SSC MTS Official Paper (Held On: 14 Jun, 2023 Shift 2) (Previous Year Paper)

SSC Multi-Tasking Staff (MTS) • 2023 • 90 questions • 90 minutes • Answer key

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SESSION 1

Q1. Marks scored by Reena are plotted on the graph. Calculate how much more marks she scored in science, than hindi?

[Figure: see this question online]

(a) 3
(b) 4
(c) 2
(d) 5

Q2. The sum of 11 numbers is 660. Find their average.

(a) 10
(b) 80
(c) 60
(d) 66

Q3. Rs. 30000 is lent at compound interest (compounded annually) for 3 years. If the rate of interest is 10 percent for the first year, 20 percent for the second year and 30 percent for the third year, then what will be the total compound interest?

(a) Rs. 21480
(b) Rs. 20560
(c) Rs. 22580
(d) Rs. 19270

Q4. The table given below shows the production of bike by two companies in 6 years.

Years	A	B
P	300	550
Q	150	400
R	250	300
S	500	100
T	350	50
U	200	150

J1 = The value of average production of bike by A in year P, Q, R and S.

J2 = The value of average production of bike by B in year T and U.

What is the value of (J1/J2)?

(a) 4
(b) 1
(c) 2
(d) 3

Q5. Find the average speed of a boy if he walks 1/6th distance with a speed of 5 km/hr and rides a bike to cover the remaining distance at a speed of 25 km/hr. The total distance is 60 km.

(a) 12 km/hr
(b) 15 km/hr
(c) 20 km/hr
(d) 13 km/hr

Q6. If at compound interest a certain sum becomes 2 times of itself in 5 years, then in how many years it will become 8 times of itself?

(a) 20 years
(b) 12 years
(c) 18 years
(d) 15 years

Q7. What is the value of ((55+88)÷[(3× 5+4)-64÷ 8])/(28× 7÷56× 4 of (91-78)) ?

(a) 1/14
(b) 1/13
(c) 1/12
(d) 1/11

Q8. The radius of a right circular cylinder is 7 cm. Its height is thrice its radius. What is the curved surface area of the cylinder?

(a) 924 cm^2
(b) 666 cm^2
(c) 724 cm^2
(d) 264 cm^2

Q9. In a company of 6400 employees the ratio of male and female employees is 5 : 3. What will be the number of male employees in the company?

(a) 4500
(b) 3500
(c) 3000
(d) 4000

Q10. Rahul can complete his work in 7 days and Raj can complete the work in 4 days. How many total days will they take to complete the work together?

(a) 28/11 days
(b) 14/11 days
(c) 28/13 days
(d) 15/11 days

Q11. If Ashish can complete 2/3rd the work in 22 days. In how many days will he complete the whole work?

(a) 22 days
(b) 33 days
(c) 30 days
(d) 15 days

Q12. Find the third proportional of two numbers 6 and 24.

(a) 84
(b) 94
(c) 96
(d) 86

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Q13. The time in which a train 1800 m long, travelling at the speed of 30 kmph, will pass a signal pole is:

(a) 220 seconds
(b) 200 seconds
(c) 250 seconds
(d) 216 seconds

Q14. By selling 50 items, a shopkeeper gains the selling price of 10 items. What is his gain percent?

(a) 25%
(b) 15%
(c) 10%
(d) 40%

Q15. An article is bought for Rs. 1600 and sold for Rs. 3200. Find the gain percent.

(a) 75%
(b) 100%
(c) 50%
(d) 90%

Q16. Calculate the total surface area of the cube of side 45 m.

(a) 12150 m^2
(b) 1213 m^2
(c) 2341 m^2
(d) 1342 m^2

Q17. What will be the LCM of 54 and 48?

(a) 423
(b) 412
(c) 456
(d) 432

Q18. Shopkeeper gave 30% discount on the article having marked price Rs. 3500. What will be the selling price of the article?

(a) Rs. 2400
(b) Rs. 2450
(c) Rs. 3000
(d) Rs. 1500

Q19. What is the value of A if $2 + 4 \div (A + 6) \times 2 = 16/7$

(a) 22
(b) 21
(c) 20
(d) 23

Q20. In an exam, out of total number of appeared student's 87 percent students passed, and 3250 students failed. What is the total number of students appeared in the exam?

(a) 26800
(b) 25000
(c) 22500
(d) 28000

Q21. In a certain code language, 'SPEEDS' is coded as 'URGGFU'. What is the code for 'SPOKEN' in that code language?

(a) URQMGP
(b) URPNGP
(c) URQNGP

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(d) URQNGQ

Q22. Seven people P, R, S, T, U, V, and W are standing in a straight row facing North. R is standing second to the left of T. T is standing third to the left of W. R and S are not standing at either of the corners. U is the immediate neighbour of V. V is standing in the second position from the right corner. Who is standing to the immediate left of R?

(a) V
(b) U
(c) P
(d) S

Q23. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Most red are yellow.

Some yellow are green.

Conclusions:

I. Some green are yellow.

II. Some green are red.

(a) Only conclusion II follows
(b) Only conclusion I follows
(c) Neither conclusion I nor II follows
(d) Both conclusions I and II follow

Q24. Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

[Figure: see this question online]

(a)
[Figure: see this question online]
(b)
[Figure: see this question online]
(c)
[Figure: see this question online]
(d)
[Figure: see this question online]

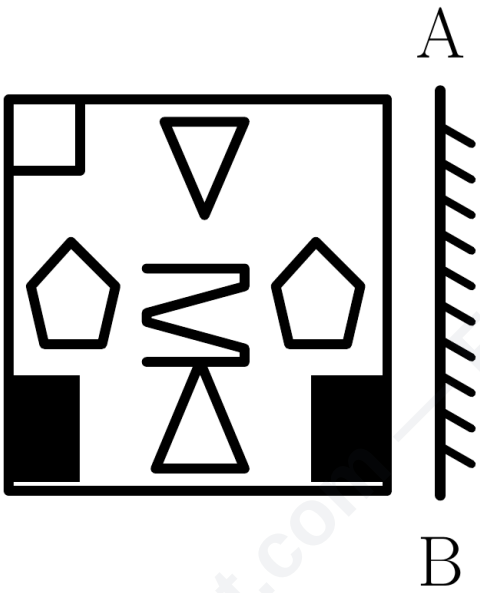
Q25. Select the option that is related to the sixth term in the same way as the first term is related to the second term and third term is related to fourth term.

FGH : GJM :: AKC : BNH :: ? : UUV

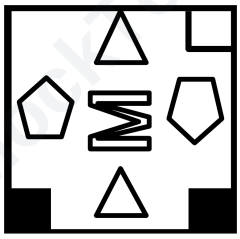
(a) TRQ
(b) TTQ
(c) TSQ
(d) TRR

Q26. If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

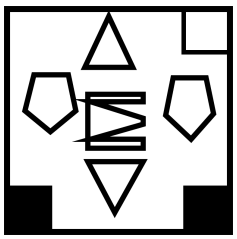
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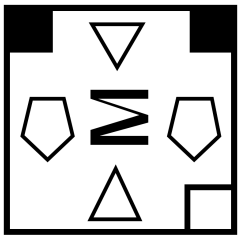
(a)



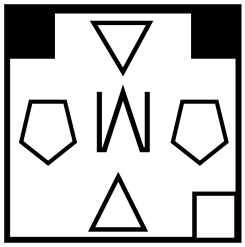
(b)



(c)



(d)



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Q27. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

HSFM : KPIJ :: QDRC : ?

(a) TZAU
(b) TAZU
(c) TAUZ
(d) TUAZ

Q28. In the following question, select the missing number of the given series.

2, 20, 38, 56, 74, ?

(a) 91
(b) 92
(c) 88
(d) 90

Q29. In a certain code language, 'RUE' is written as 'IFV'. How will 'WRY' be written in that language?

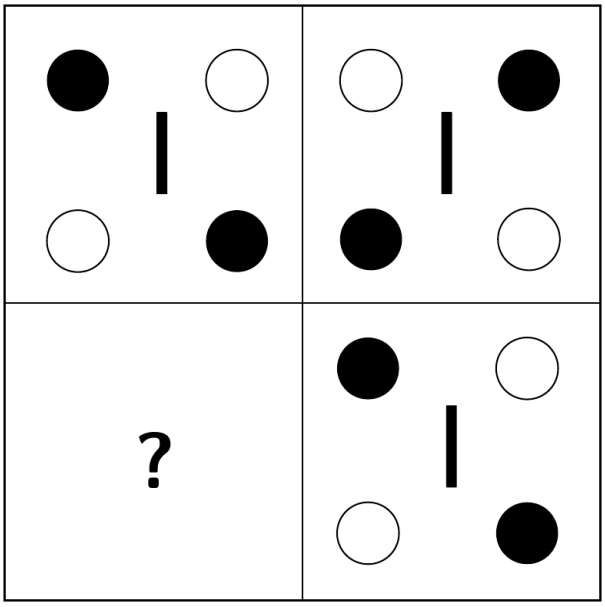
(a) BID
(b) DJB
(c) DIC
(d) DIB

Q30. Select the option that is related to the sixth number in the same way as the first number is related to the second number and third number is related to fourth number.

4 : 63 :: 7 : 342 :: ? : 728

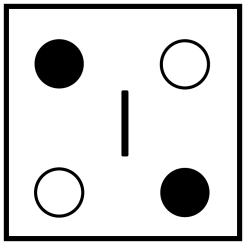
(a) 9
(b) 11
(c) 13
(d) 8

Q31. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (rotation is not allowed)

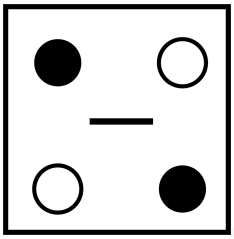


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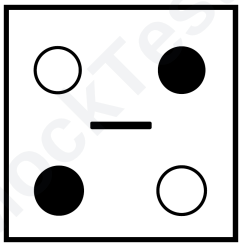
(a)



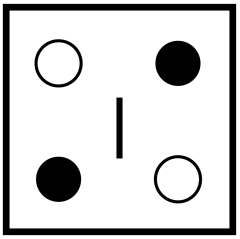
(b)



(c)



(d)



Q32. Which of the following numbers will replace the question mark (?) in the given series?

85, 84, 82, 79, 75, 70, 64, ?

(a) 76
(b) 59
(c) 57
(d) 82

Q33. Which two numbers should be interchanged to make the given equation correct?

8 × 3 - 12 ÷ 6 + 18 = 33

(a) 12 and 33
(b) 12 and 18
(c) 18 and 33
(d) 8 and 3

Q34. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some shows are good.

Some movies are good.

Conclusions:

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I. Some good are movies.

II. Some good are shows.

(a) Only conclusion I follows
(b) Neither conclusion I nor II follows
(c) Both conclusions I and II follow
(d) Only conclusion II follows

Q35. In a certain code language, 'DMQPD' is written as 'ENQQE'. How will 'XAGIV' be written in that language?

(a) YBWJG
(b) YBGJW
(c) YBGIW
(d) YJBGW

Q36. Six people are sitting around a circular table facing the centre. Only D is between P and S. Only X is between M and L. S is sitting to the immediate right of M. Who is sitting immediate right to P?

(a) S
(b) L
(c) M
(d) D

Q37. If A denotes 'addition', B denotes ‘multiplication’, C denotes ‘subtraction’, and D denotes 'division’, then what will be the value of the following equation?

(16 D 4) A 7 C 5 = ?

(a) 6
(b) 8
(c) 5
(d) 3

Q38. Which of the following letters will replace the question mark (?) in the given series?

F, G, I, L, P, U, A, ?

(a) J
(b) G
(c) H
(d) I

Q39. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 74, 85, 96

Second row- 67, 78, 89

Third row- 84, 95, ?

(a) 246
(b) 106
(c) 124
(d) 112

Q40. Seven friends Pradeep, Ashu, Rishi, Sam, Tina, Uma and Vicky's score in an exam are given. No two students get the same marks. Pradeep scored less than Vicky but more than Ashu. Rishi and Tina scored the highest and least marks but not necessarily in the same order. Uma's score was less than only Rishi's score. Sam's score was higher than only one person. Whose marks were in between the marks of Ashu and Tina?

(a) Vicky
(b) Sam
(c) Uma
(d) Pradeep

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SESSION 2

Q41. When was the Gandhi-Irwin pact signed?

(a) 1928
(b) 1935
(c) 1931
(d) 1929

Q42. The Weapons of Mass Destruction and their Delivery Systems (Prohibition of Unlawful Activities) Amendment Bill, 2022 belongs to _____ Ministry of Indian Government.

(a) Finance
(b) Civil Aviation
(c) External Affairs
(d) Defence

Q43. Which is the first month in the Islamic lunar calendar?

(a) Shawwal
(b) Safar
(c) Ramadan
(d) Muharram

Q44. Krishna River flows through _____ state of India.

(a) Odisha
(b) Karnataka
(c) Kerala
(d) Tamil Nadu

Q45. Kitab ul-Hind, an Arabic text was written by _____.

(a) Ibn Battuta
(b) Ziauddin Barani
(c) Al- Biruni
(d) Sultan Mahmud

Q46. As per the Preamble of Indian constitution, India is a _____ country.

(a) Republic
(b) Aristocratic
(c) Religious
(d) Liberal

Q47. What is the term of State legislative assembly in India as per Indian constitution?

(a) 3 years
(b) 4 years
(c) 7 years
(d) 5 years

Q48. Which among the following acids makes the pH of vinegar acidic?

(a) Acetic acid
(b) Linoleic acid
(c) Tartaric acid
(d) Citric acid

Q49. The average weather pattern taken over a long time, say 25 years is called _____ of the place.

(a) ecology
(b) environment
(c) landform

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(d) climate

Q50. Which among the following was NOT written by Aravind Adiga?

(a) The Cost of Living
(b) The White Tiger
(c) Last Man in Tower
(d) Amnesty

Q51. According to the 2011 census, what is the approximate female literacy rate?

(a) 85%
(b) 65%
(c) 55%
(d) 95%

Q52. The materials, through which things cannot be seen, are called _____.

(a) translucent materials
(b) transparent materials
(c) pale materials
(d) opaque materials

Q53. In cricket, hitting the ball over the boundary on the full equals _____ runs.

(a) 4
(b) 2
(c) 6
(d) 3

Q54. In which of the following articles, “Protection against arrest and detention” is mentioned?

(a) Article 20
(b) Article 22
(c) Article 24
(d) Article 18

Q55. The British Parliament passed the Regulating Act in _____.

(a) 1775
(b) 1876
(c) 1877
(d) 1773

Q56. How many Bronze medals were won by India at Tokyo Olympics 2020 (played in 2021)?

(a) Three
(b) Five
(c) Six
(d) Four

Q57. Who among the following sang the famous Bollywood song "Ae Dil Hai Mushkil"?

(a) Sukhbir
(b) Arijit Singh
(c) Shreya Ghoshal
(d) Neeti Mohan

Q58. Which of the following statements is NOT correct regarding fertilizers?

(a) They are prepared in factories
(b) They are man-made inorganic salt
(c) They are very rich in plant nutrients
(d) They provide humus to the soil

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Q59. Gulabo Sapera is associated with which of the following dance forms?

(a) Kalbelia
(b) Kathakali
(c) Odissi
(d) Bharatnatyam

Q60. The time allowed to the central government to remove any difficulty in implementing the New Delhi International Arbitration Centre Act, 2019 has been extended to _____ years from the date of commencement by The New Delhi International Arbitration Centre (Amendment) Bill, 2022.

(a) 3
(b) 4
(c) 6
(d) 5

Q61. On 8th September 2022, NITI Aayog, in collaboration with _____, launched the country's first national electric freight platform — Electric Freight Accelerator for Sustainable Transport — India (e-FAST India).

(a) World Resources Institute
(b) World Health Organisation
(c) World Bank
(d) International Monetary Fund

Q62. There were several cities in the Maurya empire. Which of the following cities was located on the southernmost side?

(a) Brahmagiri
(b) Rupnath
(c) Girnar
(d) Topra

Q63. The Airavatesvara Temple in Tamil Nadu was built by _____.

(a) Rajaraja Chola I
(b) Maharaja Pratap Singh
(c) Maharaja Sawai Jai Singh II
(d) Rajaraja Chola II

Q64. Savings deposits with Post Office savings banks are included in which measure of money supply?

(a) M1
(b) M4
(c) M3
(d) M2

Q65. Kajari is a folk song and dance genre of India. It has its roots in _____.

(a) Kerala
(b) West Bengal
(c) Punjab
(d) Uttar Pradesh

Q66. Direction: In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

Cold fish

(a) To retract one's statements
(b) To make a lot of money
(c) A person lacking in sympathy
(d) A dead body

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Q67. Direction: Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The final cost depends on whether you chooses the small or the large size.

(a) chose the small
(b) choose the small
(c) choose the smaller
(d) No improvement

Q68. Direction: Select the appropriate synonym for the underlined word.

She goes to her room and locks herself in.

(a) Shuts
(b) hurts
(c) sinks
(d) taunts

Q69. Direction: Select the most appropriate option to fill in the blank.

Our breathing rate can change almost instantaneously in response to stress or _____.

(a) difference
(b) arousal
(c) fund
(d) attention

Q70. Direction: Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The camel uses fat as a source of energy during its longer journey in the desert.

(a) it's longer journey
(b) its long journey
(c) its longest journeyed
(d) No improvement

Q71. Direction: Choose the incorrectly spelt word.

(a) Potantial
(b) Mimic
(c) Grease
(d) Surge

Q72. Direction: Choose the word that can substitute the given group of words.

Famous or well-known for a negative reason

(a) Unpopular
(b) Reputable
(c) Notorious
(d) Formidable

Q73. Direction: Select the most appropriate antonym of the given word.

Mound

(a) Prominence
(b) Victory
(c) Bell
(d) Valley

Q74. Direction: Select the most appropriate synonym to substitute the bracketed word in the given sentence.

In the midst of the tumult of charges against him, a (welter) of conflicting poll numbers are being bandied about.

(a) Static
(b) Peace

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(c) Dynamic
(d) Turmoil

Q75. Direction: Select the most appropriate word for the given group of words.
A thing that is kept as a reminder of a person, place, or event
(a) Panacea
(b) Sinecure
(c) Souvenir
(d) Regalia

Q76. Select the appropriate antonym for the underlined word.
Sunny turned to find his daughter's sweet, bright eyes close to his.
(a) gleaming
(b) anxious
(c) dusky
(d) merry

Q77. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Why are you making excuses too avoid this work?
(a) making excuses too
(b) No error
(c) avoid this work?
(d) Why are you

Q78. Select the most appropriate option to substitute the bracketed segment in the given sentence. If there is no need to substitute it, select 'no substitution required'.
(This bridge neither crossed the Thames, and neither gave) access to a now-lost island in the river.
(a) No substitution required
(b) This bridge neither crossed the Thames, nor gave
(c) This bridge either crossed the Thames, and or gave
(d) This bridge either crossed the Thames, nor gave

Q79. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.
I have never seen a man / get off his horse quick as / that stranger Englishman did.
(a) I have never seen a man
(b) No error
(c) that stranger Englishman did.
(d) get off his horse quick as

Q80. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
His absence from my party is too much painful for me.
(a) party is too much
(b) His absence from my
(c) painful for me.
(d) No error

Q81. Select the wrongly spelt word.
(a) quarantine
(b) eminant
(c) supersede
(d) develop

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Q82. Select the most appropriate meaning of the given idiom.

Fixed in one's ways

(a) An aggressive attack on someone by a group
(b) To establish one's rule
(c) Not willing or wanting to change from your normal way of doing something
(d) Something that shows potential or looks promising in the beginning but fails to deliver anything in the end

Q83. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

Neither she _____ I have expected Reema's arrival.

(a) and
(b) along
(c) nor
(d) or

Q84. Select the most appropriate option to fill in the blank.

Those unfamiliar with the saga are bound to be mystified by the more _____ plot twists.

(a) anoint
(b) arcane
(c) arbitrary
(d) aesthetic

Q85. Fill in the blank with the most appropriate choice.

The issue of fairness, which remained, was for consideration at the hearing to _____ the scheme.

(a) stratification
(b) acclamation
(c) sanction
(d) altercation

Directions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Archaeologists believe that counting large quantities (1) _____ about 10,000 years ago. Early farmers had to (2) ____ for communally stored crops. Early counting systems involved small tokens which represented farmers' stores. In the area which is now southern Iraq, little figures shaped like discs, balls, and pyramids (3) ___ used in about 7500 B.C. to represent various holdings. Later, marks which represented the figures were (4) __ on clay tablets by use of a blunt reed to cut into the wet clay. Still, the symbols were (5) _____ connected with specific merchandise.

Q86. Select the most appropriate option to fill in the blank No. 1.

(a) began
(b) allured
(c) ended
(d) blessed

Q87. Select the most appropriate option to fill in the blank No. 2.

(a) undercount
(b) discount
(c) account
(d) count

Q88. Select the most appropriate option to fill in the blank No. 3.

(a) were
(b) are
(c) will be
(d) was

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Q89. Select the most appropriate option to fill in the blank No. 4.

(a) inscribed
(b) transcribed
(c) prescribed
(d) subscribed

Q90. Select the most appropriate option to fill in the blank No. 5.

(a) just
(b) always
(c) like
(d) some

ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a
21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a
61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a	76	a	77	a	78	a	79	a	80	a
81	a	82	a	83	a	84	a	85	a	86	a	87	a	88	a	89	a	90	a

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