Global Association of Japanese Soroban & Mental Arithmetic
GAJSMA Competition – 2019
GAJSMA – Dubai, U.A.E

Invitation

GAJSMA –Dubai, UAE would like to express our sincere appreciation and gratitude to the organizing committee of GAJSMA -South Africa 2018 for hosting the Competition last year and for the warm welcome to your wonderful city of Johannesburg.

As the Director of GAJSMA–Dubai, UAE, I would like to humbly thank all the committee members for allowing GAJSMA- Dubai, UAE the honor of hosting the competition for 2019.

GAJSMA – Dubai, UAE, is delighted to invite the GAJSMA Country Presidents, Delegates, Teachers, Parents and talented young Contestants to participate in this Dubai, UAE-2019 prestigious Competition to be held on Sunday the 29th September 2019 in Dubai, UAE.

Dubai is located on the Eastern coast of the Arabian Peninsula, in the South West corner of the Arabian Gulf. It is extremely well known for its warm hospitality and rich cultural heritage and the Emirati people are welcoming and generous in their approach to visitors. With year-round sunshine, intriguing deserts, beautiful beaches, luxurious hotels and shopping malls, fascinating heritage attractions and a thriving business community, Dubai receives millions of leisure and business visitors each year from around the world.

From the timeless tranquility of the desert to the lively bustle of the souk, Dubai offers a kaleidoscope of attractions for visitors.

The emirate embraces a wide variety of scenery in a very small area. In a single day, the tourist can experience everything from rugged mountains and awe-inspiring sand dunes to sandy beaches and lush green parks, from dusty villages to luxurious residential districts and from ancient houses with wind towers to ultra-modern shopping malls.

The emirate is both a dynamic international business center and a laid-back tourist escape; a city where the sophistication of the 21st century walks hand in hand with the simplicity of a bygone era. But these contrasts give Dubai its unique flavor and personality; a cosmopolitan society with an international lifestyle, yet with a culture deeply rooted in the Islamic traditions of Arabia.

The International Championship is a wonderful platform where all the best champions across the world meet together and compete, we are sure that all the contestants will display their skills and talents to win this year title.

Our heartily wishes to all the participating country and their champions to have a great experience during their visit to Dubai, UAE.

Our city of Gold looking forward to welcoming you all!

Ravi .B.M
SEMAS – UAE

Date: Sunday, 29th September 2019	
Online Registration Starts on : 15th June 2019	
Hosting country: GAJSMA – Dubai, U.A.E	Time of Entry to Hall : 08:00 hrs.
Venue: LE MERIDIEN **DUBAI HOTEL AND CONFERENCE CENTRE** P O Box 10001 Dubai, United Arab Emirates	Buffet Lunch : 12:00 to 14:00 hrs.
	Talent Show : 14:00 to 15:00 hrs.
	Awards Ceremony : 15:00 to 17:30 hrs.
Website: lemeridien.com/dubai	Last Date Register : 15th July 2019

Objectives of GAJSMA: To provide the opportunity for students, educators and organizations who learn, teach Japanese Soroban Education around the world (outside Japan), to take part in international events, develop friendships, provide support and guidance, exchange knowledge and share cultural experiences.

COMPETITION RULES, REGULATIONS AND GUIDELINES

1.	Eligibility:	All contestants from member countries are eligible to participate in the competition. o There are 12 Levels (Basic level to Master level - refer syllabus of every level) o Each Level has 5 groups (A, B, C, D, E) where age determines the group in which a contestant will compete (Refer to Table 1)
2.	Applications:	All contestants interested to participate in the competition must register online - use link to register: www.internationalcompetition.gajsma.org find the registration form attached to get the students's personal information.
3.	Last date of Applications:	Presidents, Vice Presidents, Teachers, and Parents/Guardians everyone should register online and submit all relevant documentation before 15/07/2019.
4.	No late registrations:	Registration forms & Payments will not be accepted after the date specified above.
5.	Cancellations & Corrections	Cancellations & Corrections to registrations (Contestants and Participants) may be done until 31st July 2019. No cancellations or corrections will be accepted after this date. In the event of a cancellation, no fees will be refunded after the 31st of July 2019.
6.	Transportation & Pick-up points	Everyone should make their own travel arrangements at their own expense.
7.	Boarding and Lodging	Accommodation should be arranged at your own expense. Hotel rooms at Le Meridian are available in **CONCESSION RATE.** Specific Link will be provided to our members to book the rooms, please refer the rooms' rates.

8.	Competition details: Kyu / Grade/Level & Group (Age wise) a) No. of Competition Papers, Sums, Marks & Time Limit b) Valuation	The Competition will be conducted according to **Kyu/Grade/Level** and Age Groups of the contestants. Refer to Table 1, 2 and 3 for the layout/format of the competition papers, **Kyu/Grade/Level** & age limits of each Group.

Paper 1 (**Soroban**)	±	x	÷	Duration
Sums	60/10nos.	30/15nos.	30/15nos.	6 min
Mark each	10	5	5	Total

Paper 2 (**Anzan**)	±	x	÷	Duration
Sums	60/10nos.	30/15nos.	30/15nos.	2 min
Mark each	10	5	5	Total

A team of experienced staff members will value and award marks. Computers will be utilised for ranking the score achieved by the contestants. Results will be announced during the Awards Ceremony.

9.	Talent Show	From 14:00 to 15:00 –Mental calculation displays on stage by selected contestants from member countries. Selection will be done online only.

10.	General: a) Writing style	Style of writing the numbers (i.e. answers) to be followed as given below: 1 2 3 4 5 6 7 8 9 0 or 1 2 3 4 5 6 7 8 9 0 or 123456789
	b) Dress	T-Shirts to be worn during the competition will be issued by GAJSMA Dubai to every contestant. The size of T-shirt will be given based on their shoulder size and length as requested on registration form. During the prize distribution students can wear as per their country's dress code.
	c) Discipline	a) Strict silence should be adhered in the Competition Hall during the competition and award function. b) Prize winners will be grouped according to their award.
	d) GAJSMA Rules for Disqualification from the Championship	A Contestant will be disqualified from the Championship: a) If the contestant does not have a Hall Ticket. b) If there is no Hall Ticket number on the paper. c) If there is any communication between the contestant and the coach/teacher in the Championship hall during the writing of the exams. d) If the coach/teacher is found assisting the contestant in the exam area during the writing of the exams. e) If the contestant does not keep their hands on their lap until the 1st whistle. f) If the contestant starts the test before the announcement to start. g) If the contestant does not put their pencil down and does not keep their hands on their lap after the 2nd whistle. h) If the contestant continues to write after the 2nd whistle and announcement to volunteers called to collect the papers. i) If no sums at all have been attempted on the page. j) If the contestant wrote the incorrect Kyu/Level/Grade paper. k) If a calculator is used during the exam. l) If a mechanical (self-clearing) abacus is used during the exam. m) If any of the participant entered into competition area and nearer to the stage.

e)	Disqualification of the contestants competition paper	Contestants will not be awarded marks for the following reasons: a) If the answers are not legible b) If there is any over-writing c) Unanswered sums d) Wrong answers e) If there are strokes on the answers
f)	Termination of award	a) Contestants should keep their Hall tickets until they receive their awards. Prizes will not be awarded if the hall ticket is not shown at the time of Prize giving. b) Prizes will not be awarded if the contestants are not present to receive their awards. Coaches/ Instructors are not allowed to receive the prizes on stage on behalf of the contestants.
g)	Processing of contestant's application form Everyone must produce latest 2 levels of GAJSMA grading or national competition certificates except for 12, 11, 10 Kyu's/Levels.	Student registrations will not be processed for the following reasons: a) If the name of the contestant and other required particulars are not properly completed on the online registration form. b) If the copies of the contestant's latest 2 levels GAJSMA's Kyu/Grade/Level certificate were not produced. c) Proof of age is not submitted with the registration form. d) If contestant's photographs are not affixed to the registration form
11.	Volunteers/Assistants	The services of trained volunteers will be attained to guide, help, invigilate and assist in all possible ways to ensure the smooth running of the competition.
12.	Safety and Security	All coaches, participants, parents and guardians need to ensure that their children do not have their passports, cash or expensive jewellery with them. Their personal belongings should be kept safely with an adult accompanying the child. Keep an eye on your child at all times. Do not allow them to wander around on their own.
13.	Office mailing address	The GAJSMA 16/23, Saradha Nagar, Virugambakkam, Chennai. Zipcode: 600092 Email: info@gajsma.org
14.	Registration Fee transfer	The final date to accept the registration fee is by 15/07/2019 **Account details are as follows**: **Acc. Name** : GAJSMA Association of Soroban & Mental Arithmetic **Acc No.**: 50200027966836 **Bank Name:** HDFC Bank **IFSC code**: HDFC0002082 **SWIFT Code** : HDFCINBBCHE (for international transfers) **Reference**: GAJSMA & Student's Name & Surname -
15.	Reminder of documents to be submitted with Registration Forms	The Contestant's registration form will not be processed or upgraded to 2 levels higher in competition and the Hall Ticket cannot be issued, if the documents listed below are not produced along with their registration forms on or before **15th July 2019**. 1. Contestant's latest 2 levels of GAJSMA Kyu/Grade/Level certificate

		2. Copy of passport
16.	Photographs and DVDs Parent/Guardian Photograph/Videograph registration fee is 300USD in addition to the participation fee	No parents are allowed to leave their seats take pictures during the exam or prize giving ceremony. There will be an official photographer for each country. Registered parent/guardian are allowed to take Photograph/Videograph during prize distribution time only. Additional registration fee is 300USD per person. Hand Phones are not allowed to take Photographs and Videographs Professional Cameras only allowed take Photographs and Videographs.
17.	Permission to Photographers & Videographers	Member Countries may only allow one registered official photographer to take photos during the award ceremony.
18.	Congratulatory Letter	Member countries are requested to send the Congratulatory Letter (on only one page with their photograph on letter) via electronic media to Host country on or before 15.08.2019.
19.	Competition Year Book - 2019	All the Members are requested to send the digital photographs and documents of their activities & achievements via electronic media to publish on GAJSMA Competition Year Book-2019 (total number of pages allotted to the members are as follows : 1. Country Member (5pages) 2. Institute Member (1page)

19) **Tables**:

Table 1: Group as per age for every Kyu/Grade/Level.

Group	A	B	C	D	E
Born between	2014/01/01 2014/12/31	2012/01/01 2013/12/31	2010/01/01 2011/12/31	2008/01/01 2009/12/31	2006/01/01 2007/12/31
Category	All Kyu/Grade/Level: 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2 & 1 Kyu/Grade/Level has 5 Groups 'A to E'.				

Table 2: Equivalent of Soroban Education i.e. Kyu/Grade/Level

Guide to age vs Kyu/Grade/Level paper

Kyu	Grade/Level	Description
12	**KG-1**	Add/Less-Direct Numbers No formula
11	**KG-2**	Add/Less-with formula
10	1	Basic- 1
9	2	Basic- 2
8	3	Basic- 3
7	4	Intermediate - 1
6	5	Intermediate - 2
5	6	Intermediate - 3
4	7	Advanced - 1
3	8	Advanced – 2
2	9	Advanced – 3
1	10	Master Level

Paper 1 - Soroban (Abacus) Time Limit - 6 mins

Kyu/Grade/Level	No of + & - sums	No. of x sums	No. of ÷ sums
12	60sums (direct numbers)	None	None
11	60sums (with formula)	None	None
10	20 (2 d-5 rows)	30 (2 dig x 1 dig)	None
9	10 (2 d-8 rows)	30 (2 dig x 1 dig)	30(2 dig ÷ 1 dig)
8	10 (2 d-10 rows)	30 (3 dig x 1 dig)	30 (3 dig ÷ 1 dig)
7	10 (2 d-10 rows)	30 (2 dig x 2 dig)	30 (4 dig ÷ 1 dig)
6	10 (3 d-10 rows)	15 (2 dig x 2 dig)	15 (4 dig ÷ 2 dig)
5	10 (4 d-10 rows)	15 (3 dig x 2 dig)	15 (4 dig ÷ 2 dig)
4	10 (5 d-10 rows)	15 (3 dig x 2 dig)	15 (5 dig ÷ 3 dig)
3	10 (6 d-10 rows)	15 (4 dig x 4 dig)&(5 dig x 3 dig)	15 (5 dig ÷ 5 dig)&(7 dig ÷ 3 dig)
2	10 (7 d-10 rows)	15 (4 dig x 5 dig)&(6 dig x 3 dig)	15 (6 dig ÷ 4 dig)&(7 dig ÷ 3 dig)
1	10 (8 d-10 rows)	15 (4 dig x 5 dig)&(6 dig x 3 dig)	15 (6 dig ÷ 5 dig)&(8 dig ÷ 3 dig)

Note: There are decimal sums in +/-, x and ÷ on Soroban Paper only. Digits include decimal numbers.

Paper 2 - Anzan (No Abacus) Time Limit - 2 mins

Kyu/Grade/Level	No. of Add & Less Sums	No. of Multiplication Sums	No. of Division Sums
12	60 sums Direct Numbers	Nil	Nil
11	60 sums with formula	Nil	Nil
10	20 (1d-6 rows)	30 (1dx1d)	Nil
9	10 (1d-8 rows)	30 (1dx1d)	30 (1d ÷ 1d)
8	10 (1d-10 rows)	30 (1dx1d)	30 (2d ÷ 1d)
7	10 (1d-12 rows)	30 (2dx1d)	30 (2d ÷ 1d)
6	10 (2d-7 rows)	15 (3dx1d)	15 (3d ÷ 1d)
5	10 (2d-10 rows)	15 (3dx1d)	15 (3d ÷ 1d)
4	10 (3d-7 rows)	15 (3dx1d)	15 (4d ÷ 1d)
3	10 (3d-10 rows)	15 (4dx1d)	15 (4d ÷ 1d)
2	10 (3d-12 rows)	15 (4dx1d)	15 (4d ÷ 1d)
1	10 (3d-12 row)	15 (4dx1d)	15 (4d ÷ 1d)

Table 4: Contestant Award Allocations

Categories (Kyu/Grade/Level)	Group	Awards from total participants on every category				
		Super Champion	Champion	1st Prize	2nd Prize	3rd Prize
		Based on no. of registrations				
12,11,10,9,8,7,6,5,4,3,2,1 (Each Kyu/Grade/Level has 5 Groups A-E according to age)	A	1	10%	20%	30%	40%
	B	1	10%	20%	30%	40%
	C	1	10%	20%	30%	40%
	D	1	10%	20%	30%	40%
	E	1	10%	20%	30%	40%

Declaration of Awards in case of same marks scored by 2 or more contestants:

1. The highest scorer in total (ie. Paper 1 & 2 together) will be declared as the Super Champion.
2. If two or more contestants score the same mark in their respective Kyu/Grade/Level and Group, the youngest contestant will be declared as the winner.
3. Further, if the two contestants scoring the same mark have the same date of birth, the highest score in either the Soroban or Anzan paper will be considered to declare the winner.
4. If these marks are still the same, the highest score in addition/subtraction will be considered to declare the winner.

Important Note-1

Instructions to Participants

- Participants are not at allowed to enter into the competition area and nearer to the stage at all time.
- It is repsonsibility of Asst. Chief to take in-charge to control their participants.
- If any one of the participant found in the competition hall and nearer to the stage the respective contestant's marks will be 'ZEROWED' and No Trophy will be awarded.

Important Note-2

Everyone must produce latest 2 levels of GAJSMA grading and national competition certificates except for 12,11,10 Kyu's/Levels for which one level GAJSMA certificate must be produced for the GAJSMA International Competition 2019.

NOTE

The size of SAMPLE PAPERS of GAJSMA Competition-2019 given hereunder are in A4 size, but the original size of COMPETITION PAPERS will be in A3 size

Add & Less   10 Marks each

A

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2	9	7	8	2	2	2	9	3	2	5	9	2	9	1
2	1	-7	1	1	5	7	5	-8	5	5	2	-6	2	-8	5
3	6	6	1	-9	2	-8	1	7	1	-1	1	1	5	2	1
Ans.															
Ans.															

B

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1	9	2	7	5	8	5	1	1	9	5	9	1	8	2
2	2	-8	1	2	1	1	2	8	5	-9	1	-8	2	1	1
3	1	1	5	-2	2	-7	1	-6	1	7	2	1	1	-9	6
4	5	6	1	-6	1	6	1	-2	2	2	1	6	5	6	5
Ans.															
Ans.															

C

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1	9	5	9	1	1	1	1	1	1	3	2	3	5	4
2	1	-3	1	-8	7	5	7	5	2	1	5	5	-2	4	-1
3	5	2	1	6	-8	2	-8	2	5	1	1	2	3	-3	-3
4	1	-8	-2	1	4	-5	4	-5	-8	5	-6	-4	-1	-5	5
5	1	7	4	1	5	6	5	6	7	1	5	1	5	2	3
Ans.															
Ans.															

D

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	6	3	2	7	1	9	2	4	3	7	1	8	4	6	3
2	-1	6	6	-2	8	-2	1	5	5	-5	3	1	-3	-1	5
3	4	-7	-5	4	-6	-5	6	-9	1	2	5	-7	-1	2	-6
4	-5	5	1	-3	5	7	5	5	-8	5	-4	2	6	-7	7
5	-2	1	5	-5	1	-2	4	2	3	-6	2	5	2	5	-1
Ans.															
Ans.															

Add & Less   10 Marks each

A

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	35	44	20	42	5	48	71	34	89	45	52	7	98	9	70
2	76	-1	7	28	73	57	1	83	9	43	34	60	2	-6	52
3	3	22	41	-2	52	-9	65	-3	95	-4	7	-24	45	28	4
Ans.															
Ans.															

B

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2	63	76	26	87	25	61	30	36	23	25	69	41	2	72
2	27	34	74	88	42	15	6	27	91	29	11	-8	15	21	11
3	25	-4	3	75	76	-8	62	44	84	-2	22	71	1	66	6
4	25	8	77	-7	2	70	15	-3	1	62	1	66	32	95	15
Ans.															
Ans.															

C

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1	72	9	10	51	31	7	42	8	90	23	52	92	72	2
2	30	30	42	54	91	42	5	60	21	-4	35	61	41	61	91
3	55	61	45	34	53	50	31	45	39	42	11	-6	66	6	6
4	67	95	73	-4	35	-1	19	-1	9	97	6	-55	5	-15	25
5	59	-2	90	38	2	-8	36	4	3	-4	5	15	15	25	75
Ans.															
Ans.															

D

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	25	95	38	8	63	10	9	94	63	8	8	32	87	6	96
2	94	24	9	21	21	-7	44	-4	4	29	32	5	2	94	3
3	9	-8	81	-7	9	71	8	96	31	-28	78	57	90	38	10
4	93	77	63	57	22	61	32	37	7	48	30	-6	66	-7	62
5	12	2	85	39	19	5	52	6	60	7	9	42	8	31	6
Ans.															
Ans.															

A Multiplication — 5 Marks each

1	15 x 8 =
2	88 x 8 =
3	47 x 2 =
4	25 x 3 =
5	51 x 8 =
6	29 x 6 =
7	97 x 6 =
8	96 x 6 =
9	14 x 9 =
10	83 x 3 =
11	48 x 5 =
12	82 x 7 =
13	79 x 6 =
14	79 x 5 =
15	34 x 2 =

Multiplication — 5 Marks each

16	45 x 9 =
17	54 x 3 =
18	36 x 6 =
19	95 x 5 =
20	78 x 2 =
21	93 x 3 =
22	42 x 6 =
23	52 x 4 =
24	96 x 2 =
25	30 x 2 =
26	42 x 6 =
27	28 x 7 =
28	32 x 4 =
29	36 x 2 =
30	27 x 3 =

B Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	95	81	31	68	14	41	62	48	40	19
2	73	-17	71	16	18	-28	64	-11	66	-17
3	11	-37	69	-26	44	-12	87	60	68	32
4	47	84	70	82	89	13	13	-25	63	-31
5	74	95	41	26	11	60	67	45	16	93
Ans										

No	1	2	3	4	5	6	7	8	9	10
1	38	16	22	29	53	8	16	33	4	34
2	37	19	8	4	31	8	17	48	50	-25
3	9	27	17	27	20	30	5	7	32	2
4	35	5	18	-2	33	-3	21	-1	45	35
5	50	-15	4	33	10	8	21	-11	10	7
Ans										

Multiplication   5 Marks each

#			
1	31 x 5 =		
2	73 x 7 =		
3	65 x 8 =		
4	44 x 2 =		
5	27 x 4 =		
6	14 x 8 =		
7	15 x 6 =		
8	25 x 3 =		
9	23 x 8 =		
10	17 x 4 =		
11	91 x 7 =		
12	99 x 6 =		
13	35 x 6 =		
14	85 x 6 =		
15	28 x 8 =		
16	43 x 3 =		
17	40 x 6 =		
18	14 x 2 =		
19	66 x 6 =		
20	73 x 8 =		
21	12 x 3 =		
22	78 x 4 =		
23	84 x 8 =		
24	56 x 2 =		
25	27 x 6 =		
26	68 x 8 =		
27	11 x 8 =		
28	88 x 2 =		
29	70 x 2 =		
30	14 x 5 =		

Division   5 Marks each

#			
1	36 ÷ 3 =		
2	22 ÷ 2 =		
3	25 ÷ 5 =		
4	66 ÷ 6 =		
5	80 ÷ 4 =		
6	93 ÷ 3 =		
7	63 ÷ 3 =		
8	90 ÷ 6 =		
9	56 ÷ 7 =		
10	18 ÷ 2 =		
11	60 ÷ 2 =		
12	96 ÷ 2 =		
13	33 ÷ 3 =		
14	72 ÷ 2 =		
15	64 ÷ 8 =		
16	28 ÷ 7 =		
17	54 ÷ 6 =		
18	16 ÷ 2 =		
19	60 ÷ 4 =		
20	98 ÷ 2 =		
21	14 ÷ 7 =		
22	75 ÷ 5 =		
23	68 ÷ 4 =		
24	96 ÷ 6 =		
25	54 ÷ 2 =		
26	80 ÷ 2 =		
27	48 ÷ 3 =		
28	84 ÷ 2 =		
29	44 ÷ 4 =		
30	57 ÷ 3 =		

Add & Less   10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	63	82	85	77	55	17	54	89	79	13
2	62	74	67	5	35	19	18	84	53	-4
3	24	86	30	84	72	6	89	89	77	88
4	81	28	58	30	41	82	87	-27	31	91
5	85	-10	78	-21	19	-24	23	27	33	62
6	60	-22	90	49	24	89	94	30	44	-5
7	22	15	22	56	63	14	41	-26	47	21
8	35	74	27	15	27	49	88	-14	11	15
Ans										

Global Association of Japanese Soroban & Mental Arithmetic
International Competition ~ 2019
Grade/Kyu/Level - 8
Soroban - Time : 6min.

Multiplication
5 Marks each

1	529 x 3 =	
2	222 x 3 =	
3	590 x 4 =	
4	966 x 5 =	
5	124 x 6 =	
6	945 x 5 =	
7	400 x 2 =	
8	707 x 6 =	
9	186 x 9 =	
10	685 x 8 =	
11	784 x 7 =	
12	869 x 7 =	
13	529 x 3 =	
14	129 x 8 =	
15	643 x 4 =	
16	881 x 7 =	
17	720 x 2 =	
18	192 x 8 =	
19	513 x 4 =	
20	148 x 3 =	
21	307 x 6 =	
22	289 x 7 =	
23	882 x 6 =	
24	691 x 8 =	
25	962 x 8 =	
26	739 x 4 =	
27	665 x 3 =	
28	663 x 6 =	
29	952 x 8 =	
30	480 x 8 =	

Division
5 Marks each

1	632 ÷ 8 =	
2	502 ÷ 2 =	
3	212 ÷ 2 =	
4	178 ÷ 2 =	
5	475 ÷ 5 =	
6	297 ÷ 3 =	
7	688 ÷ 4 =	
8	270 ÷ 6 =	
9	392 ÷ 4 =	
10	684 ÷ 6 =	
11	414 ÷ 3 =	
12	854 ÷ 7 =	
13	396 ÷ 2 =	
14	201 ÷ 3 =	
15	915 ÷ 5 =	
16	928 ÷ 4 =	
17	480 ÷ 2 =	
18	234 ÷ 6 =	
19	469 ÷ 7 =	
20	780 ÷ 5 =	
21	960 ÷ 8 =	
22	688 ÷ 8 =	
23	840 ÷ 5 =	
24	513 ÷ 3 =	
25	348 ÷ 4 =	
26	483 ÷ 3 =	
27	560 ÷ 8 =	
28	355 ÷ 5 =	
29	954 ÷ 6 =	
30	780 ÷ 6 =	

Add & Less
10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	78	68	56	10	61	42	12	27	94	45
2	54	67	41	97	90	53	78	19	87	55
3	65	17	65	60	56	-30	59	-26	12	65
4	38	-20	46	64	91	-10	83	22	39	81
5	13	62	93	15	59	89	32	69	33	-48
6	80	37	64	6	42	45	56	66	86	50
7	79	90	72	90	47	90	20	19	85	-12
8	34	-37	34	9	93	67	90	56	15	-24
9	80	9	63	-37	65	-45	36	-26	24	96
10	56	77	17	-11	94	73	27	70	67	95
Ans										

Multiplication — 5 Marks each

No			
1	61 x 48 =		
2	22 x 77 =		
3	53 x 87 =		
4	98 x 35 =		
5	86 x 81 =		
6	39 x 28 =		
7	90 x 35 =		
8	38 x 30 =		
9	38 x 92 =		
10	41 x 82 =		
11	40 x 64 =		
12	93 x 63 =		
13	92 x 17 =		
14	38 x 23 =		
15	55 x 61 =		
16	89 x 57 =		
17	92 x 19 =		
18	18 x 94 =		
19	74 x 36 =		
20	31 x 31 =		
21	90 x 85 =		
22	60 x 99 =		
23	88 x 86 =		
24	62 x 71 =		
25	68 x 50 =		
26	34 x 89 =		
27	43 x 64 =		
28	69 x 56 =		
29	13 x 77 =		
30	24 x 37 =		

Division — 5 Marks each

No			
1	7035 ÷ 7 =		
2	2954 ÷ 7 =		
3	5268 ÷ 4 =		
4	4257 ÷ 3 =		
5	3597 ÷ 3 =		
6	1308 ÷ 6 =		
7	6904 ÷ 2 =		
8	2718 ÷ 6 =		
9	9408 ÷ 6 =		
10	2106 ÷ 3 =		
11	2904 ÷ 6 =		
12	4424 ÷ 4 =		
13	9488 ÷ 2 =		
14	1402 ÷ 2 =		
15	5320 ÷ 5 =		
16	5684 ÷ 2 =		
17	9345 ÷ 5 =		
18	1724 ÷ 2 =		
19	2406 ÷ 6 =		
20	9714 ÷ 6 =		
21	4425 ÷ 5 =		
22	6552 ÷ 3 =		
23	1490 ÷ 2 =		
24	4239 ÷ 3 =		
25	6160 ÷ 7 =		
26	6635 ÷ 5 =		
27	8805 ÷ 3 =		
28	9316 ÷ 2 =		
29	7684 ÷ 2 =		
30	6060 ÷ 2 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	14	27	27	31	92	19	64	70	42	29
2	34	84	45	38	41	17	86	60	30	37
3	53	-22	62	21	20	-23	65	-24	72	33
4	48	-37	54	32	48	41	11	54	51	13
5	12	-7	72	43	62	-26	52	33	18	41
6	12	33	24	30	50	10	89	43	74	33
7	76	-15	43	73	48	-31	58	94	61	81
8	26	31	54	-19	48	21	90	-31	80	88
9	48	6	50	24	70	70	24	66	12	-7
10	62	74	28	-7	65	-46	35	58	73	74
Ans										
Ans										

Multiplication — 5 Marks each

No			
1	85 x 31 =		
2	61 x 49 =		
3	96 x 74 =		
4	73 x 90 =		
5	83 x 61 =		
6	32 x 69 =		
7	61 x 35 =		
8	86 x 44 =		
9	73 x 43 =		
10	88 x 81 =		
11	30 x 73 =		
12	98 x 42 =		
13	68 x 78 =		
14	36 x 67 =		
15	71 x 66 =		

Division — 5 Marks each

No			
1	3397 ÷ 43 =		
2	8791 ÷ 59 =		
3	9264 ÷ 12 =		
4	2800 ÷ 20 =		
5	4053 ÷ 21 =		
6	3294 ÷ 18 =		
7	2013 ÷ 61 =		
8	8060 ÷ 26 =		
9	9831 ÷ 29 =		
10	8778 ÷ 14 =		
11	5542 ÷ 34 =		
12	2117 ÷ 29 =		
13	5957 ÷ 23 =		
14	2625 ÷ 15 =		
15	5655 ÷ 13 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	905	549	246	975	711	299	550	890	985	419
2	160	-57	846	-96	286	417	309	53	883	461
3	590	740	148	393	942	253	677	102	351	411
4	619	426	809	567	516	352	932	-99	705	-94
5	979	859	645	974	750	197	895	-20	535	593
6	326	707	917	868	867	735	902	-58	675	451
7	197	331	292	761	869	926	265	97	774	714
8	465	-91	768	418	749	292	874	861	456	635
9	808	576	615	333	742	992	682	570	656	634
10	305	681	263	902	289	-108	919	854	897	-31
Ans										

Multiplication — 5 Marks each

1	483 x 63 =		
2	295 x 25 =		
3	872 x 23 =		
4	486 x 66 =		
5	793 x 56 =		
6	774 x 35 =		
7	159 x 36 =		
8	355 x 50 =		
9	649 x 86 =		
10	554 x 25 =		
11	124 x 94 =		
12	552 x 69 =		
13	307 x 86 =		
14	654 x 62 =		
15	190 x 59 =		

Division — 5 Marks each

1	2686 ÷ 79 =		
2	1178 ÷ 19 =		
3	3124 ÷ 71 =		
4	9882 ÷ 81 =		
5	8091 ÷ 29 =		
6	7680 ÷ 40 =		
7	3311 ÷ 77 =		
8	1564 ÷ 92 =		
9	8876 ÷ 28 =		
10	5588 ÷ 22 =		
11	1320 ÷ 15 =		
12	4914 ÷ 21 =		
13	4464 ÷ 16 =		
14	3690 ÷ 18 =		
15	7216 ÷ 16 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	5662	1476	2518	7690	1746	4608	5177	6271	2600	4796
2	7281	-245	2775	-1922	7282	8888	5622	297	2424	-1652
3	4787	7282	7464	7082	6519	7441	3241	9288	1501	-499
4	5001	1078	6193	6203	6101	-1903	5142	3402	8354	7637
5	3324	5631	1969	9043	5304	2512	1756	3071	6902	4742
6	9512	7953	1522	8286	1420	-110	6660	5514	8931	6221
7	7593	3126	6790	-399	4844	4080	2414	8390	9707	1535
8	1795	3485	4262	2215	2055	4632	1850	-1967	9261	6791
9	1294	4180	8260	2486	2721	3689	8276	6523	4370	2187
10	1934	-875	9291	-1003	4739	9510	1666	-828	1627	7623
Ans										

Multiplication — 5 Marks each

No			
1	693 x 86 =		
2	276 x 53 =		
3	872 x 12 =		
4	802 x 74 =		
5	925 x 92 =		
6	937 x 97 =		
7	687 x 21 =		
8	711 x 24 =		
9	431 x 68 =		
10	212 x 35 =		
11	489 x 14 =		
12	719 x 71 =		
13	174 x 98 =		
14	798 x 68 =		
15	264 x 97 =		

Division — 5 Marks each

No			
1	67716 ÷ 209 =		
2	66216 ÷ 356 =		
3	99777 ÷ 421 =		
4	22724 ÷ 247 =		
5	36570 ÷ 318 =		
6	35640 ÷ 132 =		
7	70490 ÷ 265 =		
8	38192 ÷ 341 =		
9	70215 ÷ 151 =		
10	30128 ÷ 538 =		
11	40608 ÷ 288 =		
12	69300 ÷ 630 =		
13	11640 ÷ 291 =		
14	64400 ÷ 280 =		
15	33985 ÷ 971 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	54278	12332	36116	52783	15333	10943	32843	13441	12087	32708
2	43203	41261	47964	79285	51134	53705	66580	35966	35689	47550
3	45328	46468	85743	67453	12051	-5455	66888	38902	15731	49434
4	36481	-8574	15641	42724	78211	-18735	75485	-18439	27322	75863
5	64222	92332	53192	38601	27820	81606	77704	73968	85002	-3284
6	76944	44396	67382	-1409	84156	79034	80623	88879	99450	58323
7	76983	-12730	14436	26477	35572	48841	83599	50954	93809	24526
8	36991	-9819	63449	99957	81751	53317	88538	-17658	22533	3039
9	94975	17304	73478	-19592	78646	33390	34835	28499	96769	55003
10	33973	45218	29991	83119	76425	-7113	56748	47342	49387	-10650
Ans										

Multiplication — 5 Marks each

1	3827.2 x 414 =		
2	9483.1 x 476 =		
3	4156 x 982.6 =		
4	4659 x 675.9 =		
5	9569.2 x 667 =		
6	7034.2 x 298 =		
7	3552 x 969.2 =		
8	3413 x 575.2 =		
9	8894.2 x 253 =		
10	1886.2 x 289 =		
11	9211 x 271.5 =		
12	4124 x 351.1 =		
13	1226.2 x 251 =		
14	5355.1 x 849 =		
15	4803 x 859.1 =		

Division — 5 Marks each

1	68244 ÷ 694.13 =		
2	71703 ÷ 504.14 =		
3	17585.21 ÷ 360 =		
4	95321.54 ÷ 991 =		
5	18799 ÷ 502.19 =		
6	30545 ÷ 114.16 =		
7	71056.12 ÷ 151 =		
8	59012.17 ÷ 526 =		
9	41052 ÷ 790.13 =		
10	97595 ÷ 686.4 =		
11	51794.12 ÷ 213 =		
12	11144.15 ÷ 679 =		
13	68757 ÷ 561.19 =		
14	18459 ÷ 187.36 =		
15	85523.17 ÷ 218 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	1477.10	4711.47	3039.11	6693.13	4621.11	1898.20	2530.37	2484.21	7433.63	9822.15
2	5363.17	228.12	8270.59	8523.21	2111.18	5946.70	6348.19	5178.20	6540.27	4671.12
3	3444.15	9396.13	5816.23	1619.17	3235.21	9480.15	7417.65	5526.12	5655.11	-1051.20
4	8920.46	7600.19	5810.15	1378.45	4637.51	7441.18	5503.15	5376.28	3337.20	9228.12
5	8568.38	801.18	6666.20	8823.20	1963.13	-584.24	3151.20	9448.13	1210.49	4272.62
6	4112.57	9658.51	5273.76	3601.19	4933.21	-1002.87	8053.17	9952.14	6510.20	1414.31
7	3426.21	-317.85	5841.12	-581.36	8088.12	8657.20	7985.81	6736.19	7920.21	5089.15
8	3001.20	-917.39	7650.58	9638.13	5922.11	-774.04	4975.15	8839.37	7308.48	-1085.79
9	2096.20	9683.15	2422.70	-298.84	7007.44	9881.16	4836.21	-875.86	9311.46	4327.14
10	3194.18	8001.18	2421.18	2441.97	3480.33	6729.20	1417.12	2469.21	2191.20	5908.12
Ans										

Total Time Limit : 6 min

5 Marks each

Multiplication

1	8843 x 141.11 =		
2	2856.22 x 513 =		
3	8537 x 249.21 =		
4	6290.14 x 288 =		
5	5511 x 195.58 =		
6	6439.12 x 636 =		
7	9763 x 475.18 =		
8	2335.12 x 251 =		
9	2393 x 781.16 =		
10	2672.27 x 822 =		
11	4298 x 504.84 =		
12	6865.35 x 317 =		
13	3673 x 349.12 =		
14	5005.21 x 895 =		
15	7624 x 881.13 =		

5 Marks each

Division

1	871050 ÷ 852.8 =		
2	204212.2 ÷ 202 =		
3	604352 ÷ 902.1 =		
4	690844.2 ÷ 409 =		
5	372960 ÷ 142.7 =		
6	507876.9 ÷ 236 =		
7	796537 ÷ 816.3 =		
8	423307.1 ÷ 313 =		
9	725173 ÷ 922.3 =		
10	530856.6 ÷ 326 =		
11	179711 ÷ 892.8 =		
12	938567.7 ÷ 720 =		
13	384436 ÷ 829.2 =		
14	939784.6 ÷ 688 =		
15	826177 ÷ 439.3 =		

Add & Less

10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	29360.86	18884.10	32512.11	24432.19	1920.15	94441.69	71055.16	31105.23	22096.12	23451.33
2	51274.77	-4942.44	6780.12	36235.14	37319.29	18777.35	97625.12	34732.11	70058.20	3970.58
3	90156.12	96072.18	61754.18	-328.21	58631.94	36629.14	98250.17	22461.63	69920.53	7990.34
4	30365.13	33930.15	40671.66	60719.11	21771.15	75209.40	22474.74	7124.17	70685.16	24219.85
5	39709.57	10196.21	9110.19	48256.21	81627.50	90043.15	15764.11	68328.37	89942.12	4813.28
6	45979.21	87367.18	90752.26	84532.21	71847.15	-2080.44	78516.19	72459.15	21199.13	29635.16
7	32216.19	39132.42	68397.95	40089.17	44078.89	13565.19	56691.83	63275.18	78137.26	12360.48
8	56636.69	44937.67	74705.45	73565.18	84233.37	7878.11	6709.16	86879.42	75925.15	70914.50
9	75065.89	10351.17	64042.75	15479.21	21256.47	44732.14	64891.14	-10037.81	81855.12	-579.40
10	68890.58	55136.29	69888.21	66934.13	53567.89	52322.12	91926.50	79832.16	7013.26	43482.20
Ans										

Total Time Limit : 6 min

5 Marks each

Multiplication

1	4209 x 742.34 =		
2	9067.18 x 166 =		
3	2893 x 176.67 =		
4	6494.17 x 442 =		
5	5899 x 741.22 =		
6	6090.37 x 247 =		
7	2384 x 597.62 =		
8	9574.39 x 537 =		
9	1683 x 719.14 =		
10	7112.18 x 935 =		
11	4708 x 582.34 =		
12	4128.18 x 554 =		
13	4569 x 117.21 =		
14	6711.16 x 933 =		
15	8862 x 125.18 =		

5 Marks each

Division

1	449814 ÷ 190.85 =		
2	321708.44 ÷ 481 =		
3	223158 ÷ 947.16 =		
4	879579.53 ÷ 791 =		
5	757780 ÷ 583.16 =		
6	365241.85 ÷ 302 =		
7	377753 ÷ 916.21 =		
8	628653.15 ÷ 198 =		
9	729818 ÷ 894.27 =		
10	487787.14 ÷ 426 =		
11	914788 ÷ 780.21 =		
12	350258.17 ÷ 462 =		
13	135427 ÷ 182.15 =		
14	416092.14 ÷ 368 =		
15	719926 ÷ 194.34 =		

Add & Less

10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	164371.16	140920.12	998232.12	775559.19	756460.16	566659.40	508090.13	578554.23	989349.96	356596.99
2	978160.98	579996.17	165534.55	968379.11	374358.19	746870.11	989878.21	506513.17	326389.37	578334.20
3	413700.14	64838.25	535561.69	-77536.89	124430.12	987817.00	619966.11	134680.10	554421.11	359280.14
4	965275.51	305525.18	262087.10	542392.14	107733.12	-86436.84	825096.36	192616.14	190159.16	542427.21
5	383319.15	194553.14	12317.11	-67487.27	203542.75	979457.12	760636.21	467731.12	338686.17	-75788.79
6	801476.71	272299.17	625792.63	83774.13	315427.13	207762.20	413617.15	99145.12	477704.30	467831.12
7	321554.20	353425.13	729153.77	201804.36	183758.12	228407.20	508378.19	340902.18	862095.15	50819.13
8	131215.18	898386.94	512521.16	198231.10	52642.18	657320.97	301687.26	20500.21	541996.67	133449.20
9	538726.12	-23112.90	217096.84	502181.13	192256.43	623347.95	918009.97	-57088.80	150930.95	221915.55
10	871491.82	360923.13	576390.13	53725.63	764992.11	599200.19	56549.13	78018.13	450146.67	761956.47
Ans										

Add & Less   10 Marks each

A

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2	5	2	1	6	5	5	6	2	3	1	5	2	5	1
2	1	1	2	7	2	1	2	1	5	1	1	2	2	3	5
3	1	2	5	1	1	3	2	2	1	5	7	1	5	1	1
Ans.															
Ans.															

B

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	3	5	6	1	7	1	2	2	5	1	5	1	2	3	1
2	1	2	2	5	1	3	1	5	3	2	2	1	1	1	2
3	5	2	1	1	1	5	1	1	1	5	1	2	5	5	1
Ans.															
Ans.															

C

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1	2	5	1	1	6	1	5	5	1	1	1	5	2	5
2	1	1	2	5	2	1	1	1	1	1	5	1	2	5	1
3	2	5	1	1	1	1	6	2	1	5	2	5	1	1	2
4	5	1	1	2	5	1	1	1	1	2	1	1	1	1	1
Ans.															
Ans.															

D

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2	1	5	1	5	1	5	1	2	1	2	1	5	1	1
2	1	1	1	5	1	1	2	1	5	1	1	1	1	2	1
3	5	1	1	1	1	5	1	1	1	2	5	5	2	1	1
4	1	1	1	1	1	1	1	5	1	5	1	2	1	5	5
Ans.															
Ans.															

Add & Less   10 Marks each

A

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	6	5	5	9	3	8	5	2	2	4	4	5	8	4	3
2	5	5	8	2	4	7	5	7	4	4	8	5	8	6	7
3	2	4	6	6	5	5	2	3	3	8	4	6	5	7	9
Ans.															
Ans.															

B

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	6	6	7	2	6	5	2	5	5	5	9	7	3	8	7
2	3	3	3	7	7	7	8	8	7	4	2	7	7	5	2
3	4	3	8	8	8	4	7	8	6	7	5	5	2	3	4
4	5	8	4	9	6	6	3	3	8	3	5	4	8	6	8
Ans.															
Ans.															

C

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2	8	4	2	4	6	6	8	5	6	8	6	6	9	2
2	6	2	7	3	8	6	4	3	9	9	6	7	3	3	3
3	2	5	8	5	8	4	5	4	4	6	5	6	4	2	5
4	8	4	6	4	5	8	8	6	5	3	7	7	3	2	6
5	6	2	6	5	3	5	3	6	7	8	9	4	5	7	7
Ans.															
Ans.															

D

No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	6	4	8	3	7	4	8	6	8	4	5	5	8	7	7
2	8	3	3	3	9	2	9	2	8	3	6	9	8	7	7
3	5	6	5	4	1	6	5	9	4	2	7	4	2	3	3
4	3	6	8	6	6	6	8	2	7	6	3	7	5	4	5
5	8	4	7	3	9	7	6	4	4	5	3	3	7	7	6
Ans.															
Ans.															

A Multiplication   5 Marks each

1	8 x 4 =		
2	5 x 3 =		
3	5 x 9 =		
4	4 x 7 =		
5	6 x 5 =		
6	9 x 2 =		
7	8 x 2 =		
8	9 x 4 =		
9	8 x 8 =		
10	2 x 7 =		
11	4 x 5 =		
12	2 x 3 =		
13	6 x 4 =		
14	6 x 8 =		
15	7 x 6 =		

Multiplication   5 Marks each

16	8 x 7 =		
17	5 x 8 =		
18	9 x 5 =		
19	3 x 7 =		
20	7 x 9 =		
21	5 x 2 =		
22	2 x 2 =		
23	4 x 8 =		
24	8 x 4 =		
25	3 x 5 =		
26	9 x 3 =		
27	8 x 6 =		
28	3 x 6 =		
29	4 x 3 =		
30	8 x 4 =		

B Add & Less   10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	5	5	1	3	8	5	8	3	1	9
2	8	6	5	8	2	7	8	7	6	4
3	6	5	4	1	3	3	4	6	5	1
4	2	6	6	5	3	1	7	6	1	3
5	8	6	3	3	7	1	3	5	6	5
6	7	1	6	8	4	1	3	6	1	1
Ans										
Ans										

No	1	2	3	4	5	6	7	8	9	10
1	6	3	3	8	4	4	3	4	3	2
2	4	9	4	4	8	5	1	5	4	5
3	1	1	5	3	8	6	1	3	4	3
4	6	8	2	1	3	4	4	4	8	6
5	6	8	7	1	2	9	2	7	2	5
6	7	4	4	8	1	5	7	3	8	8
Ans										
Ans										

Global Association of Japanese Soroban & Mental Arithmetic
International Competition ~ 2019
Grade/Kyu/Level - 9
Anzan - Time : 2min.

Multiplication — 5 Marks each

#			
1	2 x 3 =		
2	4 x 5 =		
3	3 x 8 =		
4	6 x 7 =		
5	2 x 9 =		
6	5 x 7 =		
7	2 x 4 =		
8	3 x 3 =		
9	4 x 4 =		
10	7 x 2 =		
11	6 x 8 =		
12	4 x 4 =		
13	3 x 2 =		
14	9 x 4 =		
15	6 x 3 =		
16	2 x 4 =		
17	5 x 9 =		
18	6 x 3 =		
19	8 x 2 =		
20	4 x 3 =		
21	7 x 7 =		
22	6 x 2 =		
23	5 x 8 =		
24	6 x 2 =		
25	4 x 5 =		
26	3 x 9 =		
27	8 x 6 =		
28	2 x 9 =		
29	7 x 5 =		
30	2 x 8 =		

Division — 5 Marks each

#			
1	3 ÷ 2 =		
2	6 ÷ 2 =		
3	3 ÷ 3 =		
4	7 ÷ 7 =		
5	4 ÷ 2 =		
6	8 ÷ 2 =		
7	9 ÷ 3 =		
8	4 ÷ 2 =		
9	6 ÷ 3 =		
10	9 ÷ 3 =		
11	4 ÷ 4 =		
12	6 ÷ 3 =		
13	5 ÷ 5 =		
14	9 ÷ 3 =		
15	2 ÷ 2 =		
16	8 ÷ 4 =		
17	6 ÷ 2 =		
18	9 ÷ 3 =		
19	8 ÷ 2 =		
20	4 ÷ 4 =		
21	6 ÷ 3 =		
22	8 ÷ 4 =		
23	6 ÷ 2 =		
24	9 ÷ 3 =		
25	7 ÷ 7 =		
26	6 ÷ 3 =		
27	4 ÷ 4 =		
28	4 ÷ 2 =		
29	6 ÷ 3 =		
30	4 ÷ 2 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	3	8	5	7	6	5	4	6	4	6
2	2	3	9	8	3	3	2	8	8	3
3	4	6	3	2	2	2	3	3	3	4
4	9	2	4	5	1	2	6	1	7	2
5	6	3	5	3	5	4	4	2	4	1
6	4	8	1	2	7	3	8	4	5	1
7	8	2	7	1	6	1	9	8	2	4
8	1	8	9	5	5	3	7	6	7	2
Ans										

Multiplication — 5 Marks each

#			
1	5 x 2 =		
2	2 x 3 =		
3	9 x 2 =		
4	7 x 6 =		
5	5 x 3 =		
6	6 x 2 =		
7	5 x 9 =		
8	6 x 3 =		
9	8 x 2 =		
10	4 x 3 =		
11	7 x 4 =		
12	5 x 3 =		
13	2 x 8 =		
14	8 x 8 =		
15	9 x 7 =		
16	3 x 9 =		
17	5 x 3 =		
18	7 x 4 =		
19	3 x 9 =		
20	7 x 6 =		
21	6 x 8 =		
22	4 x 5 =		
23	7 x 4 =		
24	9 x 5 =		
25	3 x 8 =		
26	7 x 5 =		
27	6 x 3 =		
28	2 x 6 =		
29	4 x 3 =		
30	8 x 2 =		

Division — 5 Marks each

#			
1	22 ÷ 2 =		
2	80 ÷ 4 =		
3	24 ÷ 3 =		
4	24 ÷ 2 =		
5	40 ÷ 5 =		
6	56 ÷ 2 =		
7	32 ÷ 8 =		
8	36 ÷ 3 =		
9	24 ÷ 8 =		
10	16 ÷ 4 =		
11	12 ÷ 2 =		
12	30 ÷ 5 =		
13	98 ÷ 2 =		
14	54 ÷ 6 =		
15	30 ÷ 2 =		
16	54 ÷ 2 =		
17	75 ÷ 5 =		
18	84 ÷ 6 =		
19	49 ÷ 7 =		
20	55 ÷ 5 =		
21	72 ÷ 8 =		
22	12 ÷ 6 =		
23	48 ÷ 4 =		
24	39 ÷ 3 =		
25	24 ÷ 2 =		
26	27 ÷ 3 =		
27	72 ÷ 8 =		
28	93 ÷ 3 =		
29	85 ÷ 5 =		
30	14 ÷ 7 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	5	3	4	5	6	5	5	5	4	6
2	8	8	9	2	3	5	7	4	2	2
3	4	1	5	6	3	3	2	6	5	5
4	6	7	2	5	1	3	3	3	1	2
5	7	8	9	7	7	2	4	1	8	3
6	8	9	5	4	4	7	4	7	3	8
7	3	4	3	8	6	3	2	5	6	4
8	3	3	4	5	7	6	2	7	2	7
9	2	5	5	7	8	3	3	5	4	3
10	1	4	6	6	3	9	4	6	7	8
Ans										

Multiplication — 5 Marks each

No			
1	78 x 6		
2	13 x 8		
3	29 x 4		
4	63 x 5		
5	17 x 6		
6	61 x 5		
7	65 x 8		
8	50 x 3		
9	73 x 8		
10	62 x 8		
11	15 x 4		
12	46 x 5		
13	27 x 6		
14	16 x 5		
15	22 x 8		
16	29 x 2		
17	37 x 5		
18	12 x 5		
19	45 x 8		
20	14 x 3		
21	98 x 5		
22	93 x 7		
23	75 x 7		
24	17 x 5		
25	38 x 8		
26	22 x 3		
27	80 x 5		
28	34 x 4		
29	70 x 7		
30	61 x 7		

Division — 5 Marks each

No			
1	45 ÷ 5 =		
2	21 ÷ 3 =		
3	16 ÷ 8 =		
4	76 ÷ 2 =		
5	90 ÷ 6 =		
6	80 ÷ 2 =		
7	42 ÷ 6 =		
8	12 ÷ 2 =		
9	60 ÷ 5 =		
10	12 ÷ 6 =		
11	27 ÷ 3 =		
12	27 ÷ 3 =		
13	70 ÷ 2 =		
14	54 ÷ 6 =		
15	36 ÷ 6 =		
16	78 ÷ 2 =		
17	96 ÷ 6 =		
18	70 ÷ 5 =		
19	33 ÷ 3 =		
20	90 ÷ 6 =		
21	44 ÷ 2 =		
22	77 ÷ 7 =		
23	33 ÷ 3 =		
24	46 ÷ 2 =		
25	70 ÷ 5 =		
26	30 ÷ 5 =		
27	68 ÷ 2 =		
28	40 ÷ 8 =		
29	52 ÷ 4 =		
30	68 ÷ 2 =		

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	1	5	8	5	6	3	2	9	8	5
2	4	7	2	9	5	6	3	3	8	7
3	6	4	6	6	2	3	1	4	4	9
4	2	2	9	3	7	8	5	2	1	2
5	6	3	3	7	3	4	6	8	7	7
6	5	7	2	8	6	1	4	7	3	3
7	2	5	4	3	1	2	7	1	8	4
8	5	7	1	4	9	7	3	5	8	1
9	9	2	2	5	1	2	1	4	5	7
10	2	7	7	2	9	6	2	8	4	5
11	3	1	2	1	4	8	6	3	1	3
12	7	9	3	6	6	3	8	4	3	3
Ans										
Ans										

Multiplication — 5 Marks each

No	Problem
1	522 x 2 =
2	437 x 9 =
3	980 x 7 =
4	868 x 2 =
5	468 x 6 =
6	155 x 8 =
7	162 x 3 =
8	125 x 8 =
9	275 x 4 =
10	262 x 3 =
11	388 x 5 =
12	771 x 8 =
13	423 x 3 =
14	116 x 8 =
15	673 x 9 =

Division — 5 Marks each

No	Problem
1	549 ÷ 3 =
2	320 ÷ 8 =
3	625 ÷ 5 =
4	612 ÷ 9 =
5	534 ÷ 6 =
6	892 ÷ 2 =
7	927 ÷ 3 =
8	436 ÷ 4 =
9	574 ÷ 7 =
10	434 ÷ 2 =
11	222 ÷ 3 =
12	690 ÷ 2 =
13	792 ÷ 9 =
14	114 ÷ 6 =
15	944 ÷ 8 =

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	98	60	66	40	69	81	85	47	92	52
2	19	56	85	43	95	32	70	45	32	58
3	65	14	22	18	21	13	14	15	75	42
4	58	24	50	29	98	76	16	11	20	33
5	51	94	85	71	87	90	60	41	20	51
6	78	67	76	37	47	24	72	54	38	82
7	33	26	27	86	35	37	47	26	79	82
Ans										
Ans										

Multiplication — 5 Marks each

1	696 x 2 =	
2	650 x 3 =	
3	395 x 8 =	
4	247 x 6 =	
5	179 x 9 =	
6	642 x 5 =	
7	921 x 4 =	
8	760 x 6 =	
9	509 x 8 =	
10	249 x 3 =	
11	688 x 8 =	
12	858 x 5 =	
13	824 x 4 =	
14	733 x 3 =	
15	248 x 7 =	

Division — 5 Marks each

1	672 ÷ 8 =	
2	816 ÷ 2 =	
3	342 ÷ 3 =	
4	936 ÷ 6 =	
5	172 ÷ 4 =	
6	875 ÷ 7 =	
7	288 ÷ 9 =	
8	664 ÷ 4 =	
9	717 ÷ 3 =	
10	792 ÷ 4 =	
11	324 ÷ 9 =	
12	837 ÷ 3 =	
13	910 ÷ 7 =	
14	490 ÷ 5 =	
15	791 ÷ 7 =	

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	51	81	69	89	41	18	74	72	87	77
2	73	77	33	58	26	86	22	97	75	66
3	76	58	29	79	49	65	23	57	40	67
4	70	54	20	53	55	27	56	12	36	93
5	37	17	87	23	40	37	85	83	46	25
6	14	33	31	43	67	34	33	63	80	25
7	22	88	39	27	41	63	24	48	93	23
8	48	11	40	36	93	93	90	35	27	28
9	52	67	12	96	55	51	65	57	28	28
10	61	12	37	50	47	28	55	94	85	48
Ans										
Ans										

Multiplication — 5 Marks each

#		
1	687 x 8 =	
2	223 x 2 =	
3	152 x 8 =	
4	832 x 8 =	
5	556 x 5 =	
6	587 x 6 =	
7	962 x 6 =	
8	723 x 4 =	
9	674 x 2 =	
10	172 x 7 =	
11	764 x 6 =	
12	570 x 6 =	
13	494 x 2 =	
14	365 x 2 =	
15	339 x 4 =	

Division — 5 Marks each

#		
1	6192 ÷ 2 =	
2	4304 ÷ 4 =	
3	5774 ÷ 2 =	
4	6324 ÷ 6 =	
5	6832 ÷ 2 =	
6	8364 ÷ 3 =	
7	6831 ÷ 3 =	
8	4542 ÷ 3 =	
9	3380 ÷ 2 =	
10	7965 ÷ 5 =	
11	8688 ÷ 2 =	
12	6654 ÷ 6 =	
13	4707 ÷ 3 =	
14	9175 ÷ 5 =	
15	8304 ÷ 8 =	

Add & Less — 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	826	992	895	704	579	330	847	212	853	621
2	374	611	619	716	239	177	129	897	332	396
3	814	796	959	608	479	429	324	475	384	166
4	776	559	263	223	382	233	668	183	521	790
5	874	428	494	769	435	458	486	320	646	461
6	639	630	909	954	486	991	126	943	147	416
7	495	800	663	921	654	251	173	876	297	531
Ans										
Ans										

Multiplication 5 Marks each

No	Problem
1	3945 x 6 =
2	5719 x 8 =
3	8291 x 9 =
4	1707 x 7 =
5	4042 x 7 =
6	6528 x 2 =
7	4122 x 2 =
8	7599 x 7 =
9	8239 x 6 =
10	7360 x 2 =
11	7234 x 7 =
12	9840 x 5 =
13	4037 x 3 =
14	8726 x 7 =
15	6371 x 6 =

Division 5 Marks each

No	Problem
1	4096 ÷ 2 =
2	8913 ÷ 3 =
3	9174 ÷ 2 =
4	5596 ÷ 2 =
5	4665 ÷ 5 =
6	9730 ÷ 7 =
7	2355 ÷ 5 =
8	8660 ÷ 4 =
9	9756 ÷ 4 =
10	9969 ÷ 3 =
11	3114 ÷ 3 =
12	2944 ÷ 8 =
13	1575 ÷ 7 =
14	1476 ÷ 3 =
15	5598 ÷ 2 =

Add & Less 10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	547	336	654	702	166	180	787	948	229	728
2	377	245	475	396	909	250	113	693	798	876
3	742	293	972	182	826	732	196	822	174	521
4	441	461	828	823	732	413	634	951	326	221
5	747	588	559	173	860	465	994	461	606	805
6	587	160	261	861	911	144	660	622	545	238
7	250	232	442	493	874	338	638	759	140	982
8	617	464	524	716	655	802	329	774	868	954
9	499	550	707	574	250	172	120	961	192	254
10	898	124	224	144	323	943	372	476	494	184
Ans										

Global Association of Japanese Soroban & Mental Arithmetic
International Competition ~ 2019
Grade/Kyu/Level - 2
Anzan

5 Marks each **Total Time Limit : 2 min**

Multiplication

1	6305 x 8
2	9711 x 4
3	6446 x 7
4	7196 x 4
5	6480 x 8
6	1240 x 4
7	4022 x 7
8	1237 x 3
9	9699 x 8
10	3006 x 6
11	7026 x 8
12	5750 x 4
13	7538 x 7
14	2942 x 3
15	3710 x 7

Division

1	7740 ÷ 5 =
2	5391 ÷ 3 =
3	1648 ÷ 4 =
4	7218 ÷ 6 =
5	3828 ÷ 4 =
6	6284 ÷ 2 =
7	5808 ÷ 6 =
8	9215 ÷ 5 =
9	8142 ÷ 3 =
10	4160 ÷ 8 =
11	4762 ÷ 2 =
12	1416 ÷ 2 =
13	5598 ÷ 3 =
14	9936 ÷ 9 =
15	2065 ÷ 5 =

Add & Less   10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	590	815	387	741	540	139	364	967	563	607
2	519	850	280	873	725	825	943	954	569	914
3	490	243	844	671	436	142	170	816	573	152
4	510	476	393	381	358	570	286	966	742	256
5	432	713	717	273	755	637	961	821	896	237
6	672	256	488	123	252	339	469	719	340	874
7	420	321	130	893	829	957	138	176	516	511
8	759	882	137	899	665	154	318	792	677	203
9	474	496	900	655	553	463	932	425	450	164
10	218	691	122	117	831	338	899	386	613	274
11	333	426	892	317	210	452	398	525	663	144
12	310	333	506	780	474	290	186	394	681	759
Ans										

Global Association of Japanese Soroban & Mental Arithmetic
International Competition ~ 2019
Grade/Kyu/Level - 1
Anzan

5 Marks each   **Total Time Limit : 2 min**

Multiplication

1	1961 x 3 =	
2	6748 x 3 =	
3	3147 x 4 =	
4	6031 x 5 =	
5	3088 x 5 =	
6	3755 x 7 =	
7	6028 x 3 =	
8	7950 x 3 =	
9	1858 x 5 =	
10	6220 x 7 =	
11	7493 x 4 =	
12	1681 x 2 =	
13	5844 x 7 =	
14	3751 x 5 =	
15	2192 x 8 =	

Division

1	9384 ÷ 8 =	
2	1992 ÷ 2 =	
3	1974 ÷ 3 =	
4	7968 ÷ 6 =	
5	9948 ÷ 4 =	
6	3476 ÷ 4 =	
7	5600 ÷ 8 =	
8	3268 ÷ 4 =	
9	6629 ÷ 7 =	
10	4515 ÷ 3 =	
11	2970 ÷ 5 =	
12	5950 ÷ 2 =	
13	1624 ÷ 2 =	
14	3126 ÷ 6 =	
15	7011 ÷ 3 =	

Add & Less   10 Marks each

No	1	2	3	4	5	6	7	8	9	10
1	155	724	159	244	454	680	514	649	862	205
2	839	148	856	810	493	920	365	455	997	654
3	484	778	170	381	483	619	712	300	927	178
4	432	217	836	693	902	385	851	545	803	516
5	803	718	766	400	162	395	994	516	436	860
6	684	425	317	872	996	519	657	418	279	716
7	338	313	729	771	555	198	994	918	625	765
8	723	449	374	972	818	204	305	206	506	942
9	597	889	494	345	681	295	748	579	536	856
10	235	682	774	723	722	566	879	877	654	757
11	579	879	157	558	637	974	565	809	773	401
12	456	182	222	611	513	906	212	488	955	798
Ans										

International Competition - 2019

LE MERIDIEN DUBAI