e civilized, life B) beyon	d the limits of tolerance
	C) beyond one's amb	oitions	D) beyon	d one's capabilities
26.	Chickens come home	to roost		
	A) a state of indecisiv	reness		
	B) one's past mistake	s or wrongdoings will	eventually be the cause o	f present troubles
	C) a state of extreme	tiredness		
	D) a state of certainty	•		

27.	Dip one's pen in g	gall				
	A) seek support fr	om others by one's wr	tings			
	,	ction to put an end to a	•	on		
	C) write spitefully	•				
	D) stay calm desp					
28.	A Judas kiss :	_				
	A) affirmation of	friendship despite diffe	rences			
	B) neutralized pro	paganda				
	C) a day dream					
	D) act of betrayal	especially one disguise	ed as a gesture of frie	endship	(()	
Direc	tions Os. 29-32:Ch	oose the correct prepos	sition, out of four or	otions . to b	e filled in the blanks of	`the
	ving sentences :-			<b>*</b>		-
29.	~	erformance is not consi	stent her talent.			
	A) with	B) for	C) at		D) into	
30.	*	s, at present, infested	<i>'</i>		•	
	A) to	B) with	C) in		D) about	
31.	He should not be	/			,	
	A) on	B) off	C) of		D) for	
32.	Satish's errors ma	y be ascribed his ca	relessness.			
	A) at	B) with	C) for		D) to	
Direc	ctions Os 33-36: Cl	noose the correct synon	yms of the following	ng words:-		
33.	Contagion Contagion	loose the confect syllon	yillo of the followin	ig words.		
55.	A) Infection	B) Container	C) Capa	city	D) Inability	
34.	Conspectus	B) Container	c) cupu	city	D) muomity	
5	A) Suspense	B) Summary	C) Clari	tv	D) Callousness	
35.	Grotto		<i>5)</i> 21 <b>4</b> 11	-5	2) currousii ess	
	A) Grotesque	B) Opponent	C) Cave		D) Criticism	
36.	Insouciant		,		,	
	A) Irreverent	B) Irrelevant	C) Impa	tient	D) Indifferent	
			, -			
Direc	etions Qs. 37-40: Cl	hoose the correct form	of the following wo	rds, out of	four given options, as	the
given	part of speech in th	e sentences:-				
37.	Up as adverb:-					
	A) Prices are up.		B) Let us go up	the hill		
	C) The next up tra	in will leave soon.	D) We should n	ot be afraid	d of ups and downs in li	fe.
38.	Well as adverb:-					
	A) Let well alone.		B) Well	begun is ha	alf done.	
	C) I hope you are	now well.	D) Well	, who woul	d have thought it?	
ZBG-2	20995-A		> 4 <		Contd	l.

39.	Still as noun:-		
	A) With his name the mothers still their babies.	B) Still waters run deep.	
	C) Sita's sobs could be heard in the still of night.	D) He is still in business.	
40.	All as noun		
	A) He lost his all in speculation.	B) All men are mortal.	
	C) He was all alone when I saw him.	D) All spoke in her favour.	
	Section – 1	В	
41.	Acid rain is caused due to pollution of atmosphere	by	
	A) Carbon Dioxide	B) Methane Gas	
	C) Ozone & Carbon Dioxide	D) Nitrous Oxide & Sulphur Dioxide	
42.	Longitude measures the angular distance, expressed	d in degrees of a point on the Earth's surface:	
	A) east or west of prime meridian	B) north or south of the equator	
	C) only east of prime meridian	D) only west of the prime meridian	
43.	The filament of an electric bulb is made of		
	A) iron B) nichrome	C) tungsten D) graphite	
44.	Which of the following vitamins is considered to be	a hormone?	
	A) A B) B	C) C D) D	
45.	The technique used to transmit audio signals in tele	vision broadcasts is	
	A) Amplitude Modulation	B) Frequency Modulation	
	C) Pulse Code Modulation	D) Time Division Multiplexing	
46.	Who proposed the Preamble before the Drafting Con	nmittee of the Constitution?	
	A) Jawahar Lal Nehru B) B.R. Ambedkar C) B	N. Rau D) Mahatma Gandhi	
47.	National song has been taken from		
	A) Bharat Vidhata article written by B.C. Chatterjee	B) Totva-Bodhini Patrika edited by Tagore	
	C) Novel Durgesh Nandini by B.C. Chatterjee	D) Novel Anand Math by B.C. Chatterjee	
48.	Which data input method do banks mainly use for j	processing bank cheques?	
	A) OMR B) Bar Code Reader	C) MICR D) Light Pen	
49.	Which of the following has been appointed as br	and ambassador of the Gujarat State Election	on
	Commission?		
	A) Amitabh Bachan B) Cheteshwar Pujara	C) Ravinder Jadeja D) Irfan Khan	
50.	Which of the following movies has won the Gold	` /	m
	category in the 44 <sup>th</sup> International Film Festival of In	idia (IFFI) held at Goa ?	
	A) 12 Years a slave B) Dallas Buyers Club	C) Gravity D) Beatriz's War	
51.	What is the rank of India in Global Corruption Per	ception Index 2013, according to Transparence	су
	International?		
	A) 94 <sup>th</sup> B) 77 <sup>th</sup>	C) 104 <sup>th</sup> D) 116 <sup>th</sup>	
52.	Which one is not a constituent of Human Developme	ent Index ?	
	A) Life expectancy	B) Infant mortality rate	
	C) Real per capita income	D) Adult literacy rate	

53.	Which of the follow	ving is a port town of Indus Va	alley Civilization?	
	A) Harappa	B) Alamgirpur	C) Banawali	D) Lothal
54.	The first electronic	computer in the world was		
	A) UNIVAC	B) EDVAC	C) ENIAC	D) none of the above
55.	Which of the follow	ving railway platforms located	d in India has recently b	been declared as the Largest
	Railway Platform in	the world?		
	A) Kharagpur	B) Sonpur	C) Bombay V.T.	D) Gorakhpur
56.	Who of the following	ng women became the first wo	oman chairperson of Sta	te Bank of India?
	A) Naina Lal Kidw	rai B) Chanda Kochar	C) Shikha Sharma D	) Arundhati Bhattacharya
57.	Tax Administration	Reform Commission has been	n set up under the Chair	rmanship of:
	A) Parthsarthi Shon	ne B) Kaushik Basu	C) Y.V. Reddy	D) Vijay Kelkar
58.	What is true about I	Bitcoin?		
	A) It is currency with	th high intrinsic value	<b>♦</b>	
	B) It is currency with	th no intrinsic value		
	C) Bank of Thailand	d accepted it as legal		
	D) Since its inception	on the price of Bitcoin has alv	ways been lower than D	ollar
59.	Bermuda Triangle e	extend upto which of the follow	wing places?	
	1. Southern Florida	2. Puerto Rico	3. Hawaii	Islands
	Which of the statem	nent(s) given above is/are corr	rect?	
	A) 1,2 and 3	B) 1 and 2 only	C) 2 and 3 only	D) 1 and 3 only
60.	The famous book, "	Chronicle of a Corpse Bearer	" is written by:	
	A) Vikram Seth	B) Kuldeep Nayar	C) Arundhati Roy	D) Cyrus Mistry.
61.	Which of the follow	ving countries has won the Me	e <mark>n's Hockey Asia Cup 2</mark>	2013?
	A) South Korea	B) Pakistan	C) Malaysia	D) India
62.	Which country has	qualified for the f <mark>ir</mark> st ti <mark>me to</mark> p	play in the 11th ICC Cri	cket World Cup?
	A) Nepal	B) Afghanistan	C) Netherland	D) UAE
63.	Which of the follow	wing languages has recently	been approved as the	sixth classical language of
	India by the Union			
	A) Malayalam	B) Kannada	C) Odia	D) Telugu
64.		ving writers was awarded the	Sahitya Akademi Awai	rd 2013 in English?
	A) Ruskin Bond	B) Temsula Ao	C) Vikram Seth	D) Ramchandra Guha
65.	Name the India's r	nuclear-capable strategic miss	sile, with a strike rang	e of about 4000 km tested
	successfully			
	A) Akash	B) Prithvi-II	C) Agni-IV	D) Trishul
66.		Property Day is observed on:		
	A) 24th December	B) 26th April	C) 29th June	D) 26th June
67.		was observed across India as :		
	A) Working Wome	•	B) Rashtriya Sadb	ohavana Diwas
	C) Rashtriya Vigyar	n Diwas	D) Kisan Diwas	

A) Jaipur B) Tirupathy C) Udaipur D) Hyderabad 69. Which of the following personalities was awarded the Gandhi Peace Prize for 2013? A) M.S. Swaminathan B) Angela Merkel C) Chandi Prasad Bhatt D) Medha Patekar 70. Who among the following was crowned Miss Earth 2013? A) Bea Rose Santiago B) Maria Gabriela Isler C) Megan Young D) Alyz Henrich 71. 'Duma' is related to 'Russia' in the same way as 'Knesset' is related to: A) Malaysia B) Afghanistan C) France D) Germany  Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign:: 72. Contamination: Food:: Infection: ? A) Germs B) Disease C) Body D) Medicine 73. 42:56::110:? A) 132 B) 136 C) 140 D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child 75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group? A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series? A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means all passengers were late'. The 'Drivers were late' would be written as: A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: A) Surplus B) Scarcity C) Presence D) Richness	60	Which of the following	na aitiaa haa baaaad tha Daa	t Haritaga City award fo	r 2012 12 9	
69. Which of the following personalities was awarded the Gandhi Peace Prize for 2013?  A) M.S. Swaminathan B) Angela Merkel C) Chandi Prasad Bhatt D) Medha Patekar  70. Who among the following was crowned Miss Earth 2013?  A) Bea Rose Santiago B) Maria Gabriela Isler C) Megan Young D) Alyz Henrich  71. 'Duma' is related to 'Russia' in the same way as 'Knesset' is related to:  A) Malaysia B) Afghanistan C) France D) Germany  Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs B) Disease C) Body D) Medicine  73. 42:56::110:?  A) 132 B) 136 C) 140 D) 120  74. Select the pair of words that has the same relationship as in the given pair.  Hymn: Praise  A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG, How is COMPLETE written in that code?  A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus B) Scarcity C) Presence D) Richness  80. If + stands for greater than; × stands for addition; + stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2	68.					
A) M.S. Swaminathan B) Angela Merkel C) Chandi Prasad Bhatt D) Medha Patekar  70. Who among the following was crowned Miss Earth 2013?  A) Bea Rose Santiago B) Maria Gabriela Isler C) Megan Young D) Alyz Henrich  71. 'Duma' is related to 'Russia' in the same way as 'Knesset' is related to:  A) Malaysia B) Afghanistan C) France D) Germany  Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs B) Disease C) Body D) Medicine  73. 42:56::110:?  A) 132 B) 136 C) 140 D) 120  74. Select the pair of words that has the same relationship as in the given pair.  Hymn: Praise  A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG, How is COMPLETE written in that code?  A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus B) Scarcity C) Presence D) Richness  80. If + stands for greater than; × stands for addition; + stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2	60	, 1	, 1	, .	, ,	
70. Who among the following was crowned Miss Earth 2013?  A) Bea Rose Santiago B) Maria Gabriela Isler C) Megan Young D) Alyz Henrich  71. 'Duma' is related to 'Russia' in the same way as 'Knesset' is related to:  A) Malaysia B) Afghanistan C) France D) Germany  Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs B) Disease C) Body D) Medicine  73. 42: 56::110:?  A) 132 B) 136 C) 140 D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise  A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus B) Scarcity C) Presence D) Richness  80. If + stands for greater than; × stands for addition; + stands for minus, then which of the following is correct?  A) 3 + 2 < 4 + 6 > 3 × 2  B) 3×2 < 4 + 6 + 3 < 2	69.		• 1			
A) Bea Rose Santiago B) Maria Gabriela Isler C) Megan Young D) Alyz Henrich  'Duma' is related to 'Russia' in the same way as 'Knesset' is related to: A) Malaysia B) Afghanistan C) France D) Germany  Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ? A) Germs B) Disease C) Body D) Medicine  73. 42: 56::110:? A) 132 B) 136 C) 140 D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group? A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series? A) DG2 B) EKS C) IR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG, How is COMPLETE written in that code? A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: A) Surplus B) Scarcity C) Presence D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for minus, then which of the following is correct? A) 3 + 2 < 4 + 6 > 3 × 2 B) 3×2 < 4 + 6 + 3 < 2			, •	<i>'</i>	hatt D) Medha Patekar	
71. 'Duma' is related to 'Russia' in the same way as 'Knesset' is related to:  A) Malaysia  B) Afghanistan  C) France  D) Germany  Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs  B) Disease  C) Body  D) Medicine  73. 42:56::110:?  A) 132  B) 136  C) 140  D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise  A) Dirge: Grief  B) Prayer: Congregation  C) Liturgy: Rite  D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2	70.	ŭ	· ·			
Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs  B) Disease  C) Body  D) Medicine  73. 42:56::110:?  A) 132  B) 136  C) 140  D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise  A) Dirge: Grief  B) Prayer: Congregation  C) Liturgy: Rite  D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  C) QNPDFUFM  D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If + stands for greater than; × stands for addition; + stands for division; – stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3+2<4+6+3<2		· · ·		, -	D) Alyz Henrich	
Direction: (Q.Nos. 72-73) Choose the one of the four given alternatives that shows the same relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs  B) Disease  C) Body  D) Medicine  73. 42: 56:::110:?  A) 132  B) 136  C) 140  D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise  A) Dirge: Grief  B) Prayer: Congregation  C) Liturgy: Rite  D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  C) QNPDFUFM  D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If + stands for greater than; × stands for addition; + stands for division; – stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3+2<4+6+3<2	71.		-			
relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs  B) Disease  C) Body  D) Medicine  73. 42:56::110:?  A) 132  B) 136  C) 140  D) 120  74. Select the pair of words that has the same relationship as in the given pair:  Hymn: Praise  A) Dirge: Grief  B) Prayer: Congregation  C) Liturgy: Rite  D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG, How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  C) QNPDFUFM  D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If + stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2		A) Malaysia	B) Afghanistan	C) France	D) Germany	
relationship as is found between the two words/ numbers to the left of the sign::  72. Contamination: Food:: Infection: ?  A) Germs  B) Disease  C) Body  D) Medicine  73. 42:56::110:?  A) 132  B) 136  C) 140  D) 120  74. Select the pair of words that has the same relationship as in the given pair:  Hymn: Praise  A) Dirge: Grief  B) Prayer: Congregation  C) Liturgy: Rite  D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG, How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  C) QNPDFUFM  D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If + stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2						
72. Contamination: Food:: Infection: ?  A) Germs  B) Disease  C) Body  D) Medicine  73. 42: 56:: 110:?  A) 132  B) 136  C) 140  D) 120  74. Select the pair of words that has the same relationship as in the given pair:  Hymn: Praise  A) Dirge: Grief  B) Prayer: Congregation  C) Liturgy: Rite  D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  C) QNPDFUFM  D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If \( \phi \) stands for greater than; \( \times \) stands for addition; \( + \) stands for division; \( - \) stands for equal to; \( \times \) stands for multiplication; \( = \) stands for less than; \( < \) stands for minus, then which of the following is correct?  A) 3 \( + 2 < 4 \div 6 > 3 \times 2  B) 3\( \times 2 < 4 \div 6 + 3 < 2  B) 3\( \times 2 < 4 \div 6 + 3 < 2		,				
A) Germs B) Disease C) Body D) Medicine  73. 42:56::110:? A) 132 B) 136 C) 140 D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group? A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series? A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: A) Surplus B) Scarcity C) Presence D) Richness  80. If \( \phi \) stands for greater than; \( \times \) stands for addition; \( + \) stands for division; \( - \) stands for equal to; \( > \) stands for multiplication; \( = \) stands for less than; \( < \) stands for minus, then which of the following is correct? A) 3 \( + 2 < 4 \div 6 > 3 \times 2 \) B) 3\( \times 2 < 4 \div 6 + 3 < 2 \)	rela	-		bers to the left of the si	ign::	
<ul> <li>73. 42:56::110:? <ul> <li>A) 132</li> <li>B) 136</li> <li>C) 140</li> <li>D) 120</li> </ul> </li> <li>74. Select the pair of words that has the same relationship as in the given pair:  Hymn: Praise <ul> <li>A) Dirge: Grief</li> <li>B) Prayer: Congregation</li> <li>C) Liturgy: Rife</li> <li>D) Lullaby: Child</li> </ul> </li> <li>75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group? <ul> <li>A) Volume</li> <li>B) Size</li> <li>C) Large</li> <li>D) Shape</li> </ul> </li> <li>76. Which of the following does not fit in the letter number series? <ul> <li>A) DG2</li> <li>B) EK5</li> <li>C) JR6</li> <li>D) PY8</li> </ul> </li> <li>77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? <ul> <li>A) DSDKQNPD</li> <li>B) OLNBFUFM</li> </ul> </li> <li>78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  <ul> <li>A) min cin din</li> <li>B) cin din fin</li> <li>C) fin din gin</li> <li>D) gin hin min</li> </ul> </li> <li>79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  <ul> <li>A) Surplus</li> <li>B) Scarcity</li> <li>C) Presence</li> <li>D) Richness</li> </ul> </li> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; – stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct?  <ul> <li>A) 3 + 2 &lt; 4 ÷ 6 &gt; 3 × 2</li> <li>B) 3×2 &lt; 4 ÷ 6 + 3 &lt; 2</li> </ul> </li> </ul>	72.					
A) 132 B) 136 C) 140 D) 120  74. Select the pair of words that has the same relationship as in the given pair: Hymn: Praise A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group? A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series? A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: A) Surplus B) Scarcity C) Presence D) Richness  80. If \( \text{stands for greater than;} \times \text{stands for addition;} \times \text{stands for division;} \( -\text{stands for equal to;} \) stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct? A) 3 + 2 < 4 \div 6 > 3 \times 2 B) 3×2 < 4 \div 6 + 3 < 2		A) Germs	B) Disease	C) Body	D) Medicine	
74. Select the pair of words that has the same relationship as in the given pair:  Hymn: Praise  A) Dirge: Grief  B) Prayer: Congregation  C) Liturgy: Rite  D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  C) QNPDFUFM  D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If \(\frac{1}{2}\) stands for greater than; \(\times\) stands for addition; \(+\) stands for division; \(-\) stands for equal to; \(\times\) stands for multiplication; \(=\) stands for less than; \(<\) stands for minus, then which of the following is correct?  A) 3 + 2 < 4 \(\frac{1}{2}\) 6 > 3 \(\times\) B) 3\(\times\)2 < 4 \(\frac{1}{2}\) 6 > 3 \(\times\)2	73.	42 : 56 :: 110 : ?				
Hymn: Praise A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group? A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series? A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: A) Surplus B) Scarcity C) Presence D) Richness  80. If \( \delta \) stands for greater than; \( \times \) stands for addition; \( + \) stands for division; \( - \) stands for equal to; \( > \) stands for multiplication; \( = \) stands for less than; \( < \) stands for minus, then which of the following is correct? A) 3 + 2 < 4 \( \delta \) 6 > 3 \( \times 2 \) B) 3×2 < 4 \( \delta \) 6 + 3 < 2		A) 132	B) 136	C) 140	D) 120	
A) Dirge: Grief B) Prayer: Congregation C) Liturgy: Rite D) Lullaby: Child  75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group?  A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus B) Scarcity C) Presence D) Richness  80. If \( \delta \) stands for greater than; \( \times \) stands for addition; \( + \) stands for division; \( - \) stands for equal to; \( > \) stands for multiplication; \( = \) stands for less than; \( < \) stands for minus, then which of the following is correct?  A) 3 + 2 < 4 \( \delta \) 6 > 3 \( \times \) B) 3×2 < 4 \( \delta \) 6 > 3 \( \delta \)	74.	Select the pair of wor	rds that has the same relation	nship as in the given pai	r:	
<ul> <li>75. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to the group? <ul> <li>A) Volume</li> <li>B) Size</li> <li>C) Large</li> <li>D) Shape</li> </ul> </li> <li>76. Which of the following does not fit in the letter number series? <ul> <li>A) DG2</li> <li>B) EK5</li> <li>C) JR6</li> <li>D) PY8</li> </ul> </li> <li>77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? <ul> <li>A) DSDKQNPD</li> <li>B) QNPDDSDK</li> <li>C) QNPDFUFM</li> <li>D) OLNBFUFM</li> </ul> </li> <li>78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: <ul> <li>A) min cin din</li> <li>B) cin din fin</li> <li>C) fin din gin</li> <li>D) gin hin min</li> </ul> </li> <li>79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: <ul> <li>A) Surplus</li> <li>B) Scarcity</li> <li>C) Presence</li> <li>D) Richness</li> </ul> </li> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct? <ul> <li>A) 3 + 2 &lt; 4 ÷ 6 &gt; 3 × 2</li> <li>B) 3×2 &lt; 4 ÷ 6 + 3 &lt; 2</li> </ul> </li> </ul>		Hymn: Praise				
does not belong to the group?  A) Volume  B) Size  C) Large  D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2  B) EK5  C) JR6  D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD  B) QNPDDSDK  C) QNPDFUFM  D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2		A) Dirge: Grief	B) Prayer: Congregation	C) Liturgy: Rite	D) Lullaby: Child	
A) Volume B) Size C) Large D) Shape  76. Which of the following does not fit in the letter number series?  A) DG2 B) EK5 C) JR6 D) PY8  77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code?  A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din B) cin din fin C) fin din gin D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus B) Scarcity C) Presence D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2	75.	Three of the following	ng four are alike in a certain	way and so form a gro	oup. Which is the one that	
<ul> <li>76. Which of the following does not fit in the letter number series? <ul> <li>A) DG2</li> <li>B) EK5</li> <li>C) JR6</li> <li>D) PY8</li> </ul> </li> <li>77. If BRIGHTEN is written as HJSCMDSG, How is COMPLETE written in that code? <ul> <li>A) DSDKQNPD</li> <li>B) QNPDDSDK</li> <li>C) QNPDFUFM</li> <li>D) OLNBFUFM</li> </ul> </li> <li>78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: <ul> <li>A) min cin din</li> <li>B) cin din fin</li> <li>C) fin din gin</li> <li>D) gin hin min</li> </ul> </li> <li>79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: <ul> <li>A) Surplus</li> <li>B) Scarcity</li> <li>C) Presence</li> <li>D) Richness</li> </ul> </li> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct? <ul> <li>A) 3 + 2 &lt; 4 ÷ 6 &gt; 3 × 2</li> <li>B) 3×2 &lt; 4 ÷ 6 + 3 &lt; 2</li> </ul> </li> </ul>		does not belong to th	e group?			
A) DG2 B) EK5 C) JR6 D) PY8 77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM 78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: A) min cin din B) cin din fin C) fin din gin D) gin hin min 79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: A) Surplus B) Scarcity C) Presence D) Richness 80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct? A) 3 + 2 < 4 ÷ 6 > 3 × 2 B) 3×2 < 4 ÷ 6 + 3 < 2		A) Volume	B) Size	C) Large	D) Shape	
<ul> <li>77. If BRIGHTEN is written as HJSCMDSG. How is COMPLETE written in that code? <ul> <li>A) DSDKQNPD</li> <li>B) QNPDDSDK</li> <li>C) QNPDFUFM</li> <li>D) OLNBFUFM</li> </ul> </li> <li>78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: <ul> <li>A) min cin din</li> <li>B) cin din fin</li> <li>C) fin din gin</li> <li>D) gin hin min</li> </ul> </li> <li>79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: <ul> <li>A) Surplus</li> <li>B) Scarcity</li> <li>C) Presence</li> <li>D) Richness</li> </ul> </li> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct? <ul> <li>A) 3+2&lt;4÷6+3&lt;2</li> <li>B) 3×2&lt;4÷6+3&lt;2</li> </ul> </li> </ul>	76.	Which of the following	ng does not fit in the letter nu	imber series ?		
A) DSDKQNPD B) QNPDDSDK C) QNPDFUFM D) OLNBFUFM  78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2		A) DG2	B) EK5	C) JR6	D) PY8	
<ul> <li>78. In a certain language, 'min fin bin gin' means 'trains are always late'; 'gin din cin hin' means 'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as: <ul> <li>A) min cin din</li> <li>B) cin din fin</li> <li>C) fin din gin</li> <li>D) gin hin min</li> </ul> </li> <li>79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: <ul> <li>A) Surplus</li> <li>B) Scarcity</li> <li>C) Presence</li> <li>D) Richness</li> </ul> </li> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct? <ul> <li>A) 3 + 2 &lt; 4 ÷ 6 &gt; 3 × 2</li> <li>B) 3×2 &lt; 4 ÷ 6 + 3 &lt; 2</li> </ul> </li> </ul>	77.	If BRIGHTEN is w	ritten as HJSCMDSG. How	is COMPLETE written:	in that code?	
'drivers were always punished'; 'bin cin vin rin' means 'drivers stopped all trains' and 'din kin fin vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2		A) DSDKQNPD	B) QNPDDS <mark>D</mark> K	C) QNPDFUFM	D) OLNBFUFM	
vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2	78.	In a certain languag	e, 'min fin bin gin' means	'trains are always late'	; 'gin din cin hin' means	
vin' means 'all passengers were late'. The 'Drivers were late' would be written as:  A) min cin din  B) cin din fin  C) fin din gin  D) gin hin min  79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2						
<ul> <li>79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: <ul> <li>A) Surplus</li> <li>B) Scarcity</li> <li>C) Presence</li> <li>D) Richness</li> </ul> </li> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct? <ul> <li>A) 3 + 2 &lt; 4 ÷ 6 &gt; 3 × 2</li> <li>B) 3×2 &lt; 4 ÷ 6 + 3 &lt; 2</li> </ul> </li> </ul>			_			
<ul> <li>79. 'YPCUIAT' are jumbled letters of a meaningful word. Rearrange these letters and select from the given alternatives, a word which is opposite in meaning to the rearranged word: <ul> <li>A) Surplus</li> <li>B) Scarcity</li> <li>C) Presence</li> <li>D) Richness</li> </ul> </li> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct? <ul> <li>A) 3+2&lt;4÷6&gt;3×2</li> <li>B) 3×2&lt;4÷6+3&lt;2</li> </ul> </li> </ul>		A) min cin din	B) cin din fin	C) fin din gin	D) gin hin min	
given alternatives, a word which is opposite in meaning to the rearranged word:  A) Surplus  B) Scarcity  C) Presence  D) Richness  If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2	79.	'YPCUIAT' are jum	bled letters of a meaningful		letters and select from the	
A) Surplus  B) Scarcity  C) Presence  D) Richness  80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; > stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) 3 + 2 < 4 ÷ 6 > 3 × 2  B) 3×2 < 4 ÷ 6 + 3 < 2		given alternatives, a	word which is opposite in me	eaning to the rearranged	word:	
<ul> <li>80. If ÷ stands for greater than; × stands for addition; + stands for division; - stands for equal to; &gt; stands for multiplication; = stands for less than; &lt; stands for minus, then which of the following is correct?</li> <li>A) 3 + 2 &lt; 4 ÷ 6 &gt; 3 × 2</li> <li>B) 3×2 &lt; 4 ÷ 6 + 3 &lt; 2</li> </ul>			11			
stands for multiplication; = stands for less than; < stands for minus, then which of the following is correct?  A) $3 + 2 < 4 \div 6 > 3 \times 2$ B) $3 \times 2 < 4 \div 6 + 3 < 2$	80.		, ,	,	n; – stands for equal to; >	
correct ? A) $3 + 2 < 4 \div 6 > 3 \times 2$ B) $3 \times 2 < 4 \div 6 + 3 < 2$					•	
A) $3 + 2 < 4 \div 6 > 3 \times 2$ B) $3 \times 2 < 4 \div 6 + 3 < 2$				,		
			< 2	B) $3 \times 2 < 4 \div 6 + 3 <$	: 2	
				/		

		ing on either of the edges; G	_	•
	•	our persons between E and A		
		and G is between E and F.	-	is between H and C.
81.	=	wing is definitely sitting at one		5) 27
	A) C	B) H	C) E	D) None of above
82.	Who are the immediate	•		
	A) B and C	B) B and H	C) A and H	D) B & C or B & H
83.		e their positions then who beco	<u> </u>	
	A) G & F	B) F only	C) A only	D) F & A
84.	•	girls, Ajay's rank is 12th and		
		mong girls is 3rd. In the class		
	the other end, Ajay's	rank among the boys is 26th.	Which of the followi	ng is Anu's rank among
	girls from other end?			
	A) 23rd	B) 28th	C) 26th	D) None of the above
85.	Pointing to a lady in the	ne photograph, 'Rekha said, 'H	Ier son's father is the so	on-in-law of my mother'.
	How is Rekha related	to that lady?		
	A) Aunt	B) Sister	C) Mother	D) Cousin
86.	If 'A $\times$ B' means that	A is sister of B, 'A÷ B' means	that A is daughter of l	B, 'A-B' means that A is
	son of B. Then how is	P related to S in the relations	hip 'P-Q $\times$ R $\div$ S'?	
	A) Brother	B) Son	C) Grandson	D) Daughter's son
87.	Ram drives 10 Kms to	owards South from his house	and turns left and driv	ves another 10 Kms. He
	again turns left and d	rives 40 Kms. straight, then h	ne turns right and driv	es for another 5 Kms to
	reach the bank where h	ne works. How far and in which	ch direction is Ram's b	ank from his house?
	A) 33 Kms. North Eas	st B) 45 Km <mark>s</mark> . No <mark>rth</mark> C) 6	65 Kms. East D) 39	Kms. North West
88.	At the end of a busin	ess conference, 10 people pre	esent shake hands with	each other once. How
	many hand shakes will	be there all together?		
	A) 20	B) 45	C) 55	D) 90
Direc	ction (Q. Nos. 89-90):	Read the pattern of letters	/ numbers/terms and	find the missing term
from	the given alternatives	:		_
89.	IAZ, KEB, ?, OOI	F, QUH		
	A) MDD	B) MII	C) MIO	D) MID
90.	266, 339, 528, ?	,	,	,
	A) 630	B) 730	C) 830	D) 930
		es some letters are missing	which are given in the	hat order as one of the
	•	Choose the correct alternatives		
	aac_a_cbab_b_accab_			
	A) bcacba	B) acbaba	C) cbcacb	D) cabcab
	,	,	,	,
ZRG-2	20995-A	> % <		Contd.

Direction (Q. Nos. 81-83): Ten students A, B, C, D, E, F, G, H, I and J are sitting in a row facing

A) 25 B) 30 C) 60 D) None of the above  94. The percentage of candidates who failed in at most two subjects is:  A) 20.83 B) 25 C) 45.83 D) 95.83  95. How many triangles are there in the following figure?  A) 17 B) 16 C) 19 D) 21  96. A painter has painted a cubical box with six different colours for different faces of the cube. Red face is between yellow and brown faces. Green face is adjacent to the silver face. Pink face is adjacent to the green face. Brown face is at the bottom. Silver and pink faces are opposite to each other. The face opposite to red will be:  A) Yellow B) Green C) Pink D) Silver  97. A clock seen through a mirror shows quarter past three. What is the correct time?  A) 9.45 B) 9.15 C) 8.45 D) 3.15  98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:	92.	multiply it by 3 a		1 .	e my age three years hence, and you will know how old I
English (E), Maths (M) and Science (S). The number of candidates who failed in E, M and S are shown in the diagram given below:  E  M  93. The number of candidates who failed in at least one subject is: A) 25 B) 30 C) 60 D) None of the above  94. The percentage of candidates who failed in at most two subjects is: A) 20.83 B) 25 C) 45.83 D) 95.83  95. How many triangles are there in the following figure?  A) 17 B) 16 C) 19 D) 21  96. A painter has painted a cubical box with six different colours for different faces of the cube. Red face is between yellow and brown faces. Green face is adjacent to the silver face. Pink face is adjacent to the green face. Brown face is at the bottom. Silver and pink faces are opposite to each other. The face opposite to red will be: A) Yellow B) Green C) Pink D) Silver  97. A clock seen through a mirror shows quarter past three. What is the correct time? A) 9.45 B) 9.15 C) 8.45 D) 3.15  98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:		A) 18 years	B) 20 years	C) 24 years	D) 32 years
93. The number of candidates who failed in at least one subject is:  A) 25 B) 30 C) 60 D) None of the above  94. The percentage of candidates who failed in at most two subjects is:  A) 20.83 B) 25 C) 45.83 D) 95.83  95. How many triangles are there in the following figure?  A) 17 B) 16 C) 19 D) 21  96. A painter has painted a cubical box with six different colours for different faces of the cube. Red face is between yellow and brown faces. Green face is adjacent to the silver face. Pink face is adjacent to the green face. Brown face is at the bottom. Silver and pink faces are opposite to each other. The face opposite to red will be:  A) Yellow B) Green C) Pink D) Silver  97. A clock seen through a mirror shows quarter past three. What is the correct time?  A) 9.45 B) 9.15 C) 8.45 D) 3.15  98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:	Eng	lish (E), Maths (N	M) and Science (S). The i	•	•
A) 25 B) 30 C) 60 D) None of the above  94. The percentage of candidates who failed in at most two subjects is:  A) 20.83 B) 25 C) 45.83 D) 95.83  95. How many triangles are there in the following figure?  A) 17 B) 16 C) 19 D) 21  96. A painter has painted a cubical box with six different colours for different faces of the cube. Red face is between yellow and brown faces. Green face is adjacent to the silver face. Pink face is adjacent to the green face. Brown face is at the bottom. Silver and pink faces are opposite to each other. The face opposite to red will be:  A) Yellow B) Green C) Pink D) Silver  97. A clock seen through a mirror shows quarter past three. What is the correct time?  A) 9.45 B) 9.15 C) 8.45 D) 3.15  98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:			13	9	
A) 20.83 B) 25 C) 45.83 D) 95.83  95. How many triangles are there in the following figure?  A) 17 B) 16 C) 19 D) 21  96. A painter has painted a cubical box with six different colours for different faces of the cube. Red face is between yellow and brown faces. Green face is adjacent to the silver face. Pink face is adjacent to the green face. Brown face is at the bottom. Silver and pink faces are opposite to each other. The face opposite to red will be:  A) Yellow B) Green C) Pink D) Silver  97. A clock seen through a mirror shows quarter past three. What is the correct time?  A) 9.45 B) 9.15 C) 8.45 D) 3.15  98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:	93.	A) 25	B) 30	C) 60	D) None of the above
<ul> <li>A) 17</li> <li>B) 16</li> <li>C) 19</li> <li>D) 21</li> <li>A painter has painted a cubical box with six different colours for different faces of the cube. Red face is between yellow and brown faces. Green face is adjacent to the silver face. Pink face is adjacent to the green face. Brown face is at the bottom. Silver and pink faces are opposite to each other. The face opposite to red will be: <ul> <li>A) Yellow</li> <li>B) Green</li> <li>C) Pink</li> <li>D) Silver</li> </ul> </li> <li>A clock seen through a mirror shows quarter past three. What is the correct time? <ul> <li>A) 9.45</li> <li>B) 9.15</li> <li>C) 8.45</li> <li>D) 3.15</li> </ul> </li> <li>A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:</li> </ul>	94.				D) 95.83
<ul> <li>96. A painter has painted a cubical box with six different colours for different faces of the cube. Red face is between yellow and brown faces. Green face is adjacent to the silver face. Pink face is adjacent to the green face. Brown face is at the bottom. Silver and pink faces are opposite to each other. The face opposite to red will be: <ul> <li>A) Yellow</li> <li>B) Green</li> <li>C) Pink</li> <li>D) Silver</li> </ul> </li> <li>97. A clock seen through a mirror shows quarter past three. What is the correct time? <ul> <li>A) 9.45</li> <li>B) 9.15</li> <li>C) 8.45</li> <li>D) 3.15</li> </ul> </li> <li>98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:</li> </ul>	95.	How many triang	gles are there in the following	ng figure?	
other. The face opposite to red will be:  A) Yellow B) Green C) Pink D) Silver  97. A clock seen through a mirror shows quarter past three. What is the correct time? A) 9.45 B) 9.15 C) 8.45 D) 3.15  98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:	96.	A painter has pai	nted a cubical box with six	different colours for different	ent faces of the cube.
<ul> <li>97. A clock seen through a mirror shows quarter past three. What is the correct time? <ul> <li>A) 9.45</li> <li>B) 9.15</li> <li>C) 8.45</li> <li>D) 3.15</li> </ul> </li> <li>98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:</li> </ul>				the bottom. Silver and pi	ink faces are opposite to each
A) 9.45 B) 9.15 C) 8.45 D) 3.15  98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:		A) Yellow	B) Green	C) Pink	D) Silver
98. A train X starts from A at 4 PM and reaches B at 5 PM. While another train Y starts from B at 4 PM and reaches A at 5.30 PM. Two trains will cross each other at:	97.		•	•	
4 PM and reaches A at 5.30 PM. Two trains will cross each other at:	00	· · · · · · · · · · · · · · · · · · ·	,	,	,
	98.				otner train Y starts from B at
		A) 4.36 PM	B) 4.42 PM	C) 4.48 PM	D) 4.50 PM

Direction (Q. No. 99-100): Five members A,B,C,D and E of a family eat Grapes, Apple, Watermelon, Pomegranate and Pineapple one by one after their lunch from Tuesday to Saturday. Each of them eats only one fruit a day. No two members eat the same fruit on a day. Neither B nor E eats watermelon or grapes on Wednesday. A eats pomegranate on Thursday. D eats apple on Tuesday. E does not eat pineapple on Tuesday. B eats pomegranate on Friday. C eats grapes on Saturday. A eats watermelon on Tuesday. D eats pineapple on Wednesday. Which fruit does E eat on Friday? A) Grapes B) Watermelon C) Apple D) Pomegranate 100. On which day does D eat watermelon? A) Wednesday B) Friday C) Saturday D) Thursday 101. If students do not understand what is taught in the classroom, the teacher should:-A) Explain it in a different way B) Feel terribly bored C) Feel that he is wasting time D) Pity the students 102. Which of the following will not hamper effective communication in the classroom? A) A lengthy statement B) A precise statement C) An ambiguous statement D) A statement which allows the listener to draw her/his own conclusions. 103. With specific reference to classroom environment, all except one of the major components of listening is:-A) Hearing B) Being attentive C) Answering D) Understanding and remembering. 104. In order to modify the undesirable behaviour of a student, the most effective method is:-A) To punish the student B) To bring it to the notice of parents C) To make her/him conscious of the consequences of her/his actions D) To find out the reasons for her/his undesirable behavior and provide remedies. 105. If students are not able to follow the topic which is being taught in the classroom, the teacher in the classroom should:-A) Illustrate the topic with suitable examples. B)Give them prompt reply. C) Change the contents of the topic. D) Punish them. 106. The most important indicator of quality of education in an educational institute is:-A) Infrastructural facilities of a school. B) Student achievement level. C) Textbook and teaching-learning material. D) Classroom system 107. Kothari Commission Report on Education was entitled as :-B) Diversification of Education A) Learning to be C) Education and National Development D)Education for all.

C) Swami Dayananda

D) Sri Aurobindo

B) S.Radhakrishnan

108. Integral Education Concept is propounded by:-

A) M.K.Gandhi

109.	Navodaya Schools have been established to:-	
	A) Provide good education in rural areas.	B) Increase number of schools in rural areas.
	C) Complete 'Sarva Shiksha Abhiyan'	D) Check wastage of education in rural areas.
110.	Kindergarten system of education was constitu	ted by
	A) T.P.Nunn. B) Froebel	C) Spencer D) Montessori
111.	The main purpose of the new education policy	is:-
	A) To provide equal opportunity of education t	o all. B) To link education with employment
	C) To improve the whole education system	D) To spiritualize the education system
112.	Family is the main agency of:-	
	A) Formal education B) Technical education	C) Secular education D) Informal education
113.	The aim of education should primarily be:-	X
	A) To prepare the students to face the challeng	es of practical life
	B) To develop vocational skills of the students	
	C) To prepare the students for examinations	
	D) To inculcate in them a spirit of cut-throat co	ompetition.
114.	The quality of school level education primarily	depends on :-
	A) International collaboration	B) The quality of teachers' education
	C) Financial provisions	D) Infrastructural facilities.
115.	One of the important theories of moral develop	ments was proposed by:-
	A) Louis Fischer B) Erik Fromm	C)Laurence Kohlberg D) Bertolt Brecht
116.	The name of Yashpal Committee Report (1993	) is:-
	A) I.C.T. in Teacher Education	B) Learning through Moral Values
	C) Learning through Broadcasting	D) Learning without Burden
117.	The term 'kindergarten' means:	
	A) Children's playground	B) Children's school
	C) Children's home	D) Children's theatre
118.		tion is related to the type of discipline which has been
	advocated :-	
	A) By naturalist philosophy	B) In Victorian Era
	C) By pragmatist philosophy	D) In Democratic Era
119.	The heuristic approach is based on :-	
	A) Rote memorization B) Home work	C) Spirit of Inquiry D) Pleasure-seeking
120.	Symposium is a type of:-	
	A) Discovery method B)Lecture method	C)Demonstration method D)Discussion method
47		on – B
41.	वायुमण्डल के प्रदूषण के कारण अम्ल वृष्टि किस द्वारा	
	,	B) मीथेन गैस
	C) ओज़ोन और कार्बन डाइऑक्साइड	D) नाइट्रस ऑक्साइड और सल्फर डाइऑक्साइड

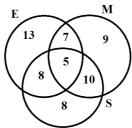
42.		_	ो सतह पर बिन्दु की डिग्रियो			
	A) आदि-रेखांश के पूर्व	अथवा पश्चिम	B) भूमध्यरेखा के उत्तर अथवा दक्षिण			
	C) आदि-रेखांश के केव	ल पूर्व	D) आदि - रेखांश के केवत	न पश्चिम		
43.	बिजली के बल्ब का फिला	मेन्ट किस का बना होता है	:			
	A) लोहा	B) नाइक्रोम	C) टंगस्टेन	D) ग्रेफाइट		
44.	किस विटामिन को हार्मोन	माना जाता है:				
	A) A	B) B	C) C	D) D		
45.		डेयो सिग्नलों के संक्रमण के	-			
	A) आयाम नियंत्रण	B) आवृत्ति नियंत्रण	C) पल्स कोड नियंत्रण	D) समय विभाजन बहुविधकरण		
46.	संविधान की ड्राफ्टिंग सरि	मेति के आगे प्रस्तावना किस	म ने प्रस्तावित की थी:			
	A) जवाहर लाल नेहरू	B) बी. आर. अंबेडकर	C) बी. एन. राव	D) महात्मा गाँधी		
47.	राष्ट्रीय गान कहाँ से लिया	गया है:				
	A) बी. सी. चैटर्जी द्वारा र	चेत भारत विधाता निबन्ध	B) टेगोर द्वारा संपादित प	त्रिका <mark>तोत्वा - बोधिनी</mark>		
	C) बी. सी. चैटर्जी का उप	ग्न्यास दुर्गेश नन्दिनी	D) बी. सी. चैटर्जी का उप	गन्यास आंनद मठ		
48.	बैंक मुख्यतः बैंक चेकों क	ो प्रोसेसिंग में किस डाटा <i>इ</i>	न्पुट विधि का प्रयोग क <mark>रते</mark>	हैं:		
	A) OMR	B) बार कोड रीडर	C) MICR	D) लाइट पेंन		
49.	गुजरात राज्य निर्वाचन अ	ायोग का ब्रांड एमबेसेडर कि	स को नियुक्त <mark>किया गया</mark> है	<del>2</del> :		
	A) अमिताभ बच्चन	B) चेतेश्वर पुजारा	C) राविंदर जडेजा	D) इरफान खाँ		
50.	गोवा में हुए भारत के 44-वें अंतरराष्ट्रीय फिल्म उत्सव (IFFI) में श्लेष्ठ फिल्म की कोटि में गोल्डन पीकॉक पुरस्कार					
	(2013) किस फिल्म को	दिया गया है:	X			
	A) 12 Years a slave		B) Dallas Buyers Clu	ıb		
	C) Gravity		D) Beatriz's War			
51.		(Transparency Inter-	national) के अनुसार, विश	व भ्रष्टाचार प्रत्यक्षण सूचकांक 2013 में		
	भारत का रैंक क्या है:					
	A) 94 - वां		C) 104 - वां	D) 116 - वां		
52.	•••	ग घटक कौन-सा नहीं है:				
	A) जीवन प्रत्याशा		B) शिशु मृत्यु दर			
	C) वास्तविक प्रति व्यक्ति		D) प्रौढ़ साक्षरता दर			
53.	सिन्धु घाटी सभ्यता का बं					
		•	C) बनवाली	D) लोथाल		
54.	विश्व में पहला इलेक्ट्रॉनिव	•				
	, f		· ·	D) इन में से कोई भी नहीं है		
55.	भारत में स्थित किस रेलवे	प्लेटफार्म को हाल ही में वि	वेश्व में सब से बड़ा रेलवे प्ले	टिफार्म घोषित किया गया है:		
	A) खड़गपुर	B) सोनपुर	C) बम्बई वी. टी.	D) गोरखपुर		
56.	स्टेट बैंक ऑफ इन्डिया की	ो पहली महिला अध्यक्ष का	नाम है:			
	A) नयना लाल किदवई	B) चन्दा कोछड़	C) शिखा शर्मा	D) अरूनधति भट्टाचार्य		
57.	कर प्रशासन सुधार आयोग	किस की अध्यक्षता में स्था	पित किया गया है:			
	A) पार्थसार्थी सोमे	B) कौशिक बासू	C) वाई. वी. रेड्डी	D) विजय केलकर		
7DC 20	)005 A	× 1	12 ~	Contd		

58.	बिटकॉइन के बारे में सर्ह	ो क्या है:				
	A) यह उच्च आंतरिक	मूल्य की मुद्रा है	B) यह किसी भी आंतरिक मूल्य	की मुद्रा नहीं है		
		इसे वैध मुद्रा के रूप में र्स्व		•		
	D) इसके आरंभ से लेक	तर बिटकॉइन की कीमत ह	मेशा ही डॉलर से कम रही है			
59.	बर्मूडा त्रिभुज किस जगह	तक जाती है:				
	<ol> <li>दक्षिणी फ्लोरिडा 2.</li> </ol>	. प्वीटो रीको 3.	हवाई द्वीप			
	उपर्युक्त कथनों में से क	ौन सा ∕ से सही है ∕ हैं :				
	-		C) केवल 2 और 3	D) केवल 1 और 3		
60.	प्रसिद्ध पुस्तक 'Chroni	cle of a Corpse Bearer	·' का लेखक कौन है:			
		B) कुलदीप नयर		D) सायरस मिस्त्री		
61.		ऑकी एशिया कप 2013 ज				
	A) दक्षिण कोरिया	B) पाकिस्तान	C) मलेशिया	D) भारत		
62.	किस देश ने 11-वें ICC	े क्रिकिट विश्व कप में पह	हली बार खेलने की अर्हता प्राप्त की	है:		
	A) नेपाल	B) अफगानिस्तान	C) नीदरलैंड	D) UAE		
63.	किस भाषा को केन्द्रीय र	मन्त्रीमण्डल ने हाल ही में भ	नारत की छठी क्लासिकी <mark>भाषा स्वी</mark> क	र किया है:		
	A) मलयालम	B) कन्नड़	C) ओडिया	D) तेलुगु		
64.	किस लेखक को अंग्रेज़ी	में 2013 का साहित्य अक	ादमी पुरस्कार प्रदा <mark>न किया गया</mark> था:			
	A) रस्किन बॉन्ड	B) तमसुला आओ	C) विक्रम सेठ	D) रामचन्द्र गुहा		
65.	भारत के परमाणु-योग्य	रणनीतिक अस्त्र का नाम	ं बताओं जिस के 4000km प्रहार	परास का सफलतापूर्वक परीक्षण		
	किया गया है:					
	A) आकाश	B) पृथ्वी - II	C) अग्नि-IV	D) त्रिशूल		
66.	विश्व बौद्धिक सम्पत्ति दि	B) पृथ्वी – II वस कब मनाया जाता है:				
	A) 24 दिसंबर	B) 26 अप्रैल	C) 29 जून	D) 26 जून		
67.	23 दिसंबर 2013 को सं	पूर्ण भारत में किस के रूप	में मनाया गया था:			
	A) कार्यकारी महिला दि	वस	B) राष्ट्रीय सद्भावना दिवस	B) राष्ट्रीय सद्भावना दिवस		
	C) राष्ट्रीय विज्ञान दिवस		B) राष्ट्रीय सद्भावना दिवस D) किसान दिवस			
68.	किस शहर ने 2012 - 13	के लिए सर्वोत्त्म विरासत	पुरस्कार प्राप्त किया है:			
	A) जयपुर	B) तिरूपथि	C) उदयपुर	D) हैदराबाद		
69.	किस व्यक्ति को 2013	के <mark>लिए गाँधी शान्ति पुरस</mark>	कार दिया गया था:			
	A) एम. एस. स्वामिनाथन	Г	B) एन्जेला मर्केल			
	C) चन्डी प्रसाद भट्ट		D) मेधा पाटेकर			
70.	किस को मिस अर्थ 201	3 का ताज पहनाया गया थ	ग :			
	A) बेआ रोज़ सांटिआगो	B) मारिया गैबरीला इस्ल	तर C) मेगान यंग D) एलिज़ हेन्रि	क		
71.	'Duma' 'रूस' से उसी	तरह संबंधित है जैसे 'Kr	nesset' से संबंधित है:			
	A) मलेशिया	B) अफगानिस्तान	C) फांस	D) जर्मनी		

निर्देश :	(प्रश्न नं. 72 – 73) :	दिए गए चार विकल्पों र	में से एक विकल्प क	ो चुनें जो उसी संबंध को दर्शाता है	जो
	चिन्ह :: की बाईं ओर	दो शब्दों / संख्याओं में	है:		
72.	संदूषण : आहार :: र	संक्रमण : ?			
	A) रोगाणु	B) रोग	C) शरीर	D) दवाई	
73.	42 : 56 :: 110 :	?	,	,	
	A) 132	B) 136	C) 140	D) 120	
74.		जेस का वही <sup>ँ</sup> संबंध है जो ी	देए गए जोडे में है:	,	
	भजन : स्तुति				
	•	B) प्रार्थना : सभा	C) उपासना पद्धति :	अनुष्ठान D) लोरी : बच्चा	
75.				ह बनाते हैं। वह एक कौन-सा है जो	इस
,	समूह से संबंधित नहीं है?			,	~ "
	A) वाल्यूम	B) आकार	C) बड़ा	D) 板प	
76.	अक्षर संख्या अनुक्रम में क	,	C) 491	2) ""	
70.	A) DG2		.6 D) PY8		
77.	/	· /	,	COMPLETE को कैसे लिखा जाता	है:
				UFM D) OLNBFUFM	
78.	-			ys late'; 'gin din cin hin' का मतलब	व है
		_		'drivers stopped all trains' और '	
	•	•		ere late' को कैसे लिखा जाएगा:	
	A) min cin din	B) cin din fin		D) gin hin min	
79.	'YPCUIAT' एक अर्थप्	पूर्ण शब्द के घालमेल अक्षर	हैं। इन अक्षरों को पुन	नः क्रमबद्ध करें और दिए गए विकल्पों मे	iं से
	उस शब्द को चुनें जो पुन:	: क्रमबद्ध शब्द से अर्थ में f	वेरुद्धार्थक हो:		
	A) Surplus B) Sc	arcity C) Pro	esence D)	Richness	
80.	यदि ÷ का मतलब 'से ज्य	ग्रादा'; × का मत <mark>लब 'जमा</mark> ं	'; + का मतलब 'भाग	i'; $-$ का मतलब 'बराबर' है; $>$ का मत	लब
				म्नांकित में से कौन-सा सही है:	
	A) $3+2<4 \div 6>3$	$\times$ 2 B) $3 \times 2 <$	$4 \div 6 + 3 < 2$		
	C) $3 > 2 < 4 - 6 \times 3$	$\times$ 2 D) $3 \times 2 \times$	4 = 6 + 3 < 2		
~ ~			3 0		
	•			प्रार्थी पश्चिम की दिशा में मुँह कर ए	
_				ओर और H, J के दाईं ओर बैठा है।	
				D के दक्षिण की तरफ बैठा है । J,	A
<b>और</b> D				रमियान दो व्यक्ति बैठे हैं।	
81.	निम्नांकित में से कौन निर्वि	<b>श्चेत रूप में एक सिरे पर</b> बै	ठा है:		
	A) C B) H	C) E	<b>D</b> )	) इनमें से कोई भी नहीं है	
82.	I के <mark>बिल्कुल साथ कौन</mark> वै	बैठे हैं			
	A) B और C	B) B और H	C) A और H	D) B और C अथवा B और H	[
83.	यदि G और A अपने स्था	ान एक दूसरे से बदल लें, र	तो E के बिल्कुल पास	कौन है?	
	A) G और F	B) केवल F	C) केवल A	D) F और A	
ZBG-20	)995-A	> 1	14 <	Contd.	

84.	लडकों और लडिकयों	की कक्षा में अजय	कारैंक 12 - वांहै	है और अणु का रैं	क 8-वां है। लडक	ों में अजय का रैंक
		न्यों में अणु का रैंक <sup>ः</sup>		-		
		त 26 - वां है। दूसरे सि		•••	-	
	A) 23 - वां			-	D) इन में से को	ई भी नहीं है
85.	/	n की ओर इशारा कर				
	का उस महिला से क	_	<b>3</b> .,	,		
	A) आंट		C) मार	ता	D) कजन	
86.	/	मतलब है कि A, B	,		, .	बेटी है. 'A–B' का
00.		का बेटा है, तो 'P –				ici e, II B iii
	A) भाई				D) बेटी का बेटा	
07	,	हो में 10 kms दक्षिण				
87.		40 kms जाता है, पि		•		
	-		-			KIIIS जाता ६ जहा
		राम का बैंक उसके घर क्रिक	••			
		पूर्व B) 4.			• •	
88.		न में, उपस्थित 10 लो				य मिलाए गए हाग:
	A) 20 B)	) 45	C) 55	D) 90		
C 7	, .	· · · ·	· · · · · · · · · · · ·	2 2 3 5	; ; c	
	(प्रश्न नं. 89-90)	) : अक्षरो⁄सख्याअ	ि पदी के पटने	को पढ़े और नि	नम्नाकित विकल्प	मिसं गायब पद
मालूम						
89.	IAZ, KEB, ? ,			<b>A</b> ) 1 550		->
	A) MDD			C) MIO		D) MID
90.	266, 339, 528,		20			_,
	/	B) 730	3	/		D) 930
91.	निम्नांकित लड़ी में व	मुछ अक्षर गायब है ज	नो उसी क्रम में एव	क विकल्प के रूप	में नीचे दिए गए ह	है। सही विकल्प को
	चुनें:					
	aac_a_cbab_b_ac			C) alacada		D) askask
00		B) acbaba	<del>),} -}</del>	· ·		D) cabcab
92.		की आयु को सालों र				
	-	को 3 से गुणा करें		-	। 3 गुणा कर इस म	म स घटाए, ता आप
		कि मेरी आयु कितनी	ह। व्याक्त का आ	•		
	A) 18 साल	B) 20 साल		C) 24 साल		D) 32 साल

निर्देश (प्रश्न नं. 93 – 94): 120 विद्यार्थी अंग्रेज़ी (E) गणित (M) और विज्ञान (S) तीन विषयों में परीक्षा में बैठे। जो विद्यार्थी E,M और S में फेल हुए उन की संख्या को नीचे दिए गए रेखाचित्र में दिखाया गया ळें



		$\langle$	8 10 8	
93.	जो विद्यार्थी कम से कम	एक विषय में फेत	ल हुए, उनकी संख्या है:	60
	A) 25	B) 30	C) 60	D) इनमें से कोई भी नहीं है
94.	जो विद्यार्थी अधिक से अ	धिक दो विषयों में	फेल हुए, उन की प्रतिशतता है :	
	A) 20.83	B) 25	C) 45.83	D) 95.83
95.	नीचे दिए रेखाचित्र में कि	तने त्रिभुज हैं:	ŕ	
	A) 17	B) 16	C) 19	D) 21
96.	एक पेंटर ने एक त्रिघाती	बक्से को इस के	विभिन्न मुख <mark>ों को छह</mark> भिन्न रंगों से	। पेंट किया है। लाल मुख पीले और भूरे
	~	-	के आसन्न हैं। गुलाबी मुख हरे मुख ाल के सामने का मुख होगा:	के आसन्न है। भूरा मुख नीचे है। रजित
	A) पीला	B) हरा	C) गुलाबी	D) रजित
97.	दर्पण में देखी घड़ी में सव	ा तीन बजे हैं <mark>। स</mark> ई	हो वक्त क्या है:	
	A) 9.45	B) 9.15	C) 8.45	D) 3.15
98.	एक रेलगाड़ी X, A से श	गम 4 बजे चलती	है और B पर शाम 5 बजे पहुँचती	है। जबिक एक दूसरी रेलगाड़ी Y, B से
	शाम 4 बजे चलती है औ	र A पर शाम 5.3	0 बजे पहुँच जाती है। दोनों रेलगाड़िय	गँ एक दूसरी को कब क्रॉस करेंगी:
	A) शाम 4.36	B) शाम 4.42	C) शाम 4.48	D) शाम 4.50
निर्देश	(प्रश्न नं. 99 – 100) :	एक परिवार के	पाँच सदस्य A,B,C,D, और E	मंगलवार से शनिवार तक दोपहर के
				हैं। कोई दो सदस्य एक ही फल को
			· ·	हैं। A गुरूवार को अनार खाता है।
		•		वार को अनार खाता है। C शनिवार
			ाता है। D बुधवार को अनन्नास	
_	 F शकवार को कौन-सा		<b>~</b>	

99.	E शुक्रवार को क	गैन-सा फल खाता है:
	A) अंगर	B) तरबज

C) सेब

D) अनार

D किस दिन तरबूज़ खाता है: 100.

B) शुक्रवार A) बुधवार

C) शनिवार

D) गुरूवार

ZBG-20995-A

> 16 <

Contd.

101.	यदि कक्षा में जो कुछ पढ़ाया जा रहा है, वह विद्यार्थी को सम	झ में न आ रहा हो, तो अध्यापक के	ते :			
	A) इस की दूसरे तरीके से व्याख्या करनी चाहिए	B) अति अधिक परेशान	होना चाहिए			
	C) यह महसूस करना चाहिए कि वह समय बर्बाद कर रहा है D) विद्यार्थियों पर तरस खाना चाहिए					
102.	कक्षा में प्रभावकारी संचार में क्या बाधा नहीं होगा :					
	A) लम्बा कथन $B)$ सुनिश्चित कथन					
	C) अस्पष्ट कथन D) वह कथन जो श्रोता	ग <del>ों</del> को अपने अपने परिणाम निकालने	की खुल देता हो			
103.	कक्षा के महौल के विशेष संदर्भ में, सुनने का एक मुख्य अवय	व है:	-			
	A) श्रवण B) एकाग्र रहना C) उत्त	ार देना D) समझना और	याद रखना			
104.	विद्यार्थी के आपत्तिजनक व्यवहार को रूपांतरित करने के लिए	, अतिअधिक प्रभावकारी विधि है:				
	A) विद्यार्थी को सज़ा देना					
	B) माता-पिता के नोटिस में लाना					
	C) उस को उस के कार्य के लिए सावधान करना	<b>*</b> • •				
	D) उसके आपत्तिजनक व्यवहार के कारणों को मालूम करना	और इलाज करना				
105.	यदि विद्यार्थी कक्षा में पढ़ाए जा रहे विषय को समझ ना पा रहे	हों, तो अध्यापक को कक्षा मेः				
	A) विषय को उपयुक्त उदाहरणों से समझाना चाहिए B) उनको तुरन्त उत्तर देना चाहिए					
	C) विषय के सारतत्व को बदल लेना चाहिए	D) उन को सज़ा देनी चाहिए				
106.	शिक्षा संस्था में शिक्षा की गुणता का महत्वपूर्ण संकेतक है:					
	A) स्कूल की आधारभूत - संरचना की सुविधाएँ	B) विद्यार्थी का उपलब्धि स्तर				
	C) पाठ्यपुस्तक और अध्यापन-अधिगम सामग्री	D) कक्षा व्यवस्था				
107.	शिक्षा पर कोठारी आयोग रिपोर्ट का शीर्षक क्या था :					
	A) भावी अधिगम B) शिक्षा का विवधीकरण	C) शिक्षा और राष्ट्रीय विकास	D) सर्व शिक्षा			
108.	समाकलित शिक्षा अवधारणा किस ने प्रस्तुत की है:					
	A) एम. के. गाँधी B) एस. राधाकृष्णन	C) स्वामी दयानंद	D) श्री अरबिंदो			
109.	नवोदय स्कूलों का संस्थापन किस के लिए किया गया है:					
	A) ग्रामीण क्षेत्रों में अच्छी शिक्षा प्रदान करने के लिए $B)$ ग्रामीण क्षेत्रों में स्कूलों की संख्या बढ़ाने के लिए					
	C) 'सर्व शिक्षा अभियान' को संपूर्ण करने के लिए D)	ग्रामीण क्षेत्रों में शिक्षा की बर्बादी को	ारोकने के लिए			
110.	शिक्षा की किंडरगार्टन प्रणाली किस द्वारा संघटित की गई थी:					
	A) टी. पी. नन B) फोबेल	C) स्पेन्सर D) मॉन	न्टेसरी			
111.	नई शिक्षा नीति का मुख्य प्रयोजन है:					
	A) सभी को शिक्षा का समान अवसर प्रदान करना	B) शिक्षा को रोज़गार से जोड़ना				
	C) <mark>संपूर्ण शिक्षा व्य</mark> वस्था में सुधार लाना	D) शिक्षा व्यवस्था का अध्यात्मीक	रण करना			
112.	परिवार किस की मुख्य एजन्सी है:		•			
	A) औपचारिक शिक्षा B) तकनीकी शिक्षा C) धर्म	- निरपेक्ष शिक्षा D) अनीपचारिक	शिक्षा			
113.	शिक्षा का लक्ष्य मुख्यतः होना चाहिएः	) ) ( )				
	A) विद्यार्थियों को व्यावहारिक जीवन की चुनौतियों का सामना					
	B) विद्यार्थियों की व्यावसायिक कुशलताओं को विकसित करन	Т				
	C) विद्यार्थियों को परीक्षाओं के लिए तैयार करना					
7DC 22	D) उन के मन में घातक प्रतियोगिता की भावना को बैठाना					
ZBG-20	9995-A > 17 <		Contd.			

114.	स्कूल स्तर की शिक्षा की गुणत	ग मुख्यतः किस	। पर नि	भर करती है:		
	A) अंतरराष्ट्रीय सहयोग		B) अध	व्यापक की शिक्षा	की गुणता	
	C) वित्तीय प्रावधान		D) आ	धारभूत – संरचना	की सुविधाएँ	
115.	नैतिक विकास के एक महत्त्व	वपूर्ण सिद्धान्त	को कि	स ने प्रस्तुत किया	था:	
	A) लूइस फिशर B	) एरिक फ्रॉम		C) लारेंस कोहल	नबर्ग	D) बर्तोल्त ब्रैचत
116.	यशपाल समिति रिपोर्ट (1993	•				
	A) अध्यापक शिक्षा में I.C.		B) नैति	तेक मूल्यों द्वारा	शिक्षा – प्राप्ति	
	C) प्रसारण द्वारा शिक्षा-प्राप्ति		D) भा	र-मुक्त शिक्षा-	प्राप्ति	
117.	'किंडरगार्टन' पद का अर्थ है:					
	A) बच्चों का खेल का मैदान			चों का स्कूल		XU
	C) बच्चों का घर			चों की रंगशाला		
118.	'अधिक लाड-प्यार बच्चे को			-	· · · · · · · · · · · · · · · · · · ·	सब्धित है जिस का समर्थन:
	A) प्रकृतिवादी दर्शन ने किय			•		
	C) व्यावहारिकतावादी दर्शन		D) ला	कतात्रिक युगम	किया गया है	
119.	अन्वेषण उपागम किस पर अ		<del></del>	C) #5	T . T. T. 9 T. T.	D) <del>गान गारि</del>
100	A) रटन कंठस्थकरण परिचर्चा किस का प्रकार है:	B) गृह	काय	C) पूर	<b>७ – ताछ भावना</b>	D) सुख प्राप्ति
120.	भारवया चित्रस का प्रकार है. A) खोज विधि	B) लेक्	ਜ਼ਾ ਜ਼ਿੰ	शे () गर	र्श्गन विधि	D) विचार-विमर्श विधि
	A) MINI MIA	D) (14	पर ।पा	a () 30	रश्च ।पाव	D) विवार - विगरा विवि
				ubject Knowle		
121.	Dimension of a subspa	$ce W = \{ (x,$	y, z,	t): x+z+t=	0, y + z + t =	$0$ } of $\mathbb{R}^4$ is
	(A) 4 (B	3) 3		(C) 1	(D) 2	
122.	If $S = \{ (1, 1, 0), (2, 1, 3) \}$	(a) } is a sub	set of	$\mathbb{R}^3$ then whicl	h one of the fo	ollowing vectors of $\mathbb{R}^3$ is
	not in the linear span	of S?				
	(A) (0, 0, 0) (B	(3, 2, 3)		(C) (1, 2, 3)	(D) (4	-/3, 1, 1)
123.	The set $\{e^{2x}, e^{3x}\}$ for $x \in \mathbb{R}$					
	(A) L.I. over R (B	L.D. over	$\mathbb{R}$	(C) L.I. over	ℝ\{0} (D) n	one of these
124.	Let T: $\mathbb{R}^3 \to \mathbb{R}^2$ be a 1	near trans	forma	tion defined	by $T(x, y, z)$	= (x + y, x - z).  Then
	dimension of null space					
	(A) 1 (B	3) 2		(C) 0	(D) n	one of these
125.	Let T: $\mathbb{R}^2 \to \mathbb{R}^3$ be a line	ear transfo	matic	on defined by	T(x, y) = (x + y)	y, x - y, y). Then Rank
	of T is					
	(A) 3	(B) 2		(C) 0		(D) none of these
126	If A and B are symmetri	` ,	of the	, ,	then (ABt – B	
0.	· ·	) null matr			nmetric (D) n	,
	(1) Symmoute (D	j mun man	ıA	(C) SACW SYI	cuic (D) II	one or these
ZDC (	A000 # 4			10		

127.	If A is skew symmetric	c matrix, then A² is	a	
	(A) null matrix	(B) unitary r	natrix (C) skew syn	nmetric (D) symmetric
128.	If $R = \begin{bmatrix} 1 & 0 & -1 \\ 2 & 1 & -1 \\ 2 & 3 & 2 \end{bmatrix}$ , the			
	(A) [5 6 4]	(B) [5 −3	1] (C) $\begin{bmatrix} 2 & -1 \end{bmatrix}$	$\begin{bmatrix} \frac{1}{2} \end{bmatrix}$ (D) $\begin{bmatrix} 2 & 0 & -1 \end{bmatrix}$
129.	The matrix $\begin{bmatrix} 1 & 2 & 4 \\ 3 & 0 & 6 \\ 1 & 1 & p \end{bmatrix}$	has one Eigen Val	ue equal to 3. The s	um of other two
	Eigen Values is			<b>SO</b>
	(A) $p-2$	( , 1	(C) p	(D) none of these
130.	At what point the line			= 4 <i>x</i> ?
	(A) (1, -2)	(B) (1, -2), (1, 2)	(C) (1, 2)	(D) none of these
131.	The parametric equat its directrix is			1. The Cartesian equation of
	(A) $y = 1$	(B) $x = 1$	(C) $y = 0$	(D) x = 0
132.	The slope of a line, v joining the points P(0			nid-point of the line segment
	(A) $\frac{1}{2}$	(B) $-\frac{1}{2}$	(C) 1	(D) none of these
133.	The value of $x$ for wh	2		re collinear is
		(B) 2	(C) 1	(D) none of these
134.	The distance between	the directrices of t	$\frac{1}{100} = \frac{1}{100} = \frac{1}$	36 is
	(A) $2\sqrt{5}$	(B) √5	(C) $\frac{9}{\sqrt{5}}$	(D) $\frac{18}{\sqrt{5}}$
135.	The distance of the po	oint (2, 3, 4) from th	ne plane $3x - 6y + 2z$	z + 11 = 0 is
		(B) 21		(D) none of these
136.	Let $x$ and $y$ be real number $y$	ambers and $X = \{(x \in X) \mid x \in X\}$	$(x, y) \mid y = \frac{1}{x}, x \neq 0$ , Y	$= \{(x, y) \mid y = -x\} \text{ be two sets}$
	then	·	x x	
	(A) $X \cap Y = X$	(B) $X \cap Y = Y$	(C) $X \cap Y = \emptyset$	(D) none of these
137.	If $f(x) = \sin^2(x) + 3\cos(x)$		(Θ)	(2) 110110 01 011000
20.,	(A) an even function		ı (C) monotonic	(D) none of these
138.				(x) = ax + b, then what values
	should be assigned to			
			(C) 2, -1	(D) -2, -1
ZBG-2	20995-A		19 <	Contd.

139.	What is the inverse o	of the function $y =$	$5^{\log x}$ ?				
	$(A) x = 5^{\frac{1}{\log y}}$	$(B) x = y^{\frac{1}{\log 5}}$	(C) x	= 5 log <i>y</i>	(D) none of these		
140.	The limit of the sequ	uence $S_n = \{ \frac{(3n+1)(n+3)}{n(n+3)} \}$	$\frac{(1-2)}{3}$ is				
	(A) O	(B) 1	(C) 2		(D) 3		
141.	The number of eleme	ents in the set S =	$\{(a, b) \mid 2$	$a^2 + 3b^2 = 35;$	a, b are integers}, is		
	(A) 8	(B) 4	(C) 2		(D) 12		
142.	The series $\sum_{n=1}^{\infty} \frac{n}{e^n}$ is				10		
	(A) not bounded bel	ow (B) conver	gent	(C) divergen	t (D) none of the	se	
143.	The series $\sum_{n=1}^{\infty} \frac{n! 2^n}{n^n}$	s					
	(A) convergent	(B) conditional co	onvergen	t (C) divergen	nt (D) none of the	se	
144.	The limit of the sequ	uence $S_n = \{\frac{3+2\sqrt{n}}{\sqrt{n}}\}$	is				
	(A) O	(B) 1	(C) 2		(D) none of these		
145.	Value of the limit li	$m_{x\to 0} 2x \sin\frac{1}{2x}$ is eq	ual to				
	(A) 1	(B) 0	(C) no	ot defined	(D) none of these		
146.	Which of the followi	ng statement is tr	ue for f(x	$= \sin x^2 \text{ in } (0)$	), ∞) ?		
	(A) $f(x)$ is not uniformly continuous (B) $f(x)$ is not continuous						
	(C) $f(x)$ is not defined	d at some points		(D) none of t	these		
147.	Which one of the following is uniformly continuous in $(0, \infty)$ ?						
	$(A) f(x) = \sin \frac{1}{x}$	(B) $\frac{1}{x}$		(C) $f(x) = \frac{1}{x^2}$	$\frac{1}{2}$ (D) none of the	se	
148.	The function $f(x) =  $	x  + 3 is					
	(A) continuous as well as differentiable on $\mathbb R$						
	(B) not continuous on R						
	(C) continuous but not differentiable anywhere on $\mathbb R$						
	(D) continuous on R	and differentiable	e on R\{0	)}.			
149.	The value of the inte	egral $\int_0^{\frac{\pi}{2}} \frac{\sqrt{\tan x}}{1+\sqrt{\tan x}} dx$	is				
	(A) $\frac{\pi}{2}$	(B) $\frac{\pi}{4}$	(C) $\frac{\pi}{6}$		(D) none of these		
150.	Value of the Integra	$1\int_0^\infty \int_0^\infty e^{-x^2} e^{-y^2} dx$	x dy is				
	(A) $\sqrt{\frac{\pi}{2}}$	(B) $\sqrt{\pi}$	(C) π		(D) none of these		
ZBG-2	20995-A		> 20 <		C	ontd	

151.	Value of the Integra = x is	$1\iint (x^2+y^2)\ dx\ dy\ o$	ver the area bounde	ed by the curves $y = x^2$ and $y^2$		
	(A) $\frac{6}{35}$	(B) $\frac{2}{3}$	(C) $\sqrt{\pi}$	(D) none of these		
152.	The radius of conver	rgence R of the powe	er series $\sum \frac{x^n}{n!}$ is			
	(A) O	(B) 1	(C) 2	(D) none of these		
153.	The decimal number	r 1.2365765765765	7 is equal to the	rational number		
	(A) 123/99	(B) 1235/99	90 (C) 123657/	100000 (D) 123534/99900		
154.	In a school there ar	e 20 teachers who t	each mathematics o	or physics. Of these, 12 teach		
	mathematics and 4	teach both physics	and mathematics. H	ow many teach only physics?		
	(A) 12	(B) 8	(C) 16	(D) none of these		
155.	How many integers	from 1 to 500 are di	visible by at least or	ne of 3, 5 and 7?		
	(A) 271	(B) 266	(C) 337	(D) none of these		
156.	The sup. of the set S	$S = \{2 \sin x - 3 \cos x\}$	is			
	(A) $\sqrt{11}$	(B) $\sqrt{12}$	(C) $\sqrt{13}$	(D) none of these		
157.	Determine for which values of x, the function $y = x^4 - \frac{4x^3}{3}$ is increasing?					
	(A) $1 \le x \le 3$	(B) $x \le 1$	(C) $-\infty \le x \le \infty$	(D) $x \ge 1$		
158.	The value of the lim	it $\lim_{n\to\infty} (n)^{\frac{1}{n}}$ is	7			
	(A) 1	(B) e	(C) $\frac{1}{e}$	(D) none of these		
159.	A stone is dropped in quite lake and waves move in circles at the speed of 5 cm s <sup>-1</sup> . At					
	the instant when the radius of the circular wave is 8 cm, how fast is the enclosed area					
	increasing?					
	(A) $40 \text{ m cm}^2 \text{ s}^{-1}$	(B) 80 π cm <sup>2</sup>	$s^{-1}$ (C) 60 $\pi$ cm <sup>2</sup>	s <sup>-1</sup> (D) none of these		
160.	If $C_r^n = \frac{n!}{r!(n-r)!}$ Then	the sum $C_r^n + C_{r-1}^n$ is	equal to			
	(A) $C_r^{n+1}$	(B) $C_{r+1}^{n}$	(C) $C_{r+1}^{n+1}$	(D) none of these		
161.	If $z_1$ , $z_2$ are two non	-zero complex num	bers such that $ z_1 $	$ z_2  =  z_1  +  z_2 $ then $arg(z_1) -$		
	$arg(z_2)$ is equal to					
	(A) π	(B) $-\pi$	(C) 0	(D) 1		
162.	Common roots of th	e equations $z^3 + 2z^2$	$+2z+1=0$ and $z^{19}$	$185 + z^{100} + 1 = 0$ are		
	(A) $-\omega$ , $-\omega^2$	(B) 1, $\omega$ , $\omega^2$	(C) $-1$ , $\omega$ , $\omega^2$	(D) $\omega$ , $\omega^2$		
7DC 4	20005		M .			

163.	The vector – 4 $\hat{i}$ + 5	$\widehat{\jmath}$ is turned counter	rclockwise through a	n angle	of 1800 and stretched	
	$1\frac{1}{2}$ times. The comp	lex number corresp	onding to the newly	constru	cted vector is	
	(A) $6 - \frac{15}{2}i$	(B) $-6 + \frac{15}{2}i$	(C) $6 + \frac{15}{2}i$		(D) none of these	
164.	If $ z^2 - 1  =  z ^2 + 1$ ,	then z lies on				
	(A) circle	(B) Real axis	s (C) Imagina:	ry axis	(D) ellipse	
165.	The reflection of the	complex number $\frac{4}{1}$	+3i +2i in the straight lin	$e iz = \bar{z}$	is	
	(A) $1 - 2i$	(B) $4 - 3i$	(C) $3 + 4i$		(D) $2 + i$	
166.	If $ z + 4  = 3$ then the	he maximum value	of $ z + 1 $ is		$\mathcal{S}$	
	(A) 10	(B) 4	(C) 0	(D) 6		
167.	The average of the s	quares of the numb	pers 0, 1, 2,, n is	•		
	(A) $\frac{1}{2}$ $n$ $(n + 1)$	(B) $\frac{1}{6}$ $n$ (2 $n$ +1)	(C) $\frac{1}{6}$ (n +1)(2n +1)	(D) no	ne of these	
168.	Mean of five observa	ations is 4 and their	r variance is 5.2. If	three of	them are 1, 2, 6 then	
	other two are					
	(A) 2, 9	(B) 5, 6	(C) 2, 10	(D) 4,	7	
169.	In a frequency distr	ribution, the mean	and median are 21	and 22	respectively, then its	
	mode is approximately					
	(A) 20.5	(B) 25.5	(C) 24		(D) 22	
170.	Mean of 100 observa	ations is 45. It was	later found that two	observa	ations 19 and 31 were	
	recorded incorrectly as 91 and 13, then the correct mean is					
	(A) 44.46	(B) 44	(C) 45		(D) none of these	
171.	The AM of $C_0^{2n+1}$ , $C_1^2$	$C_n^{n+1}, C_2^{2n+1}, \ldots, C_n^{2n+1}$	<sup>1</sup> is			
	$(A) \frac{2^n}{(n+1)}$	(B) $\frac{2^{2n}}{(n+1)}$	(C) $\frac{2^n}{n}$	(D) no	ne of these	
172.				o memb	oers have birthday on	
	Sunday, is					
	(A) $\frac{12 \times 5^3}{7^5}$	(B) $\frac{10\times6^2}{7^5}$	(C) $\frac{2}{5}$		(D) $\frac{10\times6^3}{7^5}$	
173.	A five digit number	,	3		random order without	
	repetitions. Then th					
	(A) 3/5	(B) 18/5	(C) 1/5	(D) 6/	5	
174.	A coin is tossed 3 tir	mes. The probabilit	ty of getting head an	d tail alt	ternatively is	
	(A) 1/4	(B) 1/8	(C) 1/2	(D) 3/	8	
ZBG-2	0995-A	>	22 <		Contd.	

175.	Probability that in a	year of 22 <sup>nd</sup> centu	ry chosen at random	has 53 Sundays, is	
	(A) 3/28	(B) 5/28	(C) 7/28	(D) none of th	ese
176.	Solution of the diffe	rential equation <i>x</i> d	$y - y \mathrm{d}x = \sqrt{x^2 + y^2} \; \mathrm{d}x$	cis	
	(A) $y + \sqrt{x^2 + y^2} = cx$	C	(B) $y + \sqrt{x^2 + y^2} = 0$	$c x^2$	
	(C) $y - \sqrt{x^2 + y^2} = xc$	2	(D) none of these		
177.	The integrating fact	or for $ydx - xdy = 0$	) is		
	(A) $\frac{x}{y}$	(B) $\frac{y}{x}$	(C) $\frac{1}{x^2+y^2}$	(D) none of these	
178.	The directional der	ivative of $\Psi(x, y, z)$	$z) = xy^2 + 4xyz + z^2$	2 at the point (1, 2, 3	) in the
	direction of $3i + 4j$				
	(A) $\frac{78}{5\sqrt{2}}$	(B) $\frac{218}{5\sqrt{2}}$	(C) $\frac{148}{5\sqrt{2}}$	(D) none of these	
179.	A particle moves ald	ong the curve $x = t^3$	$x^3 + 1$ , $y = t^2$ and $z = 2$	t + 5 where $t$ is the tin	ne. The
	component of veloci	ty at $t = 1$ in the di	rection of $\vec{v} = i + j + 3$	3k will be	
	(A) $\sqrt{12}$	(B) $\sqrt{13}$	(C) $\sqrt{10}$	(D) √11	
180.	Area of the triangle	formed by the tips	of the vectors $\vec{a}$ , $\vec{b}$ and	$d \vec{c}$ is	
	(A) $\frac{1}{2}$ ( $\vec{a} - \vec{b}$ ) ( $\vec{a} - \vec{c}$ )	(B) $\frac{1}{2} \mid (\vec{a} - \vec{b}) \times (\vec{a} - \vec{c})$	$\vec{c}$ )   (C) $\frac{1}{2}$   $\vec{a} \times \vec{b} \times \vec{c}$	(D) none of these	
181.	If $\vec{r} = xi + yj + zk$ the	en value of $div$ . $\frac{\vec{r}}{r^3}$ w	vill be		
	(A) 1	(B) 2	(C) 0	(D) none of these	
182.	The value of curl (gr	$(ad f) i.e. \nabla \times \nabla f$ is eq	qual to		
	(A) 1	(B) ∇2 <i>f</i>	(C) $\nabla f \cdot \nabla f$	(D) 0	
183.				4 at the point (-3, 1, 6	).
	$(A) \frac{-6i+j-k}{\sqrt{38}}$	(B) $\frac{-i+j-k}{\sqrt{3}}$	$(C) \frac{-i+2j-k}{\sqrt{6}}$	(D) none of these	
184.	Find the angle of in	tersection of the cu	$y^2 = x \text{ and } x^2 = y$	<i>y</i> at point (1, 1).	
	(A) $\sin^{-1}\frac{3}{4}$	(B) $tan^{-1}\frac{3}{4}$	(C) $tan^{-1}\frac{4}{5}$	(D) none of these	
185.	The local maximum	values of the func	tion $f(x) = 3x^4 + 4x^3 -$	$12x^2 + 12$ are	
	(A) 1	(B) 2	(C) - 2	(D) 0	
186.	The order of the diff	Terential equation $\frac{d}{d}$	$\frac{^2y}{x^2} + 5\left(\frac{dy}{dx}\right)^3 + 9y = 0i$	is	
	(A) 3	(B) 1	(C) 2	(D) 5	
187.	The general solution	n of the differential	equation $(y + x^3) dx$	$+(x+10y^3) dy = 0$ is	
	(A) $4xy + x^4 + 10y^4 =$	= c (B) $4xy + x$	$4 + y^4 = c (C) 4xy + y^4$	= c (D) none of th	ese
ZBG-2	20995-A	>	> 23 <	•	Contd.

188.	Every I	nomogeneous equ <i>a</i>	ttion f(x, y, z) =	0 repre	esents			
189.	(C) Cyli	nere with centre at inder ferential equation	<u> </u>	(D) No	one with vertex one of these rough the orig		igin	
	(A)	$y = \sqrt{x}  \frac{dy}{dx}$	(B) $\frac{dy}{dx} = x + y$	y	(C) $\frac{dy}{dx} = y - x$		(D) none of these	
190.	How m	any terms of the C	$\frac{3}{2}, \frac{3}{4}, \dots,$	are nee	eded to give the	e sum	$\frac{3069}{512}$ ?	
	(A) 8	(B) 1	.0	(C) 9		(D) no	one of these	
191.	If altitu	ides of a triangle a	re in AP then s	sides of	the triangle a	re in		
	(A)	GP	(B) AP		(C) HP		(D) AG	
192.	In an a	arithmetic progress	sion sum of te	rms, eq	uidistant fron	the 1	b <mark>eginning and th</mark> e e	nd
	is equa	ıl to the						
193.		t term (B) First ter , log (2 <sup>n</sup> – 1), log (2	• •		• •	f the f	irst and last term	
	(A)	$\log_2 5$	(B) $\log_3 5$		(C) 5		(D) 2 <sup>5</sup>	
194.	Numbe	er of subsets of a fi	nite set with $n$	elemen	its are			
195.	(A) If cos <sup>2</sup>	$2^n$ A + $\cos^2 C = \sin^2 E$	(B) n! Is then triangle		(C) n <sup>2</sup>		(D) $n^n$	
	(A)	equilateral	(B) right ang	gled	(C) isosceles		(D) none of these	
196.	Let R =	$\{(x, y) \mid x + 2y =$	8 } be a relation	n on N,	then domain	of R is	<b>F</b>	
	(A)	{1, 2, 3}	(B) {1, 2, 3,	4, 5, 6}	(C) {2, 4, 6}		(D) {1, 3, 5}	
197.	If ω is a	a cube root of unit	y then ω is equ	al to				
	(A)	3	(B) $\frac{1-i\sqrt{3}}{2}$		(C) $\frac{1+i\sqrt{3}}{2}$		(D) $\frac{-1+i\sqrt{3}}{2}$	
198.	If $x^2 - 3$	3 x  + 2 < 0 then	x belongs to					
	(A)	$(-2,-1)\cup(1,2)$	(B) (-2, 1)		(C) (-2, 2)		(D) none of these	
199.	The lar	gest <mark>interval, am</mark> o	ng the followin	g, for w	which $x^{12} - x^9 +$	$x^4 - x$	z + 1 > 0 is	
	(A)	(-4,0)	(B) (0, ∞)		(C) (-4, 4)		(D) (- 100, 100)	
200.	The val	lue of $\sin$ ( $\cot^{-1}x$ ) is	:					
	(A)	$\sqrt{1+x^2}$	(B) <i>x</i>		$(C) \frac{1}{\sqrt{1+x^2}}$		(D) $\frac{1}{x}$	

## Section – C (Subject Knowledge)

121.	$\mathbb{R}^4$ की उपसमीप		t): x+z+t=0	0, y+z+t=0	} का घात है:	
	A) 4	B) 3	C)	1	D) 2	
122.	यदि S = { (1,	, 1, 0), (2, 1, 3)	} ℝ³का उप-सैट	है, तो $\mathbb{R}^3$ का कौन	ा सा निम्नांकित वेक्टर, S	का रैखिक स्पैन
	नहीं है:					
	(A) (0, 0, 0)	(B) (3, 2	2, 3) (C	) (1, 2, 3)	(D) (4/3, 1, 1)	
123.	$x \in \mathbb{R}$ के लिए	सेंट $\{e^{2x}, e^{3x}\}$ है	t:			
	A) L.I ओवर	<b>ℝ</b> B) L.D	ओवर <b>ℝ</b> C)	L.I ओवर <b>ℝ</b> \{0	) D) इनमें से को	ई भी नहीं है
124.	मान लें T(x, y	(x, z) = (x + y, x - 1)	z) द्वारा परिभाषित रै	खिक रूपांतरण T:	$\mathbb{R}^3  o \mathbb{R}^2$ तो $T$ के न	ल स्पे <mark>स</mark> का घात
	है:					
	A) 1	B) 2	C) 0	D)	इन में से कोई भी नहीं है	
125.	मान लें T(x, y	(x+y, x-y,	$y$ ) द्वारा परिभाषित ${}^{5}$	रैखिक रूपांतरण T:	$\mathbb{R}^2  o \mathbb{R}^3$ तो $T$ का रैंक	है:
	A) 3	B) 2	C) 0	D)	इन में से कोई भी नहीं है	
126.	यदि A और B	समान घात के सममि	त मेट्रिक्स हैं, तो (A	AB <sup>t</sup> – BA <sup>t</sup> ) है		
	A) सममित	B) नल मेट्रिक्स	C)	विषम सममित	D) इनमें से कोई भी	नहीं है
127.	यदि A विषम र	तममित मेट्रिक्स है, तो	$A^2$ है:	10		
	A) नल मेट्रिकर	स B) ऐकिव	n मेट्रिक्स C)	विषम मेट्रिक्स	D) सममित मेट्रिक्स	
128.	$\frac{1}{\sqrt{2}}$ D = $\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 0 & -1 \\ 1 & -1 \\ 3 & 2 \end{bmatrix}$ तो $R^{-1}$ की	ने कीर्ष मंदिन है.			
120.	414 K - 12 2	$\begin{bmatrix} 1 & -1 \end{bmatrix}$ (ii K $\begin{bmatrix} 4 \\ 3 \end{bmatrix}$	। शाप पापत हैं:			
	(A) [5 6 4]	] (B) [5	-3 1] (C	$\begin{bmatrix} 2 & -1 & \frac{1}{2} \end{bmatrix}$	(D) [2 0 -1]	
129.	मेट्रिक्स 3 0	6 का एक वास्ति	क मूल्य (Eigen v	alue) 3 के बराबर	है। अन्य दो वास्तविक मूल	यों का जोड़ है:
	L	P 3			इनमें से कोई भी नहीं है	
130.		$\frac{\mathbf{D}}{\mathbf{y}} = \mathbf{r}$			इनम् स समझ मा नला ल	
100.					इनमें से कोई भी नहीं है	
131. /					का कार्टेज़ियन समीकरण	है .
101.		B) $x = 1$			an ancional danage	ч.
132.					ाले रेखा-खंड के मूल औ	र मध्य-बिन्दु से
	गुज़रती है, है:			•	~	9
	A) $\frac{1}{2}$		C) 1	D) स <del>्यक्</del> रें के	कोर्न भी जहीं है	
	2	2			पगइ मा महा ह	
133.		ास के लिए $(x, -1)$ ,				
	A) –1	B) 2	C) 1	D) इनमें से	कोई भी नहीं है	
ZBG-2	0995-A		> 25 <			Contd.

134.	दीर्घवृत्त $9x^2 + 4y^2 = 36$	के नियन्ताओं के दरमियान	द्री है:	
	(A) $2\sqrt{5}$	(B) $\sqrt{5}$	(C) $\frac{9}{\sqrt{5}}$	(D) $\frac{18}{\sqrt{5}}$
135.	समतल $3x - 6y + 2z + 1$	1 = 0 से बिन्दु (2,3,4) व	की दूरी है:	
	A) 1	B) 21	C) 10 D) इ	नमें से कोई भी नहीं है
136.	मान लें $x$ और $y$ वास्तविक	संख्याएँ हैं और $X = \{(x,$	y) $  y = \frac{1}{x}, x \neq 0 \}, Y$	$= \{(x, y) \mid y = -x\}$ दो सैट हैं, तो
	A) $X \cap Y = X$	B) $X \cap Y = Y$	C) $X \cap Y = \phi$	D) इनमें से कोई भी नहीं है
137.	यदि $f(x) = \sin^2(x) + 3$	$\cos x - 5$ , तो $f(x)$ है:		
	A) समफलन B) विषम	ा फलन C) एक	समान D) इन	ा में से कोई भी नहीं है
138.	यदि g = {(1, 1), (2, 3),	(3, 5), (4, 7), g(x) =	=ax+b, द्वारा वर्णित फ	लन है, तो $a$ और $b$ को क्या मूल्य देने
	चाहिए : -			
	(A) 1, 1	(B) 1, -2	(C) 2, -1	(D) -2, -1
139.	फलन $y = 5^{\log x}$ का प्रति			
	$(A) x = 5^{\frac{1}{\log y}} $	$B) x = y^{\frac{1}{\log 5}}$	(C) $x = 5 \log y$	D)इनमें से कोई भी नहीं है
140.	$S_n = \left\{ \frac{(3n+1)(n-2)}{n(n+3)} \right\}$ अनुव	<b>म की सीमा</b> है:		
	(A) O	(B) 1	(C) 2	(D) 3
141.	सैट $S = \{(a, b)   2a^2 + 3a^2 + 3a$	3 b2 = 35; a, b पूर्णांक	हैं }, में अवकलों की व	संख्या है:
	A) 8	B) 4	C) 2 D) 12	2
142.	श्रेणी $\sum_{n=1}^{\infty} \frac{n}{e^n}$ है:			
	A) नीचे से अपरिबंध	B) अभिसारी	C) अपसारी	D) इन में से कोई भी नहीं है
143.	श्रेणी $\sum_{n=1}^{\infty} \frac{n!2^n}{n^n}$ है			
	A) अभिसारी	B) प्रतिबंधक अभिसारी	C) अपसारी	D) इन में से कोई भी नहीं है
144.	अनुक्रम $S_n = \{\frac{3+2\sqrt{n}}{\sqrt{n}}\}$	की सीमा है:		
	A) 0	B) 1	C) 2	D) इनमें से कोई भी नहीं है
145.	सीमा $\lim_{x\to 0} 2x \sin\frac{1}{2x}$ क	ा <mark>मू</mark> ल्य बराबर है:		
	A) 1 B) 0		है D) इ	नमें से कोई भी नहीं है
146.	$(0, \infty) \dot{\mathbf{H}} f(x) = \sin x^2 \ddot{\mathbf{G}}$	के लिए कौन-सा कथन स	ाही है:	
•	<ul><li>A) f(x) एकसमान अखण्ड</li></ul>	इ नहीं ह <u>ै</u>	B) $f(x)$ अखण्ड नहीं है	
	C) कुछ बिन्दुओं पर $f(x)$	परिभाषित नहीं है	D) इनमें से कोई भी न	हीं है
147.	$(0,\infty)$ में कौन-सा एकस			
	$(A) f(x) = \sin \frac{1}{x}$	(B) $\frac{1}{x}$ (C) $f(x)$	$= \frac{1}{x^2} \qquad \qquad D) \ \ \xi$	नमें से कोई भी नहीं है

148.	फलन $f(x) =  x  + 3$ है	t:		
	A) ℝ पर अखण्ड और अ		В) ℝ पर अखण्ड न	हीं
	,			और ℝ\{0} पर अवकलनीय
149.	समाकल $\int_0^{\frac{\pi}{2}} \frac{\sqrt{\tan x}}{1+\sqrt{\tan x}} dx$		,	( )
	(A) $\frac{\pi}{2}$ (B) $\frac{\pi}{4}$		D) दनमें से कोर्द भी	ो नहीं है
	2 1	U	<i>D)</i>	1 161 6
150.	समाकल $\int_0^\infty \int_0^\infty e^{-x^2} e^{-y^2}$			
	(A) $\sqrt{\frac{\pi}{2}}$ (B) $\sqrt{\pi}$	(C) π	D) इनमें से कोई भी	नहीं है
151.	$y = x^2$ और $y^2 = x$ वक्रों	द्वारा बद्ध क्षेत्रफल पर रुम	ाकल $\iint (x^2 + y^2) dx$	lx dy का मूल्य है:
	(A) $\frac{6}{35}$ (B) $\frac{2}{3}$	(C) $\sqrt{\pi}$	D) इनमें से कोई भी	ो नहीं है
152.	घात श्रेणी $\sum \frac{x^n}{n!}$ का अभिस			
	A) 0	B) 1 C) 2	D) इनमें से	कोई भी नहीं है
153.	दशमलव संख्या 1.23657	657657657 बराब	ार है परिमेय संख्या:	
	( )		i i	57/100000 (D) 123534/99900
154.	•.			से, 12 गणित पढ़ाते हैं और 4 गणित और
	भौतिकी पढ़ाते हैं। केवल भ			
	,			इनमें से कोई भी नहीं है
155.	1 से 500 तक कितने पूर्णां	क 3,5 और 7 में से कम		
	,	B) 266	C) 337 D)	इनमें से कोई भी नहीं है
156.	सैट S = $\{2 \sin x - 3 \cot x - 3 $			2.2.2.2.2.2.2
				इनमें से कोई भी नहीं है
157.	निर्धारित करें कि $x$ के वि	न मूल्यों के लिए फलन	$y = x^4 - \frac{4x^5}{3}$ बढ़	रहा है:
	(A) $1 \le x \le 3$	(B) $x \le 1$	(C) $-\infty \le x \le \infty$	(D) $x \ge 1$
158.	सीमा $\lim_{n\to\infty} (n)^{\frac{1}{n}}$ का मू	्ल्य है:		
	(A) 1	(B) <i>e</i>	(C) $\frac{1}{e}$ D)	इनमें से कोई भी नहीं है
159.	एक शान्त झील में पत्थर	फेंका जाता है और तरंगे	ं वृत्तों में 5cm s <sup>-1</sup>	की गति से चलती हैं। एक क्षण पर जब
	वृत्ता <mark>का</mark> र तरंग का व्यासार्ध	8cm है, तो परिबद्ध क्षेत्र	कितनी तेज़ी से बढ़ रह	ग है:
	(A) $40 \pi \text{ cm}^2 \text{ s}^{-1}$	(B) $80 \ \pi \ cm^2 \ s^{-1}$	(C) $60  \pi  \text{cm}^2  \text{s}^{\text{-}1}$	D) इनमें से कोई भी नहीं है
160.	यदि $C_r^n = \frac{n!}{r!(n-r)!}$ तो	$\mathcal{C}^n_r$ + $\mathcal{C}^n_{r-1}$ का जोड़ बराब	र है:	
	(A) $C_r^{n+1}$	(B) $C_{r+1}^{n}$	(C) $C_{r+1}^{n+1}$	D) इनमें से कोई भी नहीं है
161.	यदि $z_1, z_2$ दो गैर-शून्य र			$z_2$   तो $rg(z_1)$ – $rg(z_2)$ बराबर है:
	(A) π	(B) $-\pi$	(C) 0	(D) 1
ZBG-2	0995-A	> 2	7 <	Contd.

162.			$985 + z^{100} + 1 =$		ार्व मूल हैं: (D) ω, ω <sup>2</sup>	
			$\omega$ , $\omega^2$ (C			, ,
163.		_	_	क्षिणावत्ते घुमा दिया	जाता है और 1½ गुना प	भैला दिया जाता
		र के अनुरूप सम्मिश				
	2		2	-	इनमें से कोई भी नहीं है	
164.	यदि $ z^2 - 1  =$	$ z ^2 + 1$ , तो z	किस पर स्थित होगा	:		
	A) वृत्त	B) वास्त	विक अक्ष C	काल्पनिक अक्ष	D) इनमें से कोई भी	नहीं है
165.	एक सीधी रेखां ए	$z=ar{z}$ में सम्मिश्र र	संख्या $\frac{4+3i}{1+2i}$ का पराव	र्तन है:	<b>c.</b> (	
	(A) $1 - 2i$		(B) 4 – 3 <i>i</i>	(C) $3 + 4i$	(D) $2 + i$	
166.	यदि $ z + 4  =$	3 तो  z+1  व	का अधिकतम मूल्य	है:		
	A) 10	B) 4	C) 0	D) 6		
167.	0,1,2,, n सं	ख्याओं की वर्गों क	। औसत है:			
	(A) $\frac{1}{2}$ n (n +1)	(B) $\frac{1}{6}$ n (2r	$(C)^{\frac{1}{6}}$	(+1)(2n+1)	D) इनमें से कोई भी नहीं	है
168.					2,6 हैं, तो अन्य दो हैं:	
	A) 2,9	B) 5,6	C) 2,10	D)		
169.	आवृत्ति वितरण मे	i, माध्य और माध्यि	का, क्रमश: 21 और	<b>22 हैं, तो इसका</b> ब	हुलक लगभग है:	
	A) 20.5	B) 25.5	C	24 D)	22	
170.	100 प्रेक्षणों का र	माध्य 45 है। बाद	में मालूम हुआ कि ।	9 और 31 दो प्रेक्षण	ों को 91 और 13 के रूप	में ग़लत रिकार्ड
	किया गया था, ते	ो सही माध्य है:				
	A) 44.46	B) 44	C) 45	D) इनमें से	कोई भी नहीं है	
177.		$C_2^{2n+1}, \ldots, C_n^{2n}$				
	$(A) \frac{2^n}{(n+1)}$	(B) $\frac{2^{2n}}{(n+1)^n}$	$\frac{1}{n}$ (C) $\frac{2^n}{n}$	D) इनमें से	कोई भी नहीं है	
172.	यह संभावना कि	5 सदस्यों के एक	परिवार में, दो सदस्यों	का जन्मदिन ठीक	ठीक इतवार को है, है :	
	(A) $\frac{12\times5^3}{7^5}$		(B) $\frac{10\times6^2}{7^5}$			
173.	एक बेतरतीबे क्र	म में बिना दोहराए	1,2,3,4,5 अंकों के	प्रयोग से एक 5	अंकों की संख्या बनाई जार्त	ो है। वह संख्या
	4 द्वारा भाज्य है,	इसकी संभावना है:				
	A) 3/5	B) 18/5	C) 1/5	D)	6/5	
174.	एक सिक्के को	3 बार उछाला जात	॥ है। वैकल्पिक तौर	पर चित्त और पट	आने की संभावना है:	
	A) 1/4	B) 1/8	C) 1/2	D)	3/8	
175.	22 - वीं शताब्दी	में यादृच्छिक ढंग	से चुने एक वर्ष में	53 इतवार होने की	संभावना है:	
	A) 3/28	B) 5/28	C) 7/28	D)	इनमें से कोई भी नहीं है	

> 28 <

Contd.

ZBG-20995-A

176.	अवकल समीकरण $x dy - y dx = \sqrt{x^2 + y}$	$\overline{y^2}  \mathrm{d}x$ क	ा हल है:			
	(A) $y + \sqrt{x^2 + y^2} = cx$		(B) $y + \sqrt{x^2 + 1}$	$\overline{ y^2 } = c$	$cx^2$	
	(C) $y - \sqrt{x^2 + y^2} = xc^2$		(D) इनमें से को	ई भी नही	ों है	
177.	y dx - x dy = 0 के लिए समाकलक फल	ान है:				
	(A) $\frac{x}{y}$ (B) $\frac{y}{x}$ (C) $\frac{x^{2}}{x^{2}}$		D) इनमें से को	ोई भी नह	हों है	
178.	3i + 4j - 5k की दिशा में बिन्दु (1,2,3)	. ,				व्युत्पादक है:
	(A) $\frac{78}{5\sqrt{2}}$ (B) $\frac{218}{5\sqrt{2}}$		4.0			
179.	एक कण वक्र $x = t^3 + 1$ , $y = t^2$ and	$\mathbf{z} = 2t$	+ 5 के साथ च	गलता है ज	जहाँ पर t समय है।	$\vec{v} = i + j + 3k$
	दिशा में t=1 पर वेग का घटक होगा:					
	(A) $\sqrt{12}$ (B) $\sqrt{1}$	<del>-</del>	(C) √1	10	(D) √11	<b>&gt;</b>
180.	वेक्टरों $\vec{a}$ , $\vec{b}$ and $\vec{c}$ के अग्रभागों द्वारा बन	ाई त्रिभुज व	का क्षेत्रफल है:			
	(A) $\frac{1}{2} (\vec{a} - \vec{b}) (\vec{a} - \vec{c})$ (B) $\frac{1}{2}   (\vec{a} - \vec{b}) \rangle$	$\langle (\vec{a} - \vec{c})  $	(C) $\frac{1}{2} \mid \vec{a} \times \vec{b}$	$\times \vec{c}$	D) इनमें से कोई	भी नहीं है
181	यदि $\vec{r} = xi + yj + zk$ तो $div. \frac{\vec{r}}{r^3}$ का	मूल्य होगाः		1		
	A) 1 B) 2 C) 0	]	D) इनमें से <mark>क</mark>	ई भी नह	हीं है	
18 <b>2</b> .	$curl(grad f)$ i.e. $\nabla \times \nabla f$ का मूल्य बराव	बर है:		U		
	(A) 1 (B) $\nabla^2$	ef	(C) ∇ <i>j</i>	$\nabla f$	(D) 0	
183.	$(-3, 1, 6)$ बिन्दु पर $x^2 + y - z = 4$ सम	नतल सतह	के लिए यूनिट र	सामान्य वे	क्टर मालूम करें:	
	(A) $\frac{-6i+j-k}{\sqrt{38}}$ (B) $\frac{-i+j-k}{\sqrt{3}}$		(C) $\frac{-i+2j-k}{\sqrt{6}}$		D) इनमें से कोई	भी नहीं है
184.	(1,1) बिन्दु पर $y^2 = x$ और $x^2 = y$ वक्रों	का प्रतिच्छे	द कोण मालूम व	करें:		
	(A) $\sin^{-1}\frac{3}{4}$ (B) $\tan^{-1}\frac{3}{4}$		(C) $tan^{-1}\frac{4}{5}$	D) इन	नमें से कोई भी नहीं	है
185.	फलन $f(x) = 3x^4 + 4x^3 - 12x^2 + 12$	के सीमित	अधिकतम मूल्य	हैं:		
	A) 1 B) 2	C) -2		D) 0		
186.	अवकल समीकरण $\frac{d^2y}{dx^2} + 5\left(\frac{dy}{dx}\right)^3 + 9 y =$	= 0 काघ	ात है:			
	A) 3 B) 1	C) 2		D) 5		
187.	अवकल समीकरण $(y + x^3) dx + (x + 1)$	$0y^3$ ) $dy$	= 0 का सामान्य	हल है:		
	(A) $4xy + x^4 + 10y^4 = c$		$y + \chi^4 + y^4 = 0$			
	$(C) 4xy + y^4 = c$	D) इनमे	ां से कोई भी नह	हीं है		
188	हरेक समधाव समीकरण $f(x, y, z) = 0$ नि	ारूपित करत	ना है:			
_	, J		न्दु पर केन्द्र सी	•		
	C) बेलन	D) इनमे	ों से कोई भी नह	हीं है		

189.	मूलबिन्दु से गुज़रती सभी रे	खाओं का अवकल समीकर	ण है					
	(A) $y = \sqrt{x} \frac{dy}{dx}$	(B) $\frac{dy}{dx} = x + y$	(C) $\frac{dy}{dx} = y - x$	D) इनमें से कोई भी नहीं है				
190.	G. P. $3, \frac{3}{2}, \frac{3}{4},, \Rightarrow 1$	केतने पदों की ज़रूरत है ि	के जोड़ <sup>3069</sup> हो जाए					
	A) 8 B) 10	C) 9	D) इनमें से कोई भी	नहीं है				
191.	यदि त्रिभुज के शीर्षलम्ब 🛭	$\Lambda P$ में हैं, तो त्रिभुज की भु	<b>जाएँ किस में</b> हैं:					
	A) GP B) Al			AG				
192.	अंकगणितीय श्रेणी में आरं		·	3 3 5				
	,	,		पहले और अंतिम पद का जोड़				
193.	यदि log 2, log (2n - 1	,	हैं, तो ${f n}$ बराबर है:	X				
	(A) $\log_2 5$	(B) $\log_3 5$	(C) 5	(D) 2 <sup>5</sup>				
194.	n घटकों सहित परिमित से	ट के उप-सेंटों की संख्या	एँ हैं:					
	(A) 2 <sup>n</sup>	(B) n!	(C) $n^2$	(D) $n^n$				
196.	यदि cos <sup>2</sup> A + cos <sup>2</sup> C	= sin <sup>2</sup> B तो त्रिभुज AB	C है:	<b>*</b>				
	A) समभुज	B) समकोण	C) समद्विबाहु D)	इनमें से कोई भी नहीं है				
196.	मान लें $R = \{ (x, y) \mid$	$x + 2y = 8$ $\mathbb{N}$ , पर सं	बंध है, तो R का प्रान्त	है:				
	(A) $\{1, 2, 3\}$	(B) {1, 2, 3, 4, 5, 6}	(C) {2, 4, 6}	(D) {1, 3, 5}				
197.	यदि $\omega$ इकाई का घनमूल है, तो $\omega$ बराबर है:							
	(A) 3	(B) $\frac{1-i\sqrt{3}}{2}$	(C) $\frac{1+i\sqrt{3}}{2}$	(D) $\frac{-1+i\sqrt{3}}{2}$				
19.8.	यदि $x^2 - 3  x  + 2 <$	0 तो x किस से संबंधित	ा है:					
•	(A) $(-2, -1) \cup (1, 2)$	(B) (-2, 1)	C) (-2, 2)	D) इनमें से कोई भी नहीं है				
199.	निम्नांकित में सब से बड़ा	अंतराल, जिस के लिए $\chi^{12}$	$-x^9+x^4-x+1>$	→ 0 है:				
	(A) (-4,0)	(B) (0, ∞)	(C) (-4,4)	(D) (- 100, 100)				
200.	Sin $(\cot^{-1} x)$ का मूल्य	₹:						
	$(A) \qquad \sqrt{1+x^2}$	(B) x	(C) $\frac{1}{\sqrt{1+x^2}}$	(D) $\frac{1}{x}$				

#### **Instructions:**

- 1. Write your roll number on the Question Booklet and also on the OMR Answer Sheet only in the space provided and nowhere else.
- 2. Enter the Question Booklet Number and Series on the OMR Answer Sheet by darkening the corresponding bubbles with Black/Blue Ball Point Pen only.
- 3. To open the Question Booklet, remove the Staple Pin gently.
- 4. Check that the Question Booklet contains 200 Objective Type questions with multiple choice answers. In case of any discrepancy, inform the Invigilator within 10 minutes of the start of test.
- 5. Each question has four alternative answers A, B, C & D, of which only one is correct. Darken only one bubble A, B, C or D, whichever you think is the correct answer, on the OMR Answer Sheet with BLACK/BLUE BALL POINT PEN only.
- 6. All questions are of 1 mark each. **THERE IS NEGATIVE MARKING**. 1/4 marks will be deducted for every wrong answer.
- 7. Rough work is to be done on the question booklet only.
- 8. Do not make any identification mark on the OMR Answer Sheet or Question Booklet.
- 9. The Answer Sheet is designed for computer evaluation. If the instructions are not followed properly, the candidate alone shall be responsible for the resultant loss so caused.
- 10. After the test, hand over the Question Booklet and OMR Answer Sheet to the Invigilator on duty.
- 11. Telecommunication equipments, such as calculators, pager, cellular phone, wireless & blue tooth devices etc. and weapons are not permitted inside the examination hall.
- 12. Nothing is to be copied/noted from the given OMR Answer Sheet and Question Booklet, and be taken out of the Examination Hall. Any candidate found doing so would be expelled from the examination.
- 13. A candidate who creates disturbance of any kind or changes his/her seat, or is found in possession of any paper possibly of any assistance, or found giving or receiving assistance, or found using any other unfair means during the examination will be expelled from the examination. The decision of the Observer shall be final.
- 14. The candidates will not be allowed to leave the Examination Hall before the expiry of time.

Key PGT(MATHS-9) 1.6.2014

Q.No.	Ans.								
1	В	41	D	81	С	121	D	161	С
2	D	42	A	82	D	122	С	162	D
3	A	43	C	83	C	123	C	163	A
4	В	44	В	84	C	124	A	164	С
5	D	45	С	85	В	125	В	165	A
6	В	46	A	86	D	126	С	166	D
7	D	47	D	87	A	127	D	167	В
8	A	48	С	88	В	128	В	168	D
9	С	49	В	89	D	129	A	169	C
10	D	50	D	90	A	130	С	170	A
11	С	51	A	91	С	131	D	171	В
12	D	52	В	92	A	132	В	172	D
13	D	53	D	93	С	133	C	173	C
14	В	54	С	94	D	134	D	174	A
15	D	55	D	95	A	135	A	175	В
16	В	56	D	96	В	136	C	176	В
17	С	57	A	97	С	137	A	177	С
18	D	58	В	98	A	138	С	178	A
19	A	59	В	99	В	139	В	179	D
20	C	60	D	100	D	140	D	180	В
21	A	61	A	101	A	141	A	181	С
22	В	62	В	102	В	142	В	182	D
23	C	63	C	103	C	143	A	183	A
24	D	64	В	104	D	144	C	184	В
25	A	65	C	105	A	145	В	185	D
26	В	66	В	106	В	146	A	186	C
27	C	67	D	107	C	147	C	187	A
28	D	68	В	108	D	148	D	188	В
29	A	69	C	109	A	149	В	189	D
30	В	70	D	110	В	150	С	190	В
31	C	71	В	111	С	151	A	191	С
32	D	72	С	112	D	152	В	192	D
33	A	73	A	113	A	153	D	193	A
34	В	74	A	114	В	154	В	194	A
35	C	75	A	115	C	155	A	195	В
36	D	76	С	116	D	156	С	196	С
37	A	77	В	117	A	157	D	197	D
38	В	78	В	118	В	158	A	198	A
39	C	79	A	119	C	159	В	199	В
40	D	80	В	120	D	160	A	200	С