RRB NTPC 1996 Previous Year Paper

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GENERAL AWARENESS

Q1. Which state of India produces the highest quantity of Jute?

(a) Bihar
(b) Odisha
(c) West Bengal
(d) Jharkhand

Q2. Pointing to a man in a photograph, Gunjansaid, “His mother's only daughter is my mother." How is Gunjan related to that

(a) Nephew
(b) Sister
(c) Wife
(d) Niece

Q3. If√5 = 2.236; then √5/2 is

(a) 1.851
(b) 1.118
(c) 2.236
(d) 1.782

Q4. Comprehension:

Study the following figure and answer the questions given below.

Trained Lecturers

Married Population

Lecturers in college

4. By which number, the Trained unmarried lecturers in the college are represented?

[Figure: see this question online]

(a) 6
(b) 5
(c) 7
(d) 4

Q5. Comprehension:

Study the following figure and answer the questions given below.

Trained Lecturers

Married Population

Lecturers in college

5. If Ravenshaw College management requires only married trained lecturers for teaching. What is represented by the number 7?

[Figure: see this question online]

(a) Married lecturers in the college

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(b) Trained lecturers
(c) Unmarried trained lecturers
(d) Married trained lecturers

Q6. Comprehension:

Study the following figure and answer the questions given below.

Trained Lecturers

Married Population

Lecturers in college

6. By which number, the trained married lecturers in the college are represented?

[Figure: see this question online]

(a) 7
(b) 6
(c) 5
(d) 4

Q7. Comprehension:

Study the bar chart and answer the questions based on it.

Production of Pesticides by Coromandal International Ltd. Company (in 1000 tonnes)

7. The average production of 1996 and 1997 was exactly equal to the average production of which of the following pairs of years?

(a) 2000 and 2001
(b) 1999 and 2000
(c) 1998 and 2000
(d) 1995 and 2001

Q8. Comprehension:

Study the bar chart and answer the questions based on it.

Production of Pesticides by Coromandal International Ltd. Company (in 1000 tonnes)

8. What was the percentage increase in production of Pesticides in 2002 compared to that in 1995?

(a) 320%
(b) 300%
(c) 220%
(d) 200%

Q9. Comprehension:

Study the bar chart and answer the questions based on it.

Production of Pesticides by Coromandal International Ltd. Company (in 1000 tonnes)

9. In which year was the percentage increase in production as compared to the previous year the maximum?

(a) 2002
(b) 2001
(c) 1997
(d) 1996

Q10. If $19x^2 = 100^2 - 90^2$, then find the value of x

(a) 10
(b) 9
(c) 11
(d) 12

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Q11. Battle of Gulnabad was led by Mahmud Hotaki and fought in the year _____.

(a) 1770
(b) 1722
(c) 1712
(d) 1702

Q12. Which of the following Languages was not included in the 8th schedule of Indian Constitution through 92nd amendment act?

(a) Majthili
(b) Bode
(c) Santhali
(d) Kannada

Q13. Introducing a man, Shamita said, “He is the only son of my mother's mother.” How is Shamita related to the man?

(a) Mother
(b) Aunt
(c) Sister
(d) Niece

Q14. Insert the missing character depicted by ?

18	**24**	**32**
12	14	16
3	?	4
72	112	128

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

Q15. 15. Who has been appointed as first-ever Ombudsman (Ethics officer) ofBCCI?

(a) Justice A. P. Shah
(b) Justice Anil R. Dave
(c) Justice DipakMisra
(d) Justice Jagdish Singh Khehar

Q16. Belur Math is located at:

(a) West Bengal
(b) Maharashtra
(c) Uttar Pradesh
(d) Tamil Nadu

Q17. ____soils are red in color and not suitable for agriculture found along the Tamil Nadu, Odishaand small part ofChhotanagpurand Meghalaya.

(a) Alluvial Soil
(b) Red Soil
(c) Laterite Soil
(d) Regur Soil

Q18. If in a certain language, SCARCE is coded as CSRAEC, how is STABLE coded in that code?

(a) TBSABL
(b) BTSAEL
(c) BTELSA
(d) TSBAEL

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Q19. In terms of environmental studies, CER refers to:

(a) Certified Emission Reductions
(b) Capped Emission Repository
(c) Certified Emission Repository
(d) Capped Emission Reductions

Q20. Who is AmrutYojana scheme named after? (initiative to meet the nutrition needs of pregnant, lactating women in the tribal areas)

(a) Mahatma Gandhi
(b) Abdul Kalam
(c) B.R. Ambedkar
(d) Indira Gandhi

Q21. If a/b = 1/4 ; b/c =1/8 and a=2 then the value of c is-

(a) 8
(b) 16
(c) 32
(d) 64

Q22. _____ is one of the largest palaces in India, also known as Amba Vilas and was the residence of Wodeyar Maharaja.

(a) Mysore Palace
(b) Leh palace
(c) Mattancherry Palace
(d) Hampi

Q23. 20 pens and 46 pencils were purchased for Rs.235. If the average price of a pencil is Rs.2.50 then calculate the average price (in Rs.) of a pen.

(a) 6
(b) 4
(c) 8
(d) 12

Q24. When was the ASLV used in India for the first time?

(a) 1980
(b) 1987
(c) 1994
(d) 2000

Q25. Rahul and Raghavare 110 km apart from each other and they started horse-riding towards each other at same fane at a speed of 20 km/hr and 24 km/hr. After how many hours of riding will they be a distance of 22 km?

(a) 1 hour
(b) 1 hour 30 mi
(c) 2 hours
(d) 2 hours 30 min

Q26. Which part of the human brain is the centre for intelligence, memory and emotions?

(a) Hypothalamus
(b) Cerebrum
(c) Corpus Callosum
(d) Mid Brain

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Q27. If sin θ = 40/41, then cotθ is

(a) 40/9
(b) 9/40
(c) 9/41
(d) 41/9

Q28. 28. Complete the Figure X from the given alternatives 1,2,3,4

[Figure: see this question online]

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

Q29. Factors of $x^2 + 7x + 10$ are

(a) (x-5) (x-2)
(b) (x+5) (x+2)
(c) (x-5) (x+2)
(d) (x-4) (x+2)

Q30. A good cricket fielder while catching a fast moving ball moves his hand along with the ball because _____

(a) He decreases the time of contact therefore increasing the force of contact.
(b) He increases the time of contact thereby reducing the force of contact.
(c) He is afraid to fake the ball and thus takes his hand out.
(d) He decreases the time of contact therefore reducing the force of contact.

Q31. 31. _____a professional Tennis player, became the new goodwill ambassador for the UN Fund for Children.

(a) Soma Mirza
(b) Scram Williams
(c) Novak Djokovic
(d) Roger Federer

Q32. Name the committee appointed in 1986 by Rajiv Gandhi on “Revitalisation of Panchayati Raj Institution for Democracy & Development”.

(a) Ashok Mehta Committee
(b) L M Singhvi Committee
(c) G.V.K Rao Committee
(d) BalwantRai Mehta Committee.

Q33. Who was the founder of "Home Rule League Movement"?

(a) Sarojini Naidu
(b) Annie Besant
(c) Joseph Baptista
(d) Muhammad Ali Jinn ah

Q34. Three clocks are designed to stem in every hour, two hoursand three hours respectively. If they all alarmed together three hours before then after how many hours will they next alarm together?

(a) 3hours
(b) 6 hours
(c) 2 hours
(d) 1 hours

Q35. In an examination, student gets on average 76 marks. The total marks for five subjects is 500. His marks in 4 subjects are mentioned; calculate the marks obtained by the student in Mathematics marked as “x” in the table below.

Subject	Maths	English	Sanskrit	Science	Social

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Marks Obtained	x	87	83	78	57

(a) 80
(b) 83
(c) 72
(d) 75

Q36. Light can travel _____km in a year.
(a) 5 billion
(b) 10 billion
(c) 5 trillion
(d) 10 trillion

Q37. 37. Insert the missing character depicted by „??
[Figure: see this question online]
(a) 36
(b) 48
(c) 38
(d) 30

Q38. Two numbers are in ratio 3:4. When 3 is subtracted from both the numbers, the ratio becomes 2:3. Find the sum of the numbers.
(a) 16
(b) 20
(c) 21
(d) 22

Q39. A man, rowing a boat, covers a distance of 16 km in two hours downstream. He covers half the distance in same amount of time when rowing upstream. Calculate the speed of the stream.
(a) 4 km/hr
(b) 2km/hr
(c) 3 km/hr
(d) 1 km/hr

Q40. Read the statement and select a conclusion from the given alternatives.

Statement:

The Official Secret Act (OSA) enacted by the 'ABC' Government in the year 1930 seems to be one of the major sources of corruption in the country 'X'.

Conclusions:

I. The official Secret Act has to be abolished immediately to put an end corruption in the country 'X'

II. The 'ABC' Government had an intention of encouraging corruption in the government offices.

(a) only conclusion I follows.
(b) only conclusion II follows
(c) either I or II follows.
(d) neither I or II follows

Q41. 41. Complete the Figure X from the given alternatives 1,2,3,4
[Figure: see this question online]
(a) 1
(b) 2
(c) 3
(d) 4

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Q42. Galvanization a process to prevent rusting involves use of _____ coating to steel or iron.

(a) Nickel
(b) Magnesium
(c) Copper
(d) Zinc

Q43. If the average age of 20 students in ClassI is 10 years and average age of 25 students in Class II is 12 years, find the average age (in yean) of all students.

(a) 11
(b) 11.111
(c) 10.50
(d) 10.83

Q44. The value of cos0° is

(a) 0
(b) Infinite
(c) not defined
(d) 1

Q45. Direction:

There are three statements which are followed by four conclusions. Choose the conclusions which logically follow from the given statements

Statements:

Some images are answers.

Some answers are videos.

All the videos are poems.

Conclusions:

(1) Some videos are answers.

(2) Some poems are images.

(3) All the images are poems.

(4) Some poems are answers.

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

Q46. If Selling Price is Rs.72 & Gain Percentage = 20%, calculate the Cost Price.

(a) Rs.60
(b) Rs.58
(c) Rs.61
(d) Rs.59

Q47. The lady who played an important role in the awakening of Indian women to fight for independence and who isalso known as Nightingale of India is-

(a) Vijaya Lakshmi Pandit
(b) DurgaBaiDeshmukh
(c) SarojiniNaidu
(d) Madam BhikaijiCama

Q48. 48. What is the ratio of radius of incircle and circumcircle for an equilateral triangle with an area of 44√3 square units

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

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Q49. The major objective of INSAT series of satellites is to facilitate.

(a) TV relay to remote areas
(b) Mobile network in remote areas
(c) Internet services
(d) Mapping locations through OPS

Q50. Four pairs of words are given below out of which three are alike in some manner and one is different. Which is different from the rest?

(a) Steel: Utensils
(b) Bronze: Statue
(c) Duralumin: Aircraft
(d) Wood: Rails

Q51. Match the Correct Memory Units.

a) 4 bit (p) 1MB
b) 1024 KB (q) 1 byte
c) 1024 TB (r) 1 nibble
d) 8 bit (s) 1 PB

(a) a-r, b-p, c-s, d-q
(b) a-p, b-s, c-q, d-r
(c) a-r, b-s, c-q, d-p
(d) a-r, b-q, c-s, d-p

Q52. Radish is an example of:

(a) bulb
(b) root
(c) tuber
(d) fruit

Q53. Who among the following is known as the Father of Civil Services in India?

(a) Lord Cornwallis
(b) Warren Hastings
(c) Lord Wellesley
(d) Lord William Bentinck

Q54. If in a certain language, MANURE is coded as EMRNUA, how is LIVELY coded in that code?

(a) YLLEVT
(b) YLVLEI
(c) YLLVEI
(d) YLVLIE

Q55. Which secondary colour is obtained by mixing two primary colours, red and blue?

(a) White
(b) Yellow
(c) Magenta
(d) Cyan

Q56. A shopkeeper purchased a pen drive of marked price Rs.1000 at successive discounts of 10% & 13% respectively. He spend Rs.35 on packaging and sold it on Rs.1000. Calculated the Gain percent.

(a) No Gain
(b) 25%
(c) 30%
(d) 35%

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Q57. Which of the following branch of medical science deals with the study and treatment of the liver?

(a) Helcology
(b) Hepatology
(c) Heterology
(d) Geriatrics

Q58. 58. A, B and C can complete the work in 4, 5and 6 hours respectively. If they all work together and receive Rs.777 as wages, then find the share of A.

(a) Rs.300
(b) Rs.313
(c) Rs.326
(d) Rs.175

Q59. 59. Insert the missing character depicted by „??

[Figure: see this question online]

(a) 41
(b) 64
(c) 35
(d) 61

Q60. Human blood platelets releases_____ which helps in clotting of blood.

(a) Prothrombin
(b) Fibrin
(c) Fructose
(d) Sucrose

Q61. 61. A man buys 10 oranges for Rs.3 and sells 8 for Rs.3. Calculate his gain percent.

(a) 20%
(b) 25%
(c) 27%
(d) 30 %

Q62. What was the major decision that took place in 1987 Montreal Conference?

(a) Developed countries will completely ban CFC production by 2000
(b) Developed countries will completely ban CFC production by 2010
(c) Developing countries will completely ban CFC production by 2000
(d) Developing countries will completely ban CFC production by 2020

Q63. The value of (0.00000729/0.00000027) is

(a) 0.27
(b) 0.027
(c) 2.7
(d) 27

Q64. If 2x+3 = 9 then find the value of 3x+2

(a) 12
(b) 16
(c) 13
(d) 11

Q65. Six colleagues are sitting in a circle and are facing the center of the circle. Diana is between Puskar and Padma. Priyanka is between Mahesh and Lucky. Puskar and Mahesh are opposite to each other.

Who is just right to Padma?

(a) Diana
(b) Lucky

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(c) Puskar
(d) Priyanka

Q66. Six colleagues are sitting in a circle and are facing the center of the circle. Diana is between Puskar and Padma. Priyanka is between Mahesh and Lucky. Puskar and Mahesh are opposite to each other.

Who is sitting opposite to Priyanka?

(a) Puskar
(b) Diana
(c) Padma
(d) Lucky

Q67. Six colleagues are sitting in a circle and are facing the center of the circle. Diana is between Puskar and Padma. Priyanka is between Mahesh and Lucky. Puskar and Mahesh are opposite to each other.

Who are the neighbours of Mahesh?

(a) Puskar and Diana
(b) Diana and Priyanka
(c) Priyanka and Padma
(d) Lucky and Priyanka

Q68. Find the least number that must be subtracted from 98534, to get a number exactly divisible by 824.

(a) 484
(b) 478
(c) 422
(d) 375

Q69. Direction:

There are three statements which are followed by three conclusions. Choose the conclusions which logically follow from the given statements.

Statements:

All the doors are keys.

All the keys are bats.

Some clocks are bats.

Conclusions:

(1) Some bats are doors.

(2) Some clocks are keys.

(3) All the keys are doors.

(a) Only (1) and (2)
(b) Only (1)
(c) Only (2)
(d) Only (1) and (3)

Q70. NASA is responsible for space program and _____ research.

(a) Atomic
(b) Aeronautics
(c) Robotic
(d) Nuclear

Q71. A motorist knows four different routes from Jaipur to Bhangarh to Alwar he knows three different routes and from Alwar to Carlisle he knows two different routes. How many routes does he know from Jaipur to Carlisle?

(a) 12
(b) 24
(c) 49
(d) 60

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Q72. A table tennis player, lost 12 games out of 18 games played. Calculate the games won in terms of decimal.

(a) 0.667
(b) 0.067
(c) 0.50
(d) 0.333

Q73. Rampal told Arjun, 'Yesterday I defeated the only brother of the daughter of my grandmother'. Whom did Rampal defeat?

(a) Son
(b) Father
(c) Brother
(d) Father-in-law

Q74. An example of Full Duplex communication channel.

(a) Radio Broadcasting
(b) Television Broadcasting
(c) Walkie-Talkie
(d) Telephone conversation

Q75. Calculate the principal if an amount of Rs.441 is received on compound interest at the rate 5% per annum after 2 years.

(a) Rs.400
(b) Rs.390
(c) Rs.380
(d) Rs.350

Q76. Prime Minister Narendra Modi has released two commemorative coins of denominations Rs.125 & Rs.10 as a mark of tribute to whom?

(a) Abdul Kalam
(b) Mahatma Gandhi
(c) Dr.Rajendra Prasad
(d) B.R.Ambedkar

Q77. Which of the following planets is no more considered as planet?

(a) Jupiter
(b) Pluto
(c) Saturn
(d) Mercury

Q78. India has designed and developed pilotless target aircrafts named _____ and made successful test flights of its unmanned air vehicle (UAV).

1. Nishant
2. Lakshya
3. Astra

(a) Only 2
(b) Only 1
(c) Only 2 and 3
(d) Only 1 and 2

Q79. In a certain code Language, if CHECK is coded at 97294 and QUERY is coded and 51238, then CHERRY will be coded as?

(a) 729833
(b) 792338
(c) 972338
(d) 338972

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Q80. World climate conference popularly known as COP-21 was held in

(a) New York
(b) London
(c) Paris
(d) Berlin

Q81. Which is the correct ascending order of the given numbers?

(a) 5/8, 19/24, 11/16
(b) 11/16, 5/8, 19/24
(c) 5/8, 11/16, 19/24
(d) 19/24, 11/16, 5/8

Q82. Read the statements and select a conclusion from the given alternatives:

Statement:

While presenting a stage show recently, the famous actress declared that she has a practice of either taking full payment or none for her stage shows.

Conclusions:

I. The actress has taken full payment for her recent stage show.

II. The actress did not take any money for her recent stage show.

(a) Only conclusion I follows.
(b) Only conclusion II follows.
(c) Either I or II follows
(d) Neither I nor II follows

Q83. Susruta is known as:

(a) father of Indian Medicine
(b) father of Indian Surgery
(c) father of Indian Ecology
(d) father of Indian Paleobotany

Q84. Read the statements and select a conclusion from the given alternatives:

Statements:

All button are pink.

Some pink are black.

Some black are bell.

All bell are white.

Conclusions:

I. Some black are white

II. Some bell are pink

III. Some pink are button.

IV. No button is white.

(a) Only I and III follow
(b) Either III or IV follows
(c) Only I and either m or IV follow
(d) Only I, II and either III or IV follow

Q85. Sri Lanka got Independence in the year

(a) 1947
(b) 1948
(c) 1949
(d) 1950

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Q86. Match the following correctly:

Produce	Uses
P) Petroleum ether	a. Fuel
Q) Paraffin wax	b. Solvent in perfumery, for dry cleaning
R) Asphalt and coke	c. Roofin road building, electrodes
S) Gasoline	d. Ointments & cosmetics

(a) P-a, Q-b, R-c, S-d
(b) P-b, Q-d, R-c, S-a
(c) P-d, Q-b, R-c, S-a
(d) P-d, Q-c, R-b, S-a

Q87. Compute of 33333 × 9999 =?
(a) 332396667
(b) 333297667
(c) 33329667
(d) 333296667

Q88. Before Indian constitution came into existence, was the last Governor-General of India.
(a) Chakravarti Rajagopalachari
(b) The Viscount Mountbatten
(c) Dr. Rajendra Prasad
(d) The Viscount Wavell

Q89. _____ is conducted to examine the cancerous tissues.
(a) Biopsy
(b) Bioscopy
(c) Choledology
(d) Radiography

Q90. Read the statement select a conclusion from the given alternatives:
Statements:
Some dark are black.
Some black are grey.
All grey are red.
All red are baby.
Conclusions:
I. Some red are black.
II. Some baby are black.
III. Some baby are grey.
IV. Some red are dark.
(a) Only I and II follow
(b) Either III or IV follows
(c) Only I, II and III follow
(d) Only I, II and either III or IV follow

Q91. Match the following Monuments/Places with their correct location.

Monuments/Places	Location
P) Golkonda Fort	a. Hyderabad
Q) Buland Darwaza	b. Fatebpur Sikri

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R) Humayun Tomb	c. New Delhi
S) Rani ki Vav	d. Patan

(a) P-a, Q-b, R-c, S-d
(b) P-a, Q-c, R-b, S-d
(c) P-d, Q-b, R-c, S-a
(d) P-d, Q-c, R-b, S-a

Q92. The median of the data 12,1,10,8,1,9,3,4,9, 7,9 is:

(a) 7
(b) 8
(c) 9
(d) 7.5

Q93. Sum of the exterior angles of a polygon is equal to:

(a) 180
(b) 450
(c) 360
(d) (n-2)180

Q94. An internet download bill costs Rs.18 for 2 minutes 30 seconds. What is the cost in rupees for 3 minutes 20 seconds? (Round upto one decimal)

(a) 24
(b) 24.1
(c) 24.2
(d) 23.9

Q95. Consider the following information: + stands for ×, - for ÷, × for - and ÷ for +, then find the value of 26 + 74 - 4 × 5 ÷ 2.

(a) 220
(b) 376
(c) 478
(d) 488

Q96. In a certain code language, If RABBIT is coded as 927763 and DRAFTER is coded as 8920349, then BETTER will be coded as?

(a) 743394
(b) 743349
(c) 734349
(d) 373449

Q97. 97. Match the following and select the correct code.

A) Quick lime	P) $CO(NH_2)_2$
B) Slaked lime	Q)Na_2CO_3
C) Urea	R) CaO
D) Washing soda	S) $Ca(OH)_2$

(a) A-S, B-R, C-P, D-Q
(b) A-R, B-S, C-Q, D-P
(c) A-R, B-S, C-P, D-Q
(d) A-S, B-R, C-Q, D-P

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Q98. In a certain code language, if NUMERIC is coded as 3145798 and ROMAN is coded as 76423, then MANNER will be coded as?

(a) 423357
(b) 423375
(c) 332475
(d) 323754

Q99. _____ is the written document that an anthropologist produces from the research depicting a culture.

(a) Ethnography
(b) Cultural Relativism
(c) Ethnocentrism
(d) Ethno botany

Q100. Compute: 19170 ÷ 54 ÷ 5

(a) 17
(b) 1775
(c) 71
(d) 1757

ANSWER KEY

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

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