

What was India's rank in the Environmental Performance Index (EPI) out of 180 countries?

Options :

- 1. 170th
- 2. 180th
- 3. 178th
- 4. 179th
- 5.

Answer : 180th

• Question No. 2

What is the Bihar Literacy Rate at present?

Options :

1. 70%

3.94%

2.69.8%

- 4. 91%
- 5.

Answer : 69.8%

• Question No. 3

Who is the 49th Chief Justice of India?

- 1. Justice Uday U Lalit
- 2. S. Abdul Nazeer



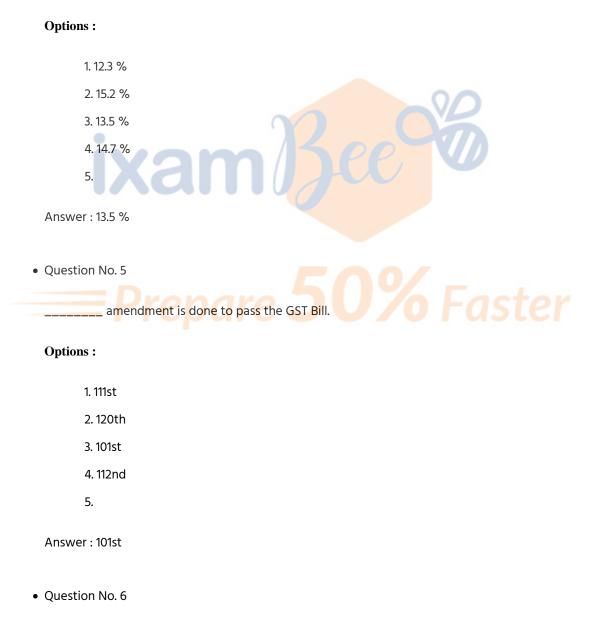
Dhananjaya Y. Chandrachud
 Sharad Arvind Bobde

5.

Answer : Justice Uday U Lalit

• Question No. 4

As per the NSO Data, what is India's GDP growth rate in the first quarter (April-June) of this fiscal year 2022-23?



Who won Gold medal in the Badminton category in the Commonwealth Games held in Birmingham, UK?



Options :

- 1. Ng Tze Yong
- 2. Yeo Jia Min
- 3. Lakshya Sen
- 4. None of these
- 5.

Answer : Lakshya Sen

• Question No. 7

Who is the current textile minister of India?

Options :

- 1. Smt. Darshana Vikram Jardosh
- 2. Smt Rachna Shah
- 3. Shri Piyush Goyal
- 4. None of these

Answer : Shri Piyush Goyal

5.

• Question No. 8

According to the 2011 census of India, what is the sex ratio of females as per the males?

Options :

- 1.950/1000
- 2.943/1000
- 3.902/1000
- 4.832/1000
- 5.

Answer : 943/1000



Who has been appointed as the 36th President of BCCI(Board of Control for Cricket in India)?

Options :

- 1. Roger Binny
- 2. Sourav Ganguly
- 3. Rajeev Shukla
- 4. None of these
- 5.

Answer : Roger Binny

• Question No. 10

In 2022, the Prime Minister Shri Narendra Modi inaugurated the Atal Pedestrian Triangular Truss Bridge in which state of India?

Options :

1. Gujarat

2. Kerala

- 3. Uttar Pradesh
- 4. Maharashtra
- 5.

Answer : Gujarat

• Question No. 11

Which of the following village is declared to be India's first 24*7 solar powered village?

- 1. Modhera in Gujarat
- 2. Unai in Gujarat



3. Hodka in Gujarat 4. Khavda in Gujarat

5.

Answer : Modhera in Gujarat

• Question No. 12

The Sultan of Johar Cup held in which of the following countries from 22 to 29 October 2022?

Options :	
1.	Malaysia
2.	Singapore
3.	Thailand
4. 5.	None of these
Answer :	Malaysia
Question For whicl	No. 13 n crop was the Champaran movement organized by Gandhiji in 1917?
Options :	
1.	Maize
2.	Cotton
3.	Barley
4.	Indigo
5.	
Answer :	Indigo
Question	No. 14

Who became the first athlete to win the Diamond League 2022?



Options :

- 1. Mirabai Chanu
- 2. Virat Kohli
- 3. Sakshi Malik
- 4. Neeraj Chopra
- 5.

Answer : Neeraj Chopra

• Question No. 15

Where is the G 20 Foreign Ministers Meeting 2022 held on 7th - 8th July, 2022?



• Question No. 16

Which Ladakhi dance has created history by breaking into the Guinness book of world records as the largest Ladakhi dance?

Options :

- 1. Shondol dance
- 2. Loho dance
- 3. Chailam dance
- 4. Rouf dance

5.



Answer : Shondol dance

• Question No. 17

'Caddie' term is used in which of the following game?

Options :

- 1. Polo
- 2. Badminton
- 3. Cricket
- 4. Golf
- 5.

Answer : Golf

• Question No. 18

Who had won India's first ever gold medal in the female category of Commonwealth Games 2022, in the 49 kg weightlifting category?

Options :

- 1. Mirabai Chanu
- 2. Karnam Malleswari
- 3. Kunjarani Devi
- 4. None of these
- 5.

Answer : Mirabai Chanu

• Question No. 19

On which date National Science Day is celebrated annually in India?



- 1. 26th February
- 2. 28th February
- 3. 27th February
- 4. 26th February
- 5.

Answer : 28th February

• Question No. 20

When was the Suresh Tendulkar committee formed to review methodology for poverty reduction in the country?



Find the simplified value of the following expression

$$\left\{1\frac{7}{9} + 6\frac{2}{5}\right\} \div 2\frac{3}{5}$$

Options :

1. 56 2. 368/117 3. 328/117 4. 348/117

5.



Answer : 368/117

• Question No. 22

P's 4 days work is equal to Q's 5 days work. If P and Q together can complete the work in 25 days then how much time Q will take to complete 40% of the work?

Options :

1. 16 days 2. 35 days 3. 22.5 days 4. 20 days 5. Answer : 22.5 days

• Question No. 23

Aman lends 50% of his sum of money at 17% per annum, 40% of rest at 12% per annum and the rest at 15% per annum rate of interest. What would be the annual rate of interest, if the interest is calculated on the whole sum?



If the curved surface area and the radius of a cylinder are 440 cm^2 and 10 cm, respectively, then find the volume (in cm^3) of the cylinder.



Options :

1. 2200

2.2000

3. 2500

- 4. 2700
- 5.

Answer : 2200

• Question No. 25

Find the profit percentage earned on a school bag if it was sold at Rs.1548 after offering a discount of 10% and the marked price of a school bag is Rs.430 more than its cost price.



Answer : 20

• Question No. 26

Average of four numbers is 16. Sum of smallest and largest number is 45. If difference between other two numbers is 1, then find the square of second smaller number.

Options :

1. 81

- 2. 225
- 3. 361
- 4. 196



5.

Answer : 81

• Question No. 27

A plot has to be divided among P, Q and R in the ratio 2:3:5 respectively. If the area of plot received by R is 5200m² more than the area of plot received by Q, then find the total area of plot received by P and Q.

Options :

- 1. 7700m² 2. 15200m² 3. 13000m² 4. 11200m² 5. Answer : 13000m²
- Question No. 28

If the ratio of areas of two similar triangles is 9:16, then the ratio of their corresponding sides is?

Options :	
1. 2:3	
2. 3:4	
3. 4:5	
4. 5:6	
5.	
Answer : 3:4	
Question No.	29

IB SA/MTS Tier I 2022 Previous Year Paper (23 March, 2023)



$$\sqrt{3\frac{1}{16}} = ?$$

Options :

1.7/4

2.7/6

3.9/4

4. none of these

5.

Answer: 7/4

• Question No. 30

A scored 38% marks and failed by 40 marks whereas B scored 68% marks, which was 50 more than the passing marks of the examination. Find the total marks of the examination.



• Question No. 31

Simple interest on a sum of money for 2 years is 1/5th of the sum, then the interest received in 5 years on same principal will be what time of the principal?

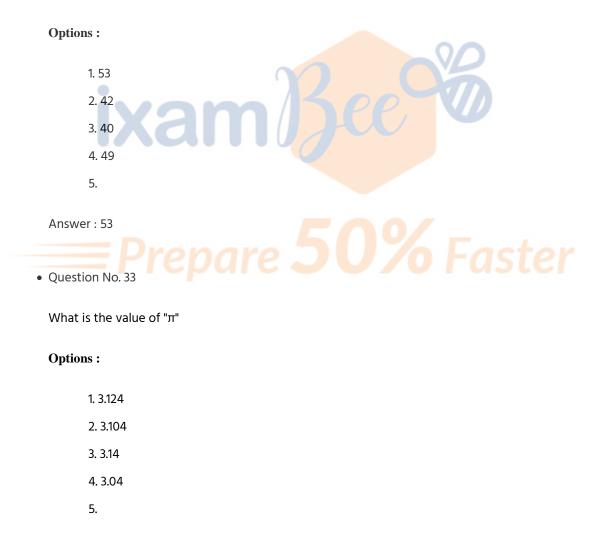


1. 1/2 2. 1/3 3. 3/4 4. 2/3 5.

Answer : 1/2

• Question No. 32

The average of 24 numbers is 48. If 5 is added to each number, then the new average will be:



Answer : 3.14



If O is circumcentre of acute angled triangle ABC, if \square BOC = 100° then \square BAC = ?

Options :

1. 80°

- 2. 45°
- 3. 110°
- 4. 50°
- 5.

Answer : 50°

• Question No. 35

Perimeter of a square shaped plot is 96 metres and the area of a rectangular plot is 65% more than that of the square shaped plot. Find the area (in m²) of a rectangular plot?

Options :

1. 940.4 2. 930.4 3. 950.4 4. 920.4 5. Answer : 950.4

• Question No. 36

A sum of Rs. 642 is divided among X, Y and Z such that X gets Rs. 144 more than Y. Y gets Rs. 90 more than Z. Find the share of Z?

Options :

1. Rs 106



2. Rs 133 3. Rs 113 4. Rs 125 5.

Answer : Rs 106

• Question No. 37

A boat can cover 220 km in downstream in 10 hours and 170 km in upstream in 17 hours. Find the distance travelled by the boat in still water in 5 hours.



A shopkeeper sold a school bag at a profit of 65%. Had he sold the school bag at 35% profit he would have earned Rs.183 less. Find the cost price of the school bag.

Options :

1. Rs.410 2. Rs.740 3. Rs.610 4. Rs.520 5.

Answer : Rs.610



'A' and 'B' can do a piece of work in 30 days and 40 days, respectively. They started working together but 'A' left after 9 days. Find the time taken by 'B' to complete the remaining work.

Options :

1. 17 days

2.18 days

3. 19 days

4. 16 days

5.

Answer : 19 days

• Question No. 40

In a test, P got 25% of total marks and failed by 60 marks while Q got 45% of total marks which is 23 more than passing marks. Find the total marks of the test.

Options :



Answer : 415

Direction:

In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts

• Question No. 41

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Statements : Some fathers are mother.

All mothers are son.

Some son are daughter.

- Conclusions: I. Some fathers may be daughter.
 - II. All mothers may be father

Options :

- 1. If both conclusions I and II follow
- 2. If neither conclusion I nor II follows
- 3. If either conclusion I or II follows.
- 4. If only conclusion II follows.

5.

Answer : If only conclusion II follows.

• Question No. 42

In a certain code language, 'HOUSE' is written as '81261922' and 'INK' is written as '181411'. How will 'MISTAKE' be

written in that language?

Options :

- 1. 14901920261222
- 2. 13181920261122
- 3. 13181819261105
- 4. 13091920011122
- 5.

Answer : 13181920261122

Direction:

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



987, ?, 945, 1071, 903, 1113

Options :

1.1040

2.1039

3.1030

- 4.1029
- 5.

Answer : 1029

• Question No. 44

Read the directions carefully and answer the following question.

Seven boxes P, Q, R, S, T, U and V are placed in a straight line facing North. V is between P and T. U and P have one box between them. T and R have two boxes between them. S is immediate right of U. R and Q have three boxes between them. Which box is second from left end of the line?

Options :	
1. R	
2. V	
3. T	
4. P	
5.	
Answer : T	

Direction:

In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even, if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts

• Question No. 45

IB SA/MTS Tier I 2022 Previous Year Paper (23 March, 2023)



Statements : All one are two.

All three are two.

All two are four.

Conclusions:

I. All one are four.

II. At least some three are four.

Options :

- 1. If both conclusions I and II follow
- 2. If either conclusion I or II follows.
- 3. If only conclusion II follows.
- 4. If only conclusion I follows.

Answer : If both conclusions I and II follow

Direction:

5.

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

• Question No. 46

CANVAS : DCQZFY : : LOANER : ?

Options :

- 1. MQDSKX
- 2. MRDRJY
- 3. MQDRJX
- 4. MQERJY
- 5.

Answer : MQDRJX



Seven persons—T, U, V, W, X, Y and Z are sitting along a circle facing the centre. T is between Z and W. V is second to the right of W and is between U and Y. U is not the neighbour of X. Who among the following sits fourth to the right of T?

Options :

- 1. X 2. Y
- 3. Z
- 4. V
- -. v
- 5.

Answer : Y

• Question No. 48

In a certain code language, 'FOSTER' is written as '36' and 'DANCE' is written as '25'. How will 'ORCHARD' be written in that language?

Options :	
1. 64	
2.36	
3. 49	
4. 45	
5.	
Answer : 49	

• Question No. 49

Pointing to a boy in the picture, Manisha said, "His fathers's sister is the only daughter of my father's father." How is the boy's father related to Manisha if the boy is not the real brother of Manisha?



Options :

- 1. Brother
- 2. Uncle
- 3. Grandfather
- 4. None of these
- 5.

Answer : Uncle

Direction:

Select the option that is related to the third word in the same way as the second word is related to t he first word.

Question No. 50 Audacious : Courageous : : Deflate : Options :
1. Enlarge
2. Entangle
3. Collapse
4. Attentive epone Joraster
5.
Answer : Collapse

Direction: Study the following information carefully and answer the questions given below

• Question No. 51

E is the son of A. D is the son of B. E is married to C. C is B's daughter. How is D related to E?

- 1. Brother
- 2. Uncle



- 3. Father-in-law
- 4. Brother-in-law
- 5.

Answer : Brother-in-law

Direction: Study the following information carefully and answer the questions given below

• Question No. 52

Himani is standing facing south. She walks 16km straight, then turns left and walks another 13km and turns right and walks 7km. Finally turns left and walks 9km to reach her office. Which direction is she facing now?



Direction:

Study the following information carefully and answer the questions given below

• Question No. 53

Six friends are sitting in a circle and are facing the centre. R, C and P are females. V, M and A are males. M is between V and A, C is between P and R. V and P are opposite to each other. Person sitting to the right of R is male. Who is sitting just right to A?

Options :

1. M

- 2. C
- 3. P



4. V

5.

Answer : P

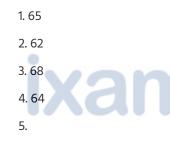
Direction:

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

• Question No. 54

If 12 # 34 = 14 and 67 # 88 = 106, then 45 # 67 = ?





Answer : 62

Direction:

Study the following information carefully and answer the questions given below

• Question No. 55

Statements:

 $A \le B > E \ge F; M > E$

Conclusions:

I. N > F

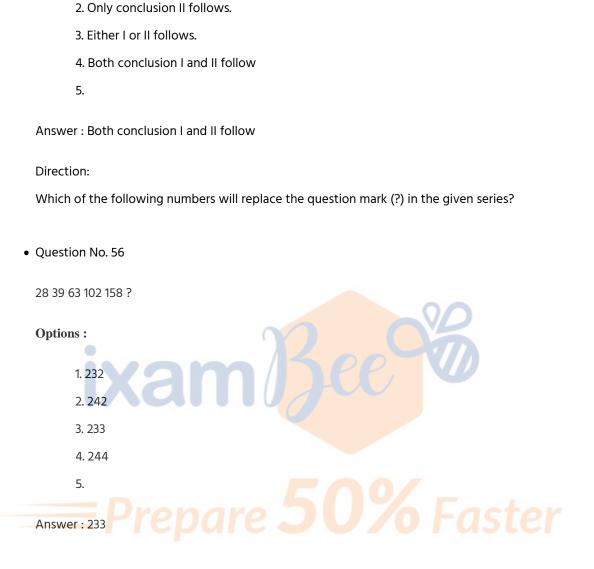
II. B > F

Options :

1. only conclusion I follow.

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• Question No. 57

Jatin started from his house and walked 13m east, then he takes a left and walked 7m. Then again he takes a left and walks 8m. He finally takes right and walked 5m. What is the shortest distance between his house and final point?

Options :

1. 15m

2. 12m

3. 13m

4. 11m

5.



Answer : 13m

Direction:

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

• Question No. 58

If 24 @ 6 = 28 and 39 @ 24 = 102, then 22 @ 16 = '?'.



• Question No. 59

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

	11	9	riepuie Ju iuste		
	7	8	?		
	324	289	441		
Options :					
		1. 10			
		2. 11			
		3. 12			
		4.9			
		5.			
	Ansv	ver : 10			



Abhinav started from point B and walked 40 m towards West. Then, he turned left and walked 35 m. Then, he turned right and walked 25 m. Harish started from point A and walked 45 m towards the East. Then, he turned right and walked 35 meters to meet Abhinav. What is the distance between point A and point B?

Options :

- 1. 100 m
- 2. 70 m
- 3. 110 m
- 4. 85 m
- 5.

Answer : 110 m

• Question No. 61

Someone who is doubtful about the existence of God is known as

Options :

- 1. Atheist 2. Agnostic
- 3. Theist
- 4. Theology
- 5.

Answer : Agnostic

• Question No. 62

Identify the correctly spelt sentence

Options :

1. There were two seperte sections of students in my school.



- 2. There were two separate sections of students in my school.
- 3. There were two sepearte sections of students in my school.
- 4. There were two seperate sections of students in my school.
- 5.

Answer : There were two separate sections of students in my school.

• Question No. 63

The following sentence has been split into four segments. Identify the segment that contains a grammatical error

I have waiting / anxiously / for my / exam results.

Options :

- exam results
 I have waiting
 anxiously
 for my
- 5.

Answer : I have waiting

• Question No. 64

Select the MISSPELT word.

Options :

- 1. Attain
- 2. Calandar
- 3. Allergy
- 4. Fabulous

5.

Answer : Calandar



Select the most appropriate meaning of the highlighted idiom in the given sentence.

The businessman agreed to 'grease the palm' of the bank manager for a loan.

Options :

- 1. To cooperate
- 2. To remind
- 3. To thank
- 4. To bribe
- 5.

Answer : To bribe

• Question No. 66

Find the error.

My father/is going/to the temple/no error.

- **Options :**
 - 1. My father
 - 2. Is going
 - 3. To the temple
 - 4. No error
 - 5.

Answer : To the temple

• Question No. 67

Fill in the blanks.

Once upon a time there was......MLA Who was fond of fighting......MLA was very polite.



Options :

1. An, An

- 2. A, An
- 3. An, The
- 4. The, The
- 5.

Answer : An, The

• Question No. 68

What the idiom 'Face the music' refers.

Options :

- 1. Love the music
- 2. Playing music
- 3. Get reprimand
- 4. Feeling happily
- 5.

Answer : Get reprimand

• Question No. 69

Someone who hate mankind is known as.

Options :

- 1. Misanthrope
- 2. Philanthrope
- 3. Misogynist
- 4. Phylogamist
- 5.

Answer : Misanthrope



Find the part which have error.

Ram as well as/his friends/are/going to the camp.

Options :

- 1. Ram as well as
- 2. His friends
- 3. Are
- 4. Going to the camp.
- 5.

- Answer : Are
- Question No. 71

Identify the adverb from the given options.

Rahul sings loudly in the shower.

Options :

- 1. Rahul
- 2. ls
- 3. loudly
- 4. In the shower
- 5.

Answer : loudly

• Question No. 72

Change into indirect voice.

Rahul said to me, I have two pans.



Options :

- 1. Rahul said me that I had two pans
- 2. Rahul said to me that he had two pans
- 3. Rahul said that he has two pans
- 4. Rahul told me that he had two pans
- 5.

Answer : Rahul said to me that he had two pans

• Question No. 73

Select the option that expresses the given sentence in indirect speech.

My brother said to me, "Don't play in the rain."

Options :

- 1. My brother said to me don't play in the rain.
- 2. My brother forbade me to play in the rain.
- 3. My brother assured me not to play in the rain.
- 4. My brother refused me to not play in the rain.

Answer : My brother forbade me to play in the rain.

• Question No. 74

5.

Select the most appropriate option to fill in the blank.

The house they bought was_____spacious than their previous house.

Options :

1. mostly

- 2. most
- 3. as



4. more

5.

Answer : more

• Question No. 75

Select the appropriate idiom that can replace the underlined phrase in the following sentence.

My father's office is at a close distance from home.

Options :

- 1. from hand to mouth
- 2. a part and parcel
- 3. at a stone's throw
- 4. at sixes and sevens

Answer : at a stone's throw

5.

• Question No. 76

Select the most appropriate option to fill in the blank.

The friends decided to play cards to _____ time while waiting for the cab.

Options :

- 1. ignore
- 2. kill
- 3. move
- 4. ease
- 5.

Answer : kill



Select the option that expresses the given sentence in active voice.

The task has been completed.

Options :

- 1. Someone has completed the task.
- 2. Someone has been completing the task.
- 3. Someone will be completing the task.
- 4. Someone completes the task.
- 5.

Answer : Someone has completed the task.

• Question No. 78

The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My father give up / smoking when / I was twelve / years old

Options :

- 1. My father give up
- 2. smoking when
- 3. I was twelve
- 4. years old
- 5.

Answer : My father give up

Direction:

In the following question, sentence given with blank to be filled in with an appropriate word(s). Four alternatives are suggested for the question. Choose the correct alternative out of the four and indicate it by selecting the appropriate option.

• Question No. 79



A sudden demand for tamarind seeds _____ in the market.

Options :

- 1. Were erupted
- 2. Erupted
- 3. Were erupting
- 4. Erupting
- 5.

Answer : Erupted

Direction:

In the following question, sentence given with blank to be filled in with an appropriate word(s). Four alternatives are suggested for the question. Choose the correct alternative out of the four and indicate it by selecting the appropriate option.

• Question No. 80

My father had neither much formal education nor _____ wealth.

Options :

1. lot 2. such 3. more 4. much

5.

Answer : much

• Question No. 81

Indian Fundamental Rights have been taken from which of the following countries?

- 1. United States of America
- 2. Russia



3. China 4. France

5.

Answer : United States of America

• Question No. 82

The scientific name of Tomato is_____

Options :

- 1. Solanum lycopersicum
- 2. Solanum tuberosum
- 3. Allium cepa
- 4. Allium sativum

Answer : Solanum lycopersicum

• Question No. 83

5.

In which year the Kheda Satyagraha was started in India?

Options :

1. 1919

- 2. 1917
- 3. 1918
- 4. 1920
- 5.

Answer : 1918

• Question No. 84

Kuchipudi is the classical dance of which of these states in India?



Options :

- 1. Assam
- 2. Kerala
- 3. Andhra Pradesh
- 4. Karnataka
- 5.

Answer : Andhra Pradesh

• Question No. 85

Pulicat Lake is located on the border of which state?

Options :

- 1. Andhra Pradesh
- 2. Tamil Nadu
- 3. Madhya Pradesh
- 4. Both a and b
- 5.

Answer : Both a and b

• Question No. 86

Where is the High Court of Orissa located in the state?

Options :

- 1. Puri
- 2. Cuttack
- 3. Bhubaneswar
- 4. Sambalpur
- 5.

Answer : Cuttack



Article 51 of the Constitution of India is related to which of the following provisions?

Options :

- 1. Promotion of Educational and economic interests of SC, ST
- 2. Separation of Judiciary from Executive i.e., PM
- 3. To maintain internal and external peace
- 4. Panchayati Raj System
- 5.

Answer : To maintain internal and external peace

• Question No. 88

The Carnatic music of India belongs to which state of the country?

Options :

- 1. Maharashtra
- 2. Madhya Pradesh
- 3. Karnataka
- 4. West Bengal
- 5.

Answer : Karnataka

• Question No. 89

The famous "Charminar" a historic monument located in _____built by Sultan Mohammed Quli Qutb Shah in 1591.

- 1. Hyderabad
- 2. New Delhi
- 3. Jaipur



4. Agra

5.

Answer : Hyderabad

• Question No. 90

By the Regulating Act, _____, the Supreme Court was created at Calcutta, to regulate the activities of the company in India ?

Options :

1. 1773 2. 1813 3. 1793

4. 1833

Answer : 1773

5.

• Question No. 91

The Nubra River is a river in the Nubra Valley of Ladakh in India. It is a tributary of the

Options :

- 1. Shyok river
- 2. Suru river
- 3. Zanskar river
- 4. Indus river
- 5.

Answer : Shyok river

• Question No. 92



The very famous Thomas Alva Edison, inventor of the incandescent light bulb, the phonograph, and the motion picture camera belongs to which country?

Options :

1. Russia

2. France

- 3. USA
- 4. Spain
- 5.

Answer : USA

• Question No. 93

Where is the tomb of Ibrahim Khan Lodhi situated in India?

Options :

- 1. Haryana
- 2. Gujarat

3. Delhi

4. Uttar Pradesh

5.

Answer : Haryana

• Question No. 94

Anemia is caused by the deficiency of which vitamin in the body?

- 1. Vitamin K
- 2. Vitamin B12
- 3. Vitamin C
- 4. Vitamin D



5.

Answer : Vitamin B12

• Question No. 95

What is the chemical formula of baking soda?

Options :

- 1. NaHCO_3
- 2. Na2CO3
- 3. Na2Ca2
- 4. CaSO_4
- 5.
- Answer : NaHCO_3
- Question No. 96

Which state of India shares its border with least number of states?

- **Options :**
 - 1. Rajasthan
 - 2. Sikkim
 - 3. Chhattisgarh
 - 4. Uttarakhand
 - 5.

Answer : Sikkim

• Question No. 97

Where is Bilaspur located in India?



- 1. Chhattisgarh
- 2. West Bengal
- 3. Odisha
- 4. Kerala
- 5.

Answer : Chhattisgarh

• Question No. 98

The people of the Indus Valley Civilization usually built their houses of _____?



In which year Microfinance Institutions (NBFC-MFIs) were established in India?

Options :

- 1. 2008 2. 2004 3. 2009 4. 2007
- 5.

Answer : 2009



The famous king Pulakeshin I belonged to which of the following dynasty?

Options :

- 1. Lodhi Dynasty
- 2. Chalukya Dynasty
- 3. Chola Dynasty
- 4. Ganga Dynasty
- 5.

Answer : Chalukya Dynasty

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