Total Printed Pages: 13]

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LA - 2014

SET CODE – II



D		Sr. No. 34656
Time: 90 Minutes]	Total Questions: 100	[Max. Marks : 100
Candidate's Name		Date of Birth
Father's Name	Mother's Name	
Roll No. (in figures)	(in words)	
Date of Exam.	MANAGEMENTA AND AND AND AND AND AND AND AND AND AN	
(Signature of the Candidate)		(Signature of the Invigilator)

Candidates MUST read the following instructions carefully before starting the question paper. प्रश्न-पत्र हल करने से पूर्व, अभ्यर्थीगण निम्नलिखित अनुदेशों को ध्यानपूर्वक पढ़ लें।

- All questions are compulsory. All questions carry equal marks. सभी प्रश्न अनिवार्य हैं। सभी प्रश्नों के अंक समान हैं।
- 2. Before answering the questions, the candidates should ensure that they have been supplied complete question booklets. Complaints, if any, regarding misprinting etc. will not be entertained 15 minutes after the start of the test.
 - प्रश्न-पत्र हल करने से पूर्व, अभ्यर्थीगण यह सुनिश्चित कर लें, कि उन्हें पूरी प्रश्न-पत्रिका मिली है तथा उसमें छपाई संबंधी आदि कोई त्रुटि नहीं है। परीक्षा शुरू होने के **15** मिनट बाद इस संदर्भ में कोई शिकायत नहीं सुनी जाएगी।
- 3. In case there is any discrepancy in any question(s) in the Question Booklet, the same may be brought to the notice of the **Controller of Examinations** in writing within two hours after the test is over. No such complaint(s) will be entertained thereafter.
 - यदि प्रश्न-पत्र में किसी प्रश्न से सम्बन्धित कोई त्रुटि हो तो उस बारे में लिखित सूचना / शिकायत परीक्षा समाप्त होने के *दो घण्टे के* अन्दर-अन्दर, परीक्षा नियंत्रक की सूचना में लाई जाए। इसके उपरान्त ऐसी किसी भी सूचना / शिकायत पर कार्यवाही नहीं होगी।
- 4. The candidates *must return* the complete question booklet and the OMR Answer-Sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means/misbehaviour will be registered against him/her, in addition to lodging of an FIR with the police. Further the answer-sheet of such candidate will not be evaluated.
 - परीक्षा हॉल छोड़ने से पूर्व सभी अभ्यर्थीगण अपनी पूरी प्रश्न-पत्रिका व ओ० एम० आर० उत्तर-पत्र सम्बन्धित निरीक्षक को देकर ही जाएँ अन्यथा उनके विरुद्ध अनफेयर मीन्स/दुर्व्यवहार का केस बनाया जाएगा और साथ ही उनके विरुद्ध पुलिस में एफ० आई० आर० भी लिखवाई जाएगी। ऐसे केस में उस अभ्यर्थी के उत्तर-पत्र की जाँच भी नहीं करवायी जाएगी।
- 5. The candidates *must not do any rough work or writing* in the OMR Answer-Sheet. Rough work, if any, may be done in the question booklet itself.
 - अभ्यर्थीगण ओ० एम० आर० उत्तर-पत्र पर कोई रफ कार्य न करें। केवल प्रश्न-पत्रिका में ही रफ कार्य करें।
- 6. For every correct answer one mark will be credited. There will be no negative marking. In case you do not want to attempt any question, leave the space blank under the concerned Question No. in the OMR Answer-Sheet. Cutting, erasing, overwriting and more than one answer in the OMR Answer-Sheet will be treated as wrong answer.
 - प्रत्येक ठीक उत्तर के लिए एक अंक दिया जाएगा। नकारात्मक अंकन नहीं होगा। यदि आप किसी प्रश्न का उत्तर नहीं देना चाहते तो उत्तर-पत्र के सम्बंधित खाने को खाली छोड़ दें। ओ० एम० आर० उत्तर-पत्र पर काट-पीट, मिटाना और एक से अधिक उत्तर गलत माना जाएगा।
- 7. Use only blue or black ball point pen in the OMR Answer-Sheet. ओ० एम० आर० उत्तर-पत्र पर केवल नीले या काले बॉल पॉइंट पेन का ही प्रयोग करें।

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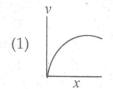
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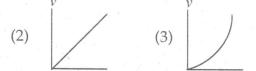
- (1) pressure
- (2) length
- (3) temperature
- (4) volume

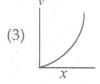
2. At what temperature, the scales C and F give the same reading?

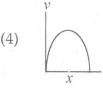
- $(1) 40^{\circ}$
- $(2) 20^{\circ}$
- $(3) 40^{\circ}$
- (4) 10°

A lead shot of 1 mm diameter falls through a long column of glycerin. The variation in velocity with distance will be:









- **4.** What does a function $f(t) = \sin \omega t + \cos \omega t$ represents:
 - (1) Zig Zag motion

- (2) Simple Harmonic motion
- (3) Motion in a straight line
- (4) None of the above

- 1 Micron is equal to:
 - $(1) 10^{-6} \text{ m}$
- (2) 10^{-6} cm (3) 10^{-4} m
- (4) 10 cm

6. The number of ordered pairs of integers
$$(x, y)$$
 satisfying the equation $x^2 + 8x + y^2 = 4$ is:

- (1) 8
- (2) 6
- (3) 4
- (4) 2

7. The number of distinct terms in the expansion of
$$(1 + 6x + 12x^2 + 8x^3)^7$$
 is:

- (1) 8
- (2) 19
- (3) 22

8. Sum to 5 terms of the series
$$\tan^{-1}\left(\frac{1}{7}\right) + \tan^{-1}\left(\frac{1}{13}\right) + \tan^{-1}\left(\frac{1}{21}\right) + \dots$$
 is:

- (1) $\tan^{-1}\left(\frac{4}{13}\right)$ (2) $\tan^{-1}\left(\frac{1}{3}\right)$ (3) $\tan^{-1}\left(\frac{5}{7}\right)$ (4) $\tan^{-1}\left(\frac{6}{17}\right)$

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	to the state of th
9.	The number of lines that can be drawn through the point $(4, -5)$ at a distance 12 from the point $(-2, 3)$ is:
	(1) 0 (2) 1 (3) 2 (4) infinite
10.	In an ellipse, the distance between the foci is 8 and the minor axis is 6, then the eccentricity is:
	(1) $\frac{1}{\sqrt{5}}$ (2) $\frac{3}{5}$ (3) $\frac{1}{2}$ (4) $\frac{4}{5}$
	tions Q. Nos. 11 to 15: In each of the following questions, find the most suitable word in the blank:
11	The of private limited companies is in the hands of its directors.
	(1) administration (2) democracy (3) policy (4) autocracy
12.	Duryodhana was the main of the Pandavas.
12.	(1) enmity (2) adversary (3) effrontery (4) adversity
13.	The Christmas tree was with stars and other decorative items.
	(1) adorned (2) adored (3) endowed (4) enticed
14.	Slaves were freed from only after they died.
	(1) ablution (2) pilferage (3) agreement (4) bondage
15.	To use a sporting, middle age is like half - time at a hockey match.
	(1) device (2) antonym (3) analogy (4) synonym
16.	During pneumonia which of the following gets accumulated in lung tissue?
	(1) Blood (2) RBC (3) Plasma (4) Fluid WBC
17.	The muscles in the eye associated with pupil are
04.	(1) Unstriated and voluntary (2) Unstriated and involuntary
	(1) Cristal Landon Company
	(3) Striated and involuntary (4) Striated and voluntary

18.	Where does fertilization usually take place?				
	(1) Vagina (2) Uterus (3)	Oviduct (4) Cervix			
19.	Net yield of aerobic respiration during Krebs' cycle per glucose molecule is :				
	(1) 2 ATP molecules (2)	7 ATP molecules			
	(3) 16 ATP molecules (4)	32 ATP molecules			
20.	. The xylem in plants are responsible for :				
	(1) Transport of amino acids (2)	Transport of food			
	(3) Transport of water (4)	Transport of oxygen			
21.	. Which of the oxides of Nitrogen is paramage the liquid and solid states?	gnetic in gaseous state and diamagnetic in			
	(1) N_2O (2) NO (3)	N_2O_3 (4) N_2O_5			
22.	. The strongest oxidizing power amongst Hal	logens (X_2) is of :			
	(1) F_2 (2) Cl_2 (3)	Br_2 (4) I_2			
23.	. How many unpaired electrons are present is	n $K_3[Co(CN)_6)]$ complex?			
	(1) Zero (2) One (3)	Two (4) Three			
24.	. Which of the following organic compounds	will <i>not</i> undergo Friedel-Crafts reaction?			
	(1) Benzene (2) Toluene (3)	Nitrobenzene (4) Naphthalene			
25.	. Which of the following is a LYOPHILIC sol	?			
	(1) Aluminium hydroxide (2)	Starch			
	(3) Ferric hydroxide (4)	Arsenious sulphide			
26.	. The weight of 11.2 litre of a gas at STP is 22.	0 g, the gas is:			
	(1) O_2 (2) NO_2 (3)	CO (4) N_2O			
27.	. The maximum number of electrons in an or	bital is two, the rule is called as:			
	(1) Hund's rule (2)	Pauli's exclusion principle			
	(3) Aufbau principle (4)	Heisenberg principle			
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28.	Ionic radii of the ions decrease in the or	der :		
	(1) $Na^+ > Mg^{2+} > F^- > O^{2-}$	(2)	$O^{2-} > F^- > Na^+$	$>Mg^{2+}$
	(3) $F^- > O^{2-} > Na^+ > Mg^{2+}$	(4)	$Mg^{2+} > Na^+ > F$	$->0^{2-}$
29.	An element has atomic number of 58. It	belo	ongs to which blo	ock of periodic table:
	(1) s-block (2) p-block	(3)	d-block	(4) f-block
30.	The type of hybridization in chlorine tri	ifluo	ride is:	
	(1) sp^3 (2) sp^3d	(3)	$d sp^3$	(4) sp^3d^2
31.	Dimensional formula for power is:			
	(1) ML^2T^{-3} (2) ML^1T^{-2}	(3)	$ML^{-2}T^{-1}$	$(4) ML^3T^2$
32.	The distance of planet Jupiter from the revolution of Jupiter around the Sun is		n is 5.2 times the	at of Earth. The period of
	(1) 8 yrs. (2) 9 yrs.	(3)	11.86 yrs.	(4) 11 yrs.
33.	If $\overrightarrow{A} \times \overrightarrow{B} = \overrightarrow{C}$, which of the following sta	atem	nent is <i>not</i> correc	rt?
	$(1) \vec{C} \perp \vec{A} \qquad (2) \vec{C} \perp \vec{B}$	(3)	$\vec{C} \perp (\vec{A} \times \vec{B})$	$(4) \overrightarrow{C} \perp (\overrightarrow{A} + \overrightarrow{B})$
34.	The length of second hand of a clock is	10 c	m. The speed of	tip of the hand is:
	(1) $\frac{\pi}{2}$ cm/sec (2) $\frac{\pi}{3}$ cm/sec	(3)	$\frac{\pi}{6}$ cm/sec	(4) $\frac{\pi}{4}$ cm/sec
35.	The mass of the body will be zero at:			
	(1) pole	(2)) equator	
	(3) centre of the earth	(4)	None of the ab	pove
36.	Distance between the two planes : $2x +$	- 3y -	+4z = 5 and 4x +	6y + 8z = 12 is:
	(1) 0 (2) $\frac{1}{\sqrt{29}}$	(3	$\frac{2}{\sqrt{29}}$	(4) $\frac{3}{\sqrt{29}}$

			- ,		sin x		
37.	The va	lue of	$\lim_{x\to 0} \left($	$\frac{\sin x}{x}$	$x-\sin x$	is	

- (1) 0
- (2) 1
- (3) e
- (4) $\frac{1}{e}$

38. Contrapositive of the statement, "If a number is divisible by 49, then it is divisible by 7," is:

(1) If a number is not divisible by 7, it is not divisible by 49.

(2) If a number is not divisible by 7, it is divisible by 49.

(3) If a number is not divisible by 49, it is not divisible by 7.

(4). If a number is not divisible by 49, it is divisible by 7.

39. If variance of four numbers is 9, what will be the variance if each of these four numbers is multiplied by 3?

- (1) 9
- (2) 27
- (3) 81
- (4) 243

40. If the matrix *A* is both symmetric and skew symmetric, then :

- (1) *A* is a lower triangular matrix.
- (2) A is a diagonal matrix.
- (3) *A* is a upper triangular matrix.
- (4) *A* is a zero matrix.

41. The line y = x + 1 is a tangent to the curve $y^2 = 4x$ at the point :

- (1) (1, 2)
- (2) (2,1)
- (3) (1, -2)
- (4) (-1, 2)

42. If [x] is greatest integer function of x, then $\int_{-1}^{1} [x] dx$ is equal to :

- (1) 1
- (2) 0
- (3) 1

(4) 2

43. Which of the following is a homogeneous differential equation?

(1) (2x + 3y + 4) dx - (4x + 6y + 7) dy = 0

(2) $(x^2 + 2y^3) dx + 2xy dy = 0$

(3) $(xy) dx - (x^3 + y^3) dy = 0$

(4) $y^2 dx + (x^2 - 2xy - y^2) dy = 0$

between \vec{a} and \vec{c} is:

45. Two events A and B will be independent if:

(1) 0

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	(1) $A \cap B = \emptyset$
46.	Two finite sets have m and n elements respectively. The total number of subsets of first set is 30 more than the total number of subsets of the second set. The values of m and n respectively are: (1) 7,6 (2) 6,3 (3) 5,1 (4) 8,7
47.	Let R be the relation in the set $\{5, 6, 7, 8\}$ given by $R = \{(5, 6), (6, 6), (5, 5), (8, 8), (5, 7), (7, 7), (7, 6)\}$. Choose the <i>correct</i> answer: (1) R is reflexive and symmetric but not transitive.
	(2) <i>R</i> is reflexive and transitive but not symmetric.
	(3) R is symmetric and transitive but not reflexive.
	(4) <i>R</i> is an equivalence relation.
48.	If $\cos^{-1}x + \cos^{-1}y = \frac{2\pi}{3}$, then $\sin^{-1}x + \sin^{-1}y$ is equal to:
	(1) $\frac{2\pi}{3}$ (2) $\frac{\pi}{3}$ (3) $\frac{\pi}{6}$ (4) π
49.	If $p, q \in R$ and $1 + \sqrt{2}i$ is a root of $x^2 + px + q = 0$, then: (1) $p = -2, q = \sqrt{3}$ (2) $p = -\sqrt{2}, q = 3$ (3) $p = -\sqrt{2}, q = \sqrt{3}$ (4) $p = -2, q = 3$
50	. Graph of a linear inequality in two variables is:
30	(1) a straight line (2) a point (3) full plane (4) half plane
51	. The susceptibility of magnesium at 300 K is 1.2×10^{-5} . At what temperature the susceptibility be 1.44×10^{-5} ?
	(1) 280 K (2) 250 K (3) 270 K (4) 260 K

The non-zero vectors \vec{a} , \vec{b} and \vec{c} are related by $\vec{a} = 8\vec{b}$ and $\vec{c} = -7\vec{b}$. Then the angle

 $(3) \quad \frac{\pi}{4}$

(2) P(A) = P(B)

52.	Which has the highest frequency?
	(1) X-rays (2) γ-rays (3) Microwaves (4) Visible rays
53.	A photon and electron have same de-Broglie wavelength. Which of the statement is <i>correct</i> ?
	(1) Total energy of photon > Total energy of electron.
	(2) Total energy of electron > Total energy of photon.
	(3) Total energy of electron = Total energy of photon.
	(4) Cannot be calculated.
54.	Ratio of kWh to MeV is:
	(1) 2.25×10^{19} (2) 2.25×10^{17} (3) 2.25×10^{15} (4) 2.25×10^{13}
55.	In an a.c. input signal of frequency of 60 Hz is rectified by a full wave rectifier. Then output frequency will be:
	(1) 60 Hz (2) 120 Hz (3) Zero (4) 30 Hz
56.	BERYL consists of silicate framework of :
	(1) SiO_4^{4-} (2) $Si_2O_7^{6-}$ (3) $Si_6O_{18}^{12-}$ (4) $Si_3O_9^{6-}$
57.	In which of the following, all carbon atoms are sp-hybridized:
	(1) $CH_3 - CH = CH - CH_3$ (2) $CH_3 - C \equiv C - CH_3$
	(3) $CH_3 - CH_2 - C \equiv CH$ (4) $CH \equiv C - C \equiv CH$
58.	A salt on treatment with dil. H_2SO_4 gives mixture of H_2S and SO_2 . It contains:
	(1) Sulphide (2) Sulphite (3) Sulphate (4) Thiosulphate
59.	Which of the following compounds will not give a positive test for Nitrogen?
	(1) Urea (2) Thiourea
	(3) Ammonium chloride (4) Aniline
60.	Coordination numbers in <i>CsCl</i> structure are :
	(1) 8:8 (2) 6:6 (3) 4:4 (4) 8:4
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	minutes; from 70°C to 60°C in t_2 minutes. Then:	room and it cools from 80°C to 70°C in t_1 utes and from 60°C to 50°C in t_3 minutes.
	(1) $t_1 > t_2 > t_3$ (2) $t_1 = t_2 = t_3$	(3) $t_1 < t_2 = t_3$ (4) $t_1 < t_2 < t_3$
62.	wavelength will be:	e waves is 15 megacycle/sec. Corresponding (3) 30 m (4) 40 m
63.	Electronic charge on 1 mole of hydrogen	
	(1) None of below (2) $19.27 \times 10^6 \text{C}$	(3) 19.27×10^{-4} C (4) 19.27×10^{4} C
64.	The resistivity of material of wire 1.0 2.0 ohm is:	m long, 0.4 mm in diameter and resistance
	(1) $2.5 \times 10^{-7} \Omega$ cm	(2) $2.5 \times 10^{-10} \Omega \text{ cm}$
	(3) $2.5 \times 10^{-5} \Omega \text{ cm}$	(4) $2.5 \times 10^{-8} \Omega \text{ cm}$
65.	Force experienced by a stationery charge	e placed in magnetic field is:
	(1) qvB (2) $qvB\sin\theta$	(3) zero (4) None of the above
Direc	ctions Q. Nos. 66 to 68: In each of the following	owing questions, find the <i>correct</i> meanings:
66.	'Be on the horns of a dilemma':	
	(1) of the first quality	(2) be very busy
	(3) to choose between two goods	(4) to have a choice between two equal evils
67.	'Poke one's nose into':	
	(1) to interfere	(2) unconcerned
	(3) to criticise	(4) to continue
68.	'Upto one's ears' :	
	(1) worn out	(2) deeply involved
	(3) youthful	(4) alarmed
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		70: In each of the each of the eapitalized word:	e following question	ns, choose the one that is
69.	EBB: (1) enervate	(2) eternal	(3) effervescent	(4) rise
70.	KNOTTY:			
	(1) easy	(2) tough	(3) care	(4) question
	tions Q. Nos. 71 to ing of the capitalize		llowing questions, fi	nd the word closest to the
71.	LOT:			
	(1) right	(2) folly	(3) fate	(4) oath
72.	REPEAL:			
	(1) sharp	(2) applaud	(3) acceptance	(4) abrogation
73.	LETHAL:			
	(1) conventional	(2) deadly	(3) averse	(4) demonstrative
74	COMPACT ·			

75. CHASTE:

(1) loyal

(1) brief

(2) pure

(2) indict

(3) timid

(3) muck

(4) curt

(4) morose

76. Which one of the following areas in India, is a hotspot of biodiversity?

(1) Sunderbans

(2) Gangetic Plain

(3) Eastern Ghats

(4) Western Ghats

77.	Biodiversity of a geographical region represents:					
	(1) The diversity in the organisms living in the region					
	(2) Genetic diversity present in the dominant species of the region(3) Endangered species found in the region					
	(4) Species endemic to the region					
78.	Bacillus thuringiensis (Bt) strains have be	een used for designing novel:				
70.	(1) Bio-mineralization processes	(2) Bio-insecticidal plants				
	(3) Biofertilizers	(4) Bio-metallurgical techniques				
79.	The method of producing thousands of	plants through tissue culture is called:				
	(1) Biofortification	(2) Somatic hybridization				
	(3) Micropropagation	(4) Biomagnification				
80.	Aedes aegypti is a vector for :					
	(1) Dengue fever	(2) Japanese encephalitis				
	(3) Malaria	(4) AIDS				
	tions Q. Nos. 81 to 85: In each of the fo	ollowing questions, find the most suitable word				
81.	The Chief with his followers	present there.				
	(1) was (2) were	(3) had (4) has				
82.	In regard to details the committee	divided.				
	(1) is (2) was	(3) were (4) has				
83.	A very pretty woman, she squ	uints a little.				
	(1) if only (2) only	(3) lest (4) because				
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84.	the shower was over the sun shor	ne out again.	
	(1) Before (2) Alongwith (3)	3) After	(4) Inspite
85.	Trust God and do what is right.		
	(1) with (2) by (3)	3) in	(4) at
86	Rice belongs to family:		
00.		3) Solanaceae	(4) Fabaceae
	(1) Toaceae (2) Marvaceae (3)) Solullaceae	(1) Tubuccuc
87.	'Chipko movement' was launched for the	protection of:	
	(1) Grassland (2) Livestock (3)	3) Wet lands	(4) Forests
88.	A flower which can be divided into two ed	gual halves by only	y one plane is :
	(1) Actinomorphic (2) Perfect (3)		
89.	1		
	(1) Nitrous oxide	2) Chlorofluoroca	rbons
	(3) Carbon dioxide	4) Methane	
90.	The chromosomes responsible for characteristics	teristics other than	sex are known by which
	of the following terms?		
	(1) Autosomes (2) Ribosomes (3)	3) Lysosomes	(4) Hydrosomes
Q1	DNA replication takes place during:		
91.	(1) Prophase (2) G ₁ -phase (3) Ga-phase	(4) S-phase
	(1) 110phase (2) Gi phase	o) d ₂ priuse	(1) o prido
92.	Who wrote the book 'Systema Naturae'?		
	(1) Darwin (2) Lamarck (3) Linnaeus	(4) Wallace
93.	Which one is <i>correct</i> ?		
	(1) Plasma = Blood – Lymphocytes		
	(2) $Blood = Plasma + RBC + WBC + Bloo$	od platelets	
	(3) Lymph = $Plasma + RBC + WBC$		8
	(4) Neuron = Cyton + Dendrite + Axon +	- Synapse	
	· · · · · · · · · · · · · · · · · · ·	-	

94.	 If a colour blind woman marries a norm All normal visioned One-half colour blind and one-half All colour blind Three-fourths colour blind and one- 	normal				
95.	DNA is made of two chains that twist about one another in the shape of a					
	(1) Double helix (2) Straight ladder					
	(3) Broken ladder	(4) Straight spiral				
96.	Surface Tension of a liquid does <i>not</i> depend upon:					
	(1) Temperature	(2) Vapour Pressure				
	(3) Concentration	(4) Size of surface				
97.	Which of the following is <i>not</i> a state function?					
	(1) Entraine (2) 5	(3) Work (4) Free energy				
98.	Which of the following acids is <i>not</i> a Polybasic acid?					
	(1) Orthoboric acid	(2) Orthophosphoric acid				
	(3) Sulfuric acid	(4) Oxalic acid				
99.	Oxidation number of chromium in potassium chromate is:					
	(1) Two (2) Three	(3) Five (4) Six				
100.	Green pigment CHLOROPHYLL contains:					
	(1) Calcium (2) Magnesium	(3) Sodium (4) Potassium				

SET CODE : B	LAB ATTENI	DANT ENTRANCE	WRITTEN	TEST-	APRIL
2014	26 - 4	51 - 2	76 - 4		
2 - 3	27 - 2	52 - 2	77 - 1		
3 - 1	28 - 2	53 - 2	78 - 2		
4 - 2	29 - 4	54 - 1	79 - 3		
5 - 1	30 - 2	55 - 2	80 - 1		
6 - 1	31 - 1	56 - 3	81 - 1		
7 - 3	32 - 3	57 - 4	82 - 3		
8 - 2	33 - 4	58 - 4	83 - 2		
9 - 1	34 - 2	59 - 3	84 - 3		
10 - 4	35 - 4	60 - 1	85 - 3		
11 - 1	36 - 2	61 - 4	86 - 1		
12 - 2	37 - 4	62 - 2	87 - 4		
13 - 1	38 - 1	63 - 4	88 - 3		
14 - 4	39 - 3	64 - 1	89 - 2		
15 - 3	40 - 4	65 - 3	90 - 1		
16 - 4	41 - 1	66 - 4	91 - 4		
17 - 2	42 - 1	67 - 1	92 - 3		
18 - 3	43 - 4	68 - 2	93 - 2		
19 - 1	44 - 2	69 - 4	94 - 3		
20 - 3	45 - 3	70 - 1	95 - 1		
21 - 2	46 - 3	71 - 3	96 - 4		
22 - 1	47 - 2	72 - 4	97 - 3		
23 - 1	48 - 2	73 - 2	98 - 1		
24 - 3	49 - 4	74 - 1	99 - 4	,	
25 - 2	50 - 4	75 - 2	100 - 2		

1. 1.0

Na III