GENERAL INTELLIGENCE

1. Find the missing number from the options given below :

7		?
565		899
222		387
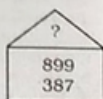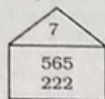
(1) 8   (2) 9
(3) 11   (4) 6

2. Select the option that is related to the third term in the same way as the second term is related to the first term.

0.24 : 0.0024 : : 3.03 : ?

(1) 3.030   (2) 0.303
(3) 30.30   (4) 0.0303

3. Five people Palak, Karol, Risha Saloni and Tisha are travelling in a car. The car has two seats in the front and three at the back. Risha is driving the car. Palak wants to sit at one of the window seats at the back of the car. Tisha wants to sit next to Palak. Karol hates Tisha and will not sit with Tisha. Who is sitting next to the driver?

(1) Karol
(2) Tisha
(3) Can't be determined
(4) Saloni

4. Select the correct option that will fill in the blank and complete the series.

45, 49, 58, 74, ____

(1) 92   (2) 88
(3) 99   (4) 98

5. Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

(1) Bottle   (2) Bucket
(3) River   (4) Jar

6. Select the correct option that will fill in the blank and complete the series.

35, 40, 55, 80, 115, ?

(1) 155   (2) 170
(3) 165   (4) 160

7. The statements below are followed by two Conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which Conclusion(s) logically and definitely follow(s) from the information given in the statements.

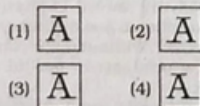**Statements :**
Some cows are deer.
Some deer are fishes.

Conclusions :
I. Some cows are fishes.
II. Some fishes are cows.

(1) Either Conclusion I or II follows
(2) Neither Conclusion I nor II follows
(3) Only Conclusion I follows
(4) Only Conclusion II follows

8. Choose the option that most closely resembles the mirror image of the given figure when mirror is placed at right side.

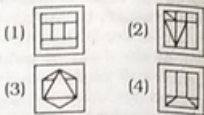**Question Figure :**

Answer Figures :

(1)   (2)   (3)   (4)

9. Choose the option figure in which the question figure is hidden/embedded.

Question Figure :

Answer Figures :

(1)   (2)   (3)   (4)

10. The statements below are followed by three Conclusions labeled I, II and III. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which Conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements :
All pencils are houses.
All houses are erasers.

Conclusions :
I. Some pencils are erasers.
II. Some erasers are pencils.
III. All erasers are pencils.

(1) Only I and II follow
(2) None follows
(3) Only II follows
(4) All follow

11. Select the related word pair from the given alternatives.

Poet : Poem : : ___ : ___

(1) Paragraph : Lyrics
(2) Maths : Literature
(3) Author : Book
(4) Instrument : Video

12. Select the option that is related to the fourth term in the same way as the first term is related to the second term.

BDGK : CEHL : : ???? : DFIM

(1) CEHL   (2) CEHM
(3) EGJN   (4) EGHI

13. Select the option that is related to third term in the same way as the second term is related to the first term.
ACEG : BDFH :: CEGI : ?
(1) EGIK   (2) DFHJ
(3) DHIK   (4) EGIH

14. A is 15th from the front in a column of boys. There were thrice as many behind him as there were in front. How many boys are there between A and the 7th boy from the end of the column?
(1) 35   (2) 40
(3) 33   (4) 34

15. If B is coded as 9, F is coded as 3, Q is coded as 2, D is coded as 8, T is coded as 1, M is coded as 6, and K is coded as 7, then what is the coded form of FBMKQT?
(1) 396127   (2) 396721
(3) 369127   (4) 369172
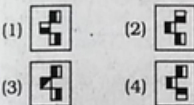
16. Choose the option which come next in the given figure series.
Problem Figures :

(1)   (2)   (3)   (4)   (5)

Answer Figures :

(1)   (2)   (3)   (4)

17. Four options have been given out of which three are alike in some manner, while one is different. Choose the odd one.
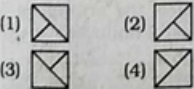(1) 426   (2) 336
(3) 257   (4) 359

18. Which of the following answer figure will complete the given figure?
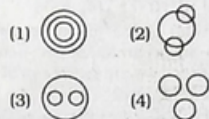**Question Figure :**

Answer Figures :

(1)   (2)
(3)   (4)

19. The question below has three items having certain relationship among them. The same relationship is expressed by sets of circles, each circle representing one item irrespective of its size. Match the items with right set of circles.
Apples, Mangoes, Oranges

(1)   (2)
(3)   (4)

20. Select the correct option that will fill in the blank and complete the series.
MaN, SaH, YaB, ____
(1) EaV   (2) RaC
(3) TaD   (4) FaV

21. In a certain code, DHONI is written as AELKF. How is EXPOSE written in that code?
(1) BUMLPB   (2) BUNLPB
(3) BUMLQB   (4) BVMLPB

22. Five chairs C1, C2, C3, C4 and C5 are placed one above the other. If C1 is above C2, C3 is above C4 but below C5 and C4 is above C1, which chair is in the middle?
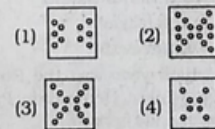(1) C1   (2) C2
(3) C3   (4) C4

23. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, how will it appear when opened?
Question Figures :

Answer Figures :

(1)   (2)
(3)   (4)
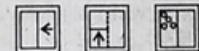
24. Four letter clusters have been given out of which three are alike in some manner, while one is different. Choose the odd one.

(1) QSW   (2) LNR
(3) FHL   (4) NPR

25. If 'P' means 'subtracted from', 'X' means 'multiplied by', 'Y' means 'added to', and 'Z' means 'Divided by', then:
54 Z 3 Y 22 X 5 = ?
(1) 135   (2) 128
(3) 110   (4) 144

GENERAL AWARENESS

26. Each water molecule, contains ____ hydrogen atoms and one Oxygen atom.
(1) Two   (2) Three
(3) One   (4) Four

27. Which type of soil develops deep cracks during hot weather?
(1) Yellow soil
(2) Laterite soil
(3) Alluvial soil
(4) Black soil

28. Pashmina is a fine type of wool which were first woven in which state of India?
(1) Uttar Pradesh
(2) Punjab
(3) Jammu & Kashmir
(4) Himachal Pradesh

29. Who was the president of Muslim League in 1930?
(1) Muhammad Iqbal
(2) Syed Ahmed Khan
(3) Muhammad Ali Jinnah
(4) Shaukat Ali

30. Which of the following cartoonist is best known for his creation of common man?
(1) Shekhar Gurera
(2) Sudhir Tailang
(3) Kutty
(4) R.K. Laxman

31. Which village has shown that it is possible to reverse land degradation?
(1) Bhandardara
(2) Majuli
(3) Katarmal
(4) Sukhomajri

32. Which was the first Indian Satellite named after Indian mathematician launched in 1975 by the Soviet Union?

(1) INSAt 1A
(2) Bhaskara Sega-I
(3) Rohini RS-D1
(4) Aryabhata

33. In which year did the Khilafat Movement start?
(1) 1922 (2) 1923
(3) 1920 (4) 1921

34. The Gateway of India is located in:
(1) Kolkata (2) Delhi
(3) Mumbai (4) Bengaluru

35. The Bhoodan-Graman movement was initiated by:
(1) Maneka Gandhi
(2) Medha Patkar
(3) Vinoba Bhave
(4) Baba Amte

36. Which of the following is a popular name of bio gas?
(1) Uranium (2) Petroleum
(3) Gobar gas (4) Coal

37. Which of the following is a non-constitutional body of India?
(1) Finance Commission
(2) State Human Right Commission
(3) National Commission
(4) Election Commission

38. Which dam is built on the Narmada River?
(1) Adhia Dam
(2) Hirakud Dam
(3) Sardar Sarovar Dam
(4) Tehri Dam

39. In which colour is a solar cooker painted from the outside?
(1) Green (2) Blue
(3) Black (4) Red

40. Which state has the highest per capita income as per year 2017-18?
(1) Mizoram
(2) Bihar
(3) Maharashtra
(4) Kerala

41. In which Indian state is Dabu printing practiced, which involves applying earth in delicate patterns to cloth and then dipping in dye?

(1) Rajasthan
(2) Orissa
(3) Andhra Pradesh
(4) Assam

42. Viswanathan Anand was awarded the Padma Vibushan award in which year?
(1) 2011 (2) 2008
(3) 2010 (4) 2009

43. Which of the following terms in our preamble means behaving as if we are members of the same family?
(1) Justice (2) Democracy
(3) Fraternity (4) Equality

44. 'Gella-Chutt' is an indigenous game associated with the state of :
(1) Mizoram
(2) Assam
(3) Tripura
(4) Arunachal Pradesh

45. Changing party allegiance from the party with which a person got elected to a different party is called:
(1) defection
(2) separation
(3) party whip
(4) alliance building

46. Identify the neighbouring country which has been performing better in terms of human development than India.
(1) Bangladesh
(2) Nepal
(3) Sri Lanka
(4) Pakistan

47. The book 'Wings of Fire' is authored by:
(1) Salman Rushdie
(2) A.P.J Abdul Kalam
(3) R.K Narayan
(4) Vikram Seth

48. In which year was the Rural Employment Generation Programme launched?
(1) 1993 (2) 1995
(3) 1992 (4) 1994

49. Who won the gold medal at Women's National Boxing Championships in 2019?

(1) Ragini Upadhyay
(2) Nikhat Zareen
(3) Manju Rani
(4) Pindi Rani Jangra

50. The rajas of the Mahajanpadas built forts as they provided _____.
(1) Mutability
(2) Security
(3) Marketability
(4) Transportability

QUANTITATIVE APTITUDE

Directions (51–53) : The population of a city is 8000. They have various types of occupation which is given below by the pie-chart. Study the pie-chart and answer the given questions.
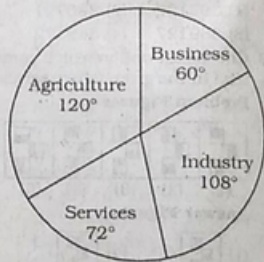
51. What per cent of people are in services sector from the total population?
(1) 36% (2) 20%
(3) 72% (4) 25%

52. By what per cent is the population working is in industry sector less than that in agriculture sector?
(1) 10% (2) 25%
(3) 15% (4) 20%

53. The ratio of people working in services and industry sectors respectively is :
(1) 2 : 3 (2) 3 : 5
(3) 3 : 4 (4) 5 : 3

54. What is the arithmetic mean of first 8 multiples of 13 ?
(1) 55.4 (2) 58.5
(3) 72.5 (4) 61.8

55. If $\dfrac{8x+3y}{4x+5y}=\dfrac{25}{23}$ then find $x:y$.

(1) $2:3$ (2) $2:5$
(3) $3:5$ (4) $1:5$

56. The ratio between two numbers is $7:16$. If the second number is 256 then the first number is :

(1) 120   (2) 156
(3) 112   (4) 144

57. The marked price of an item is Rs. 900 but a retailer purchases it at 40% discount and sells it at Rs. 900. The percentage profit of the retailer is :

(1) 60%   (2) $68\dfrac{1}{3}\%$

(3) 40%   (4) $66\dfrac{2}{3}\%$

58. The average of 6 values is 11.2. If 3 is multiplied to each number then what will be the new average?

(1) 22.6   (2) 14.6
(3) 18.6   (4) 33.6

59. The speed of a boat in still water is 9 km/hr and the speed of stream is 3 km/hr. The difference between the upstream speed and downstream speed will be :

(1) 6 km/hr   (2) 5 km/hr
(3) 3.5 km/hr   (4) 7.5 km/hr

60. Two concentric circles with radii p cm and $(p + 2)$ cm are drawn on a paper. The difference between their areas is 44 sq.cm. What is the value of p?

$\left(\text{Take } \pi = \dfrac{22}{7}\right).$

(1) 1.5   (2) 5
(3) 6   (4) 2.5

61. $\dfrac{4}{7}$ of $\dfrac{8}{9} \div \dfrac{8}{7} \times 180$ of $\dfrac{1}{9} = ?$

(1) $\dfrac{20}{9}$ (2) $\dfrac{9}{20}$

(3) $\dfrac{80}{9}$ (4) $\dfrac{9}{80}$

62. If total cost price of 100 note books is same as selling price of 80 note books, what is the percentage gain?

(1) 15%   (2) 30%
(3) 25%   (4) 20%

63. The amount of Rs. 7500 at compound interest at 4% per annum for 2 years is :

(1) Rs. 8100   (2) Rs. 8082
(3) Rs. 7800   (4) Rs. 8112

64. 21% of a number is 546. What will be 89% of that number?

(1) 900   (2) 2116
(3) 1200   (4) 2314

65. A person bought an item and sold it at a loss of 5%. If he had bought it for 10% less and sold it for Rs. 170 more, he would have had a profit of 20%. Find the cost price of this item. (nearest to Rs.)

(1) Rs. 1440   (2) Rs. 1308
(3) Rs. 1300   (4) Rs. 1500

66. A pipe can fill a cistern in 20 minutes whereas the cistern when full can be emptied by a leak in 28 minutes. When both are opened, the time taken to fill the cistern is :

(1) 80 minutes
(2) 70 minutes
(3) 60 minutes
(4) 48 minutes

67. A certain sum amounts to Rs. 756 in 2 years and to Rs. 873 is $3\dfrac{1}{2}$ years at a certain rate of simple interest. The rate of interest per annum is :

(1) 11%   (2) 13%
(3) 10%   (4) 12%

68. A square with maximum possible side is drawn in a circle of radius 12 cm. What is the area of square?

(1) 288 sq. cm.
(2) 72 sq. cm.
(3) 184 sq. cm.
(4) 276 sq. cm.

69. Divide 500 into two parts such that the ratio of one to the other is 5 : 3.

(1) 312.5, 187.5
(2) 308.5, 191.5
(3) 280, 220
(4) 300, 200

70. What value should come in place of the question mark (?) in the following question? $31 \div 3 \times 15 = ?$

(1) 180   (2) 140
(3) 165   (4) 155

71. The speed of a ship in still water is 5 km/hr and the speed of the stream is 2 km/hr. Rohan rows to a place at a distance of 21 km and comes back to the starting point. The total time taken by him is :

(1) 7.2 hours   (2) 10 hours
(3) 3.6 hours   (4) 6 hours

72. What is the greatest number that will divide 209 and 347 leaving remainders 5 and 7 respectively?

(1) 23   (2) 16
(3) 19   (4) 17

73. The average of first 10 prime numbers is :

(1) 13.1   (2) 12.7
(3) 12.9   (4) 15.1

74. The area of the cardboard needed to make a closed box of size 10 cm × 15 cm × 8 cm will be :

(1) 700 cm²   (2) 350 cm²
(3) 1000 cm²   (4) 1390 cm²

75. 30 persons can do a piece of work in 24 days. How many more people are required to complete the same work in 20 days?

(1) 8   (2) 5
(3) 4   (4) 6

ENGLISH LANGUAGE

76. Select the wrongly spelt word.
(1) Existance
(2) Experience
(3) Eminent
(4) Explanation

77. Select the most appropriate word to fill in the blank.
A number of people _____ to watch the live performance last night.
(1) gather
(2) has gathered
(3) has been gathered
(4) gathered

78. Select the antonym of the given word.
Diminish
(1) Decrease
(2) Divide
(3) Increase
(4) Reduce

79. Select the synonym of the given word.
ACCOMPLISH
(1) Fail
(2) Hinder
(3) Lose
(4) Achieve

80. Select the word which means the same as the group of words given.
A mass of snow, ice, and rocks falling rapidly down a mountainside
(1) Glacier
(2) Avalanche
(3) Iceberg
(4) Landslide

81. Select the meaning of the given idiom.
Under a cloud
(1) under observation
(2) enjoying favourable luck
(3) experiencing cloudy weather
(4) under suspicion

82. Select the meaning of the given idiom.
Get a kick out of
(1) Give up something
(2) Enjoy something
(3) Kick something
(4) Predict something

Directions (83–87) : 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.

An Italian town is offering to pay people up to € 2000 to move there. The Mayor of the town has made the **(83)** in the hope of reversing **(84)** town's declining population. The population **(85)** small towns of Italy **(86)** to the big cities leaving **(87)** only the aged people. Some towns have been left with as little as twelve residents.

83. (1) present (2) offer
(3) reward (4) gift

84. (1) some (2) one
(3) a (4) the

85. (1) at (2) between
(3) from (4) among

86. (1) transported
(2) migrated
(3) transferred
(4) immigrated

87. (1) beyond (2) below
(3) behind (4) before

88. Select the antonym of the given word.
CONVICTED
(1) Alleged (2) Blamed
(3) Acquitted (4) Charged

89. Select the wrongly spelt word.
(1) Encouragement
(2) Questionnaire
(3) Environment
(4) Performance

90. Select the most appropriate option to substitute the **bold** segment in the given sentence. If there is no need to substitute it, select No substitution required.
The escalator at the railway station is working again, thanks to the **effort for our technicians.**
(1) efforts of our technicians
(2) No substitution required
(3) efforts make by our technicians
(4) efforts from our technicians

91. Select the most appropriate word to fill in the blank.
The bear didn't attack the lady because he was afraid _____ her.
(1) at (2) of
(3) from (4) for

92. Select the synonym of the given word.
APPARENT
(1) Hidden (2) Obvious
(3) Latent (4) Concealed

93. Select the most appropriate option to substitute the **bold** segment in the given sentence. If there is no need to substitute it, select No substitution required.
Last month, scientists **are posting** the latest pictures of Mars taken by the Mangalyaan.
(1) No substitution required
(2) posted
(3) have been posting
(4) will be posting

94. Select the most appropriate word to fill in the blank.
He was _____ from jail only last month.
(1) imprisoned
(2) released
(3) arrested
(4) sent

95. Identify the segment in the sentence which contains the grammatical error from the given options.
Before the President can start his speech, he was interrupted by his secretary.
(1) by his secretary
(2) can start
(3) Before the
(4) was interrupted

96. Select the most appropriate option to substitute the **bold** segment in the given sentence. If there is no need to substitute it, select No substitution required.
His grandfather finds a tiny tiger-cub in the forest and **brought him home.**
(1) bringing home
(2) No substitution required
(3) brings him home
(4) has bring home

97. Select the most appropriate word to fill in the blank.
His proposal was not _____ to me.

(1) accessible (2) acceptable
(3) adapted (4) apparent

98. Select the word which means the same as the group of words given.

One who loves mankind
(1) Philanthropist
(2) Misogamist
(3) Misanthropist
(4) Misogynist

Directions (99-100) : Identify the segment in the sentence which contains the grammatical error from the given options.

99. The question that there is life on other planets baffles scientists.
(1) The question that
(2) there is life
(3) baffles scientists
(4) on other planets

100. The day he won the Grammy Award was red letter day in the singer's life.
(1) in the singer's life.
(2) he won
(3) The day
(4) was red letter day

HINDI LANGUAGE

76. 'हाथ से लिखा हुआ' शब्द समूह के लिए एक शब्द है-
(1) हस्तलाघवं (2) निम्नलिखित
(3) हस्तक्षेप (4) हस्तलिखित

77. रिक्त स्थान को भरने के लिए उपयुक्त शब्द का चयन करें।
राम के _____ आग्रह करने पर मैं उसके घर गया।
(1) अधिक (2) तीव्र
(3) नरम (4) बहु

78. 'भौतिक' का विलोम है-
(1) अलौकिक (2) अभद्र
(3) भविष्य (4) आध्यात्मिक

79. सही वर्तनी वाले शब्द का चयन करें।
(1) उपरूक्त (2) उपर्योक्त
(3) उपर्युक्त (4) उर्पयुक्त

80. दिए गए वाक्य में रेखांकित खंड को प्रतिस्थापित करने के लिए उपयुक्त विकल्प का चयन करें।
सविता पढ़ना-लिखना जानती है।

(1) अपढ़ (2) निठ्ठर
(3) साक्षर (4) स्वार्थी

निर्देश (81-85) : निम्नलिखित गद्यांश के रिक्त स्थानों की पूर्ति गद्यांश के नीचे दिए गए प्रश्नों के अनुसार कीजिए :

डिजिटल इंडिया में डेटा का डिजिटलाईजेशन आसानी से होगा जो आगे चलकर चीजों को तेज और ज्यादा मजबूत बनाने में **(81)** होगा। यह कागजी कार्य, समय और मानव श्रम की भी **(82)** करेगा। सरकार और निजी क्षेत्र के बीच गठबंधन के द्वारा यह प्रोजेक्ट गति **(83)**। तेज गति नेटवर्क के साथ आपस में जुड़े हुए गाँव बड़े **(84)** से गुजरेंगे। भारत में सभी शहर, नगर और गाँव **(85)** तकनीकी होंगे।

81. (1) विभाजक (2) सहायक
(3) रोधक (4) बाधक

82. (1) आय (2) हानि
(3) बचत (4) व्यय

83. (1) दौड़ेगा (2) पकड़ेगा
(3) चलेगा (4) रोकेगा

84. (1) लगाव (2) बदलाव
(3) सुझाव (4) चुनाव

85. (1) ज्यादा (2) बड़ी
(3) भारी (4) कम

86. दिए गए वाक्य का वह भाग ज्ञात करें जिसमें कोई त्रुटि है।
किसी का आचरण वायु के झोंके से हिल नहीं सकती हैं।
(1) सकती हैं।
(2) हिल नहीं
(3) वायु के झोंके से
(4) किसी का आचरण

87. दिए गए वाक्य का वह भाग ज्ञात करें जिसमें कोई त्रुटि है।
दुनिया में अनेक प्रकार के छल प्रपंचों का सूत्रपात हुई।
(1) सूत्रपात हुई। (2) अनेक प्रकार के
(3) दुनिया में (4) छल प्रपंचों का

88. 'जिसे कठिनाई से जीता जा सके' के लिए एक शब्द प्रयुक्त होता है-
(1) अजेय (2) अजेय
(3) दुर्जेय (4) विजित

89. 'गूलर का फूल होना' मुहावरे का अर्थ है-
(1) दुर्लभ होना (2) अमीर होना
(3) सुलभ होना (4) हीन होना

90. दिए गए वाक्य में रेखांकित खंड को प्रतिस्थापित करने के लिए उपयुक्त विकल्प का चयन करें।
विद्यापति के पद गाये जा सकते हैं।
(1) पेय (2) प्रदेय
(3) गोपनीय (4) गेय

91. 'पत्नी' का पर्याय शब्द है-
(1) ललना (2) भार्या
(3) कामिनी (4) महिला

92. सही वर्तनी वाले शब्द का चयन करें।
(1) विषाद (2) विशाद
(3) वीषाद (4) विसाद

93. दिए गए वाक्य में रेखांकित खंड को प्रतिस्थापित करने के लिए उपयुक्त विकल्प का चयन करें।
धर्म के कामों में सहयोग करना चाहिए।
(1) धर्मवान (2) धार्मिक
(3) धर्मीय (4) धर्मी

94. 'त्याग' का विलोम शब्द है-
(1) ग्रहण (2) परित्याग
(3) अनिश्चित (4) विग्रह

95. दिए गए वाक्य का वह भाग ज्ञात करें जिसमें कोई त्रुटि है।
इस नश्वर संसार के भोग विलास का सामग्रियों भी क्षणभंगुर हैं।
(1) इस नश्वर
(2) भोग विलास का सामग्रियों भी
(3) क्षणभंगुर हैं।
(4) संसार के

96. रिक्त स्थान को भरने के लिए उपयुक्त शब्द का चयन करें।
दिल्ली से अनेक पत्रों और पत्रिकाओं का _____ होता है।
(1) प्रकाशन (2) निर्माण
(3) निकलता (4) बनना

97. 'होम कर देना' मुहावरे का अर्थ है-
(1) शंकित करना
(2) नष्ट कर देना
(3) आश्चर्य चकित कर देना
(4) हवन करना

98. 'नदी' का पर्यायवाची शब्द है-
(1) निर्झरिणी (2) तालाब
(3) सर (4) तड़ाग

99. रिक्त स्थान को भरने के लिए उपयुक्त शब्द का चयन करें।

उसकी बुद्धि बड़ी _____ है।

(1) विकृति (2) विशाल

(3) बुद्धिमान (4) सूक्ष्म

100. रिक्त स्थान को भरने के लिए उपयुक्त शब्द का चयन करें।

साहित्य और जीवन का _____ संबंध है।

(1) घोर (2) पक्का

(3) प्रगाढ़ (4) मजबूत