



rrb-bangalore-2009

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Instructions

For the following questions answer them individually

Question 1

The Full Form of 'SARS' is

- A Serious Acute Respiratory System
- B Severe Acute Respiratory System
- C Severe Acute Respiratory Syndrome
- D Severe Asthama and Respiratory System

Answer: C

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Question 2

'Do (or) Die' was a forceful slogan during freedom struggle. Who gave this call?

- A Gandhiji
- B J.L. Nehru
- C S.C. Bose
- D B.G. Tilak

Answer: A

Question 3

At which place will you find maximum sunlight in December Month?

- A Leh
- B Pune
- C Chennai
- D Kolkatta

Answer: C

Question 4

'Electric Bulb' was discovered by

- A Graham Bell
- B Galileo
- C Edison
- D Newton

Answer: C

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Question 5

Which of the following Blood Groups is known as 'Universal Donor'?

- A O Group
- B AB Group
- C A Group
- D None

Answer: A

Question 6

Which famous Indian is known as 'Nightingale of India'?

- A Annie Besant
- B Indira Gandhi
- C Sarojini Naidu
- D Aruna Asaf Ali

Answer: C

Question 7

The center of cyclone is

- A Low Pressure
- B High Pressure
- C Low Temperature
- D High Temperature

Answer: A

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Question 8

Which state in India has Least Population?

- A Nagaland
- B Arunachal Pradesh
- C Sikkim
- D Goa

Answer: C

Question 9

The Head Quarters of 'West Central Railway' is

- A Jaipur
- B Bilaspur
- C Jabalpur
- D None

Answer: C

Question 10

'Red Fort' at New Delhi was built by

- A Jehangir
- B Akbar
- C Shahjahan
- D None

Answer: C

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Question 11

Which amongst the following is the Greatest source of income to Government of India

- A Excise Duty
- B Sales tax
- C Income Tax
- D None of these

Answer: A

Question 12

The first Indian satellite launched was

- A Rohini
- B Apollo
- C Sputnik
- D Arya Bhatta

Answer: D

Question 13

'RADAR' is used

- A To find out solar radiation
- B To guide path of ships and planes
- C To see the satellites
- D To find out intensity of earthquakes

Answer: B

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Question 14

Deficiency of vitamin is the main cause for 'Beri-Beri Disease'

- A Vitamin A
- B Vitamin C
- C Vitamin B
- D Vitamin K

Answer: C

Question 15

'Ayodhya' is situated on the bank of which River

- A Sarayu
- B Yamuna
- C Ganga
- D None of these

Answer: A

Question 16

The Famous Book 'God of Small Things' was written by

- A Salman Rushdie
- B R.K. Narayan
- C Arundati Roy
- D Vikram Seth

Answer: C

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Question 17

The smallest particle that has all the properties of an element

- A Atom
- B Molecule
- C Compound
- D None of these

Answer: A

Question 18

The famous Book 'Anand Math' was written by

- A Rabindranath Tagore
- B Aurobindo Ghosh
- C Bankim Chandra Chatterji
- D None of these

Answer: C

Question 19

'Soyabean' contains a high level of

- A Proteins
- B Vitamins
- C Carbohydrates
- D None of these

Answer: A

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Question 20

Indian economy is most appropriately described as a

- A Capitalistic Economy
- B Socialistic Economy
- C Mixed Economy
- D None of these

Answer: C

Question 21

Who is Ex-Officio Chairman of 'Rajya Sabha'?

- A President of India
- B Vice-President of India

- C Prime Minister
- D Speaker of the Rajya Sabha

Answer: B

Question 22

'2006 World Cup Foot Ball' Tournament will be held at

- A England
- B Germany
- C France
- D Italy

Answer: B

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Question 23

The Architect of 'Chandigarh' was

- A Le Corbusier
- B Edward Lutyens
- C Michael Angelo
- D None of these

Answer: A

Question 24

'Wimbledon' belongs to

- A Britain
- B Australia
- C France
- D None

Answer: A

Question 25

What is the minimum age for election of President of India?

- A 30 years
- B 35 years
- C 40 years
- D 25 years

Answer: B

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Question 26

The first general elections free india were held in the year

- A 1947-48
- B 1950-51
- C 1951-52
- D None

Answer: C

Question 27

Which one of the following is not a Fundamental Right

- A Right to Freedom
- B Right to equal pay
- C Right to Religion
- D None of these

Answer: B

Question 28

In India Which state is largest in terms of Area?

- A Madhya Pradesh
- B Bihar
- C Rajasthan
- D Uttar Pradesh

Answer: C

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Question 29

The capital of India was shifted from Calcutta to Delhi in the year

- A 1915
- B 1912
- C 1911
- D 1920

Answer: C

Question 30

The Human body contains how much percentage of water?

- A 75%
- B 80%
- C 45%
- D 90%

Answer: A

Question 31

Who is regarded as the 'Architect of the Indian Constitution'?

- A B.N. Rao
- B Dr.B. Rajendra Prasad
- C B.R. Ambedkar
- D None of these

Answer: C

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Question 32

Who is known as the Iron Man of India?

- A L.B. Shastri
- B B.G. Tilak
- C S.V. Patel
- D N.S. Bose

Answer: C

Question 33

According to 2001 Census which state has a 'Sex Ratio' more than 1000?

- A West Bengal
- B Kerala
- C Maharashtra
- D None of these

Answer: B

Question 34

In which language was Srimad Bhagwad Gita originally written?

- A Telugu
- B Sanskrit
- C Pali
- D Prakrit

Answer: B

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Question 35

"The Universal Law of Gravitation" was propounded by

- A Kepler
- B Newton
- C Galileo
- D Copernicus

Answer: B

Question 36

"Home Rule Movement" was started by

- A B.G. Tilak & Annie Besant
- B Mahatma Gandhi & Lajpat Rai
- C Sarojini Devi & S.C. Bose
- D None of these

Answer: A

Question 37

Which River forms its deltas in Orissa

- A Mahanadi
- B Godavari
- C Narmada
- D None

Answer: A

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Question 38

Which of the following is non-renewable source of energy?

- A Biogas
- B Petroleum
- C Coal
- D Natural Gas
- E Both B and C are correct

Answer: E

Question 39

The first Europeans to establish trade links with india were

- A Portuguese
- B Dutch
- C British
- D None

Answer: A

Question 40

Which is the longest running train on Indian Railways

- A Jammu-Kanyakumari (Himasagar Express)
- B Mumbai-Goa (Shelini Express)
- C Ahmedabad-Chennai (Navajeevan Express)
- D None of these

Answer: A

Explanation:

Question 41: Which of the following place of Indian Railways 'Electro Locomotives' is

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Question 41

Prime minister of India in the chairman of

- A Planning Commission
- B Security Commission
- C Lok Sabha
- D None of these

Answer: A

Question 42

The main occupation of vedic-age people was?

- A Trade
- B Hunting
- C Agriculture
- D None

Answer: C

Question 43

Which former ancient poet is known as 'Nirguna'

- A Kalidas
- B Kabirdas
- C Surdas
- D Rehim

Answer: C

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Question 44

Which country is known as the 'play ground of Europe'?

- A Switzerland
- B Italy
- C France
- D None of these

Answer: A

Question 45

In which of the following session, the Indian National Congress demanded 'Complete Independence' for the first time?

- A Lahore session, 1929
- B Lucknow session, 1899
- C Calcutta Session, 1928
- D Karachi Session, 1931

Answer: A

Question 46

The comptroller and Auditor General (CAG) of India was appointed by

- A President of India
- B Cabinet

- C Prime Minister
- D Parliament

Answer: A

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Question 47

Who introduced 'English Education' in India

- A Lord Cornwallis
- B Lord Wellesley
- C Lord Macaulay
- D None of these

Answer: C

Question 48

Who Introduced 'Indian civil services' (ICS)

- A Lord Canning
- B Lord Cornwallis
- C Lord Bentick
- D None of them

Answer: B

Question 49

Mahatma Gandhi was assassinated on

- A Jan 28, 1949
- B Jan 30, 1948
- C Jan 31, 1947
- D None of these

Answer: B

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Question 50

The first passenger train in India ran between which two stations?

- A Mumbai-Kurla
- B Mumbai-Thane
- C Mumbai-Viderbha

D None of these

Answer: B

Question 51

The first Women to cross the famous 'English Channel' was

A Kalpana Chawla

B Junko Thabi

C Arthi Saha

D None of these

Answer: C

Question 52

Whom did Chandra Gupta Mourya defeat

A Sakas

B Huns

C Mughals

D Greeks

Answer: B

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Question 53

The Partition of Bengal was under taken with the view of

A Suppressing the Revolt

B Satisfying the Hindus and Muslims

C Meeting the Demand by the Indian Muslim for for a separate state

D Dividing the Hindus of West and Muslims of East Bengal and Increase Hinduism-Muslim Tensions

Answer: D

Question 54

The Green Colour of leaves is due to the Presence of

A Calcium

B Phosphorus

C Chlorophyll

D None

Answer: C

Question 55

Which of the following is a kharif crop

- A Maize
- B Wheat
- C Rice
- D Mustard

Answer: C

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Question 56

Which of the following is used as 'Refrigerant'

- A Helium
- B Argon
- C Ammonia (NH_3)
- D None of these

Answer: C

Question 57

In which year did India join the United Nation Organisation (UNO)

- A 1945
- B 1946
- C 1949
- D None

Answer: A

Question 58

How many types of emergency are envisaged by the constitution?

- A 2
- B 3
- C 4
- D None

Answer: B

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Question 59

Which of the following 'weight' is measured in carats?

- A Gold
- B Aluminium
- C Silver
- D None

Answer: A

Question 60

What is the freezing point of water?

- A 4°C
- B 100°C
- C 0°C
- D None

Answer: C

Question 61

Which state of India introduced the common Civil Code for first time?

- A Goa
- B Gujarat
- C Arunachal Pradesh
- D None of these

Answer: A

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Question 62

Which is the 'Largest River' the world

- A Ganga River
- B Mississippi River
- C Amazon River
- D None of these

Answer: C

Question 63

The famous 'Nile River' flows through which country?

- A France
- B Italy
- C Egypt
- D None

Answer: C

Question 64

The medal won by Anju B. George at the 'world Athletics Meet' at Paris?

- A Gold
- B Silver
- C Bronze
- D None of these

Answer: C

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Question 65

In which Indian film the Alien was acted for the first time

- A Kal ho Na ho
- B Hangama
- C Dil se
- D None of these

Answer: D

Question 66

The main chemical substance present in bones and teeth of animals is

- A Sodium Chloride
- B Sugar
- C Calcium phosphate
- D Calcium Sulphate

Answer: C

Question 67

Which cities are known as "Twin Cities" in India

- A Secunderabad-Hyderabad
- B Nagpur-Pune

- C Bangalore-Mangalore
- D None of these

Answer: A

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Question 68

The Coacher of Kenya Cricket which stormed into the semifinals of the World Cup Cricket 2003 is a

- A Srilankan
- B Indian
- C South African
- D None of these

Answer: B

Question 69

The Council of Ministers are appointed by

- A The Parliament
- B The President on the recommendation of Prime Minister
- C Election Commission
- D None of these

Answer: B

Question 70

The main element in the 'Cattle Bone Powder' is

- A Calcium
- B Phosphorus
- C Nitrogen
- D None

Answer: B

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Question 71

Which gas was involved in Lime Water turning into milky?

- A O_2
- B CO_2

C Sulphur dioxide

D None

Answer: B

Question 72

Which of the following place in India receives minimum rain fall

A Leh

B Jaisalmer

C Thar

D None

Answer: B

Question 73

A person first travels towards North $3\frac{1}{2}$ km, then he turns left and travel $1\frac{1}{2}$ km and then turns towards left and travel for $3\frac{1}{2}$ km. How far is he from the starting point ?

A 2km West

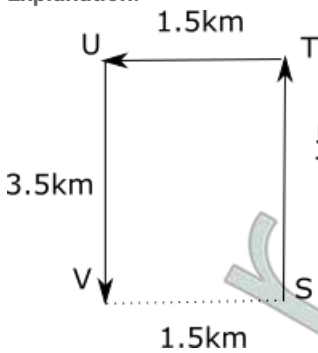
B $1\frac{1}{2}$ km West

C $2\frac{1}{2}$ km East

D None

Answer: B

Explanation:



Distance from starting point= VS=1.5km West

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Question 74

Find the odd one out

A Cotton

B Wool

C Coir

D Jute

Answer: C

Explanation:

Cotton, wool, and jute are cloth fibre's whereas coir is not. Thus, coir is the odd one out.

Question 75

Find the relationship

Heart: Circulation:: Kidney : ?

- A Blood
- B Filtration
- C Regularation
- D None of these

Answer: B

Explanation:

The role of heart is to circulate blood while the role of kidney is to filter blood.

Question 76

Ram is fifth rank from both sides (Left & Right), the no. of students in the class is

- A 10
- B 9
- C 12
- D None

Answer: B

Explanation:

Ram is the fifth rank from both sides means there are 4 people to the left as well as to the right of Ram.

Thus, the number of people including Ram is = $4 + 4 + 1 = 9$.

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Question 77

KAMLA KAR : RAKALMAK :: SUNIL : ?

- A LINUS
- B LIMUS
- C LINSU
- D NLIUS

Answer: A

Question 78

'+' → '×', '-' → '÷', '×' → '+', '÷' → '-' then what is the value of $26 + 10 - 5 \times 7 \div 15 = ?$

- A 21

- B 44
- C 101
- D None of these

Answer: B

Explanation:

The given equation is modified by the conditions mentioned in the question and is restated as

$$=26x(10/5)+7-15=44$$

Question 79

Find which of the word can be made from the letters of the given word
MEASUREMENT

- A MASTER
- B TELEVISION
- C CEMENT
- D None of these

Answer: A

Explanation:

"Master" is the only word that can be formed from the given word "Measurement". "Cement" needs a "C" and Television needs a "V" which are not there in "Measurement".

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Question 80

Which of the following only mammal can fly?

- A Cow
- B Bat
- C Snake
- D Sparrow

Answer: B

Explanation:

Cow and snake are mammals but can't fly whereas sparrow's can fly but is not a mammal. Bats are mammals and can fly. So option B is correct.

Question 81

A man rows upstream 16km and down stream 28km, taking 5 hour each time, the velocity of the current

- A 2.4 km/hr
- B 1.2 km/hr
- C 3.6 km/hr
- D 1.8 km/hr

Answer: B

Explanation:

Let the man's speed be m and the speed of current be c

$$\text{Time taken in downstream} = \frac{28}{m+c} = 5$$

$$\text{Time taken in upstream} = \frac{16}{m-c} = 5$$

Subtracting second equation from first equation, we get $10c = 12$ or $c = 1.2$

Question 82

The sides of the triangle are in the ratio 4:5:6 and then the perimeter of the triangle is 90m. then Area of the triangle.

- A 25
- B 45
- C 10
- D None of these

Answer: D

Explanation:

Since the ratio of sides is given as 4:5:6, let the side of the triangle be $4y, 5y$ and $6y$.

The perimeter is given as 90. Thus,

$$90 = 4y + 5y + 6y = 15y$$

$$\Rightarrow y = 6.$$

Thus, the sides are 24, 30, 36.

Area of the triangle by Heron's formula $= \sqrt{s(s-a)(s-b)(s-c)} = 357.14$, where s is the semiperimeter and a, b, c are the sides of the triangle.

Since no options satisfy the answer, option D none of these is correct.

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Question 83

The value of $\cos^2 90^\circ - \sin^2 90^\circ$ is

- A 1
- B $\frac{1}{2}$
- C -1
- D None of these

Answer: C

Explanation:

$$\cos 90 = 0$$

$$\sin 90 = 1$$

So, the given expression is $0 - 1 = -1$

Question 84

If $x^2 - 5x - 24 = 0$, then find the value of x

- A +8,-3
- B +8,+3
- C -8,-3
- D -8,+3

Answer: A

Explanation:

$$x^2 - 5x - 24 = 0$$

$$\text{So, } x^2 - 8x + 3x - 24 = 0$$

$$\text{ie } x(x-8) + 3(x-8) = 0$$

$$\Rightarrow (x+3)(x-8)=0$$

or $x = 8$ or -3

Question 85

If the cost price of 12 oranges is equal to selling price of 10 oranges, then the percentage of profit is

- A $16\frac{2}{3}\%$
- B 18%
- C 20%
- D 25%

Answer: C

Explanation:

Let the cost of each orange be y .

Cost of 10 apples = $10y$

Selling price of 10 apples = Cost of 12 apples = $12y$

The profit for selling 10 apples = $12y - 10y = 2y$

Thus profit% = $(2y \times 100) / 10y = 20\%$

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Question 86

The average of seven numbers is 10. The average of first five numbers is 10. Then what is average of remaining two numbers?

- A 10
- B 15
- C 25
- D None of these

Answer: A

Explanation:

Sum of the 7 numbers = $S_7 = \text{Avg of the seven numbers} \times 7 = 10 \times 7 = 70$

sum of first 5 numbers = $S_5 = 10 \times 5 = 50$

Thus the sum of the next 2 numbers = $S_7 - S_5 = 70 - 50 = 20$

Therefore, average of the remaining 2 numbers = $S_2 / 2 = 20 / 2 = 10$

Instructions

In each of the following questions, out of the given alternatives, choose that one which best expresses the meaning of the given word.

Question 87

Secure

- A Secret
- B Safe
- C Comfortable
- D Independent

Answer: B

Explanation:

Secure means to be free from danger i.e to be safe. Thus, B is the right choice.

Question 88

Distinguish

- A Darkeh
- B Abolish
- C Differentiate
- D Confuse

Answer: C

Explanation:

Distinguish is to understand the difference between two or more things. Differentiate also means the same. Thus, C is the right choice.

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Question 89

Admit

- A Decide
- B Accept
- C Realise
- D Commit

Answer: B

Explanation:

Admit is to agree something is true. Agree means to have the same opinion. Option B is closest to the given word. Thus, B is the right choice.

Question 90

Stamina

- A Endurance

- B Eagerness
- C Intensity
- D Energy

Answer: A

Explanation:

Stamina is the ability to withstand strain for a long period of time. Similarly, endurance is the prolonged ability to withstand wear and tear. Thus, A is the right choice.

Instructions

In each of the following questions, out of the given alternatives, choose that one which best expresses the opposite in meaning to the given word.

Question 91

Judicious

- A Unequal
- B Impure
- C Unlawful
- D Indiscreet

Answer: D

Explanation:

Judicious means showing or having good judgement. Indiscreet is lacking of good judgement. Thus, choice D is correct.

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Question 92

Absolute

- A Scare
- B Faulty
- C Limited
- D Deficient

Answer: C

Explanation:

Absolute means complete or total whereas as limited means confined within certain limits. Thus, option C is correct. Deficient means lacking in something. Therefore, option D is wrong.

Question 93

Delete

- A Impound
- B Inset
- C Inspire

D Injure

Answer: B

Explanation:

Delete means to remove. Inset means to insert which is the opposite of delete. Impound means to seize, inspire means motivate and injure means to hurt. Thus, B is the right option.

Instructions

Select the word that correctly represents the meaning of the given sentence.

Question 94

A person interested in reading books and nothing are

A Student

B Scholar

C Bookworm

D Book-keeper

Answer: C

Explanation:

A scholar is a person specialized in a particular field, and a book-keeper is an individual who records financial transactions, so options B and D are wrong. A student is a person who studies something and doesn't mean is interested in reading only, so option A is also wrong. Option B bookworm means a person who enjoys reading, which is the correct answer

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Question 95

One who resides in a country of which he is not a citizen

A Allien

B Foreigner

C Native

D Prodigal

Answer: B

Explanation:

We can eliminate option C as it is opposite in meaning to the given sentence. Prodigal means someone who is reckless or wasteful and hence would not be the right answer. Between options A and B, option B is more suitable as a person staying in his own native country might be a foreigner to someone visiting that country.

Question 96

Life history of a person written by another

A Autobiography

B Bibliography

C Biography

D Memoir

Answer: C

Explanation:

Autobiography is the life history of a person written by himself. Bibliography is the list of all the sources used in the research work. Memoir is a short account written about an incident written from personal knowledge.

The correct answer is biography. Biography is the account of a person's life authored by some other person.

Question 97

A cure for all diseases

- A Exorcism
- B Panacea
- C Imperialism
- D chauvinism

Answer: B

Explanation:

Imperialism and chauvinism are political terms that are unrelated to the given phrase. Exorcism is related to evil spirits and is also unrelated to the required synonym. The correct answer is panacea which is the mythical cure to all diseases.

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Question 98

A paper written in one's own hand writing

- A Manuscript
- B Parchment
- C Scroll
- D Transcript

Answer: A

Explanation:

Parchment and scroll refer to the material that things can be written on. They are, hence, not the required synonyms. Transcript is written or printed information of something that's available in another medium. Hence, it is not the synonym as well. The correct answer is Manuscript. It is the piece of hand written document.

Instructions

Change the voice

Question 99

Mona was writing a letter to her father

- A A letter was written to her father
- B A letter was been written to her father by Mona
- C A letter was being written by Mona to her father
- D A letter was written by mona to her father

Answer: C

Explanation:

In passive voice, "letter" becomes the subject of the sentence. The tense of the sentence has to stay the same. Hence C is the correct answer.

Question 100

You will have finished this work by tomorrow

- A This work will have been finished tomorrow
- B This work will be finished by tomorrow
- C This work will finished tomorrow
- D This work will have been finished by tomorrow

Answer: D

Explanation:

In the passive voice, "the work" becomes the subject. The tense remains the same. Hence, D is the right answer.

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