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**MATERIAL** 







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### **SSC MTS**

### **English**

#### Instructions

For the following questions answer them individually

#### Question 1

Select the most appropriate word to fill in the blank and make a meaningful sentence. The culprits should not be allowed to \_\_\_\_\_ easily.

- **A** get in
- **B** get on
- **C** get away
- **D** get up

Answer: C

#### **Question 2**

Select the most appropriate option to fill in the blank and make a grammatically correct sentence. The police \_\_\_\_\_ helmet lay on the table.

- A officers
- B officers'
- **C** officer
- **D** officer's

Answer: D

#### **Question 3**

Select the meaning of the given idiom.

A Wild goose chase

- A useless scratch
- **B** Timely action
- C Wise Decision
- **D** Delayed action

Answer: D

#### Question 4

Select the word which means the same as the group of words given. A speech made oneself

- A Soliloquy
- **B** Solitary
- **C** Eloquent

- **D** Dialogue
- Answer: A

Identify the segment in the sentence which contains the grammatical error from the given options. The player was declare run-out as he failed to complete the run

- A run-out as
- **B** he failed to
- **C** complete the run
- **D** The player was declare

Answer: D

#### **Question 6**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

They couldn't find what they wanted and decide to look elsewhere.

- A No substitution required
- B have decided to look
- C had decided looking
- **D** decided to look

Answer: D

#### Question 7

Select the word which means the same as the group of words given. Who believes others easily and can be cheated

- A Incredible
- **B** Gullible
- **C** Fraud
- **D** Native

Answer: B

#### **Question 8**

Identify the segment in the sentence which contains the grammatical error from the given options. If they said nothing, she could sense their disapproval of her suggestion.

A If they said nothing

В	her suggestion.						
C	their disapproval of						
D	she could sense						
A	Answer: A						
Qu	estion 9						
Select the synonym of the given word.  Aroma							
A	Sneeze						
В	Stench						
С	Stink						
D	Scent						
A	Answer: D						
Qu	estion 10						
	lect the synonym of the given word. nfusion						
A	Assurance						
В	MuddleDevotion						
С	Devotion						
D	Clarity						
A	Answer: B						

#### **Instructions**

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 blank.

#### Comprehension:

An earthquake is the shaking of the ground caused by the sudden breaking and (1) of large sections of the Earth's rocky outer shell. Scientists estimate that there (2) more than 8,000 minor earthquakes each day. Of these, only about 1,000 are strong (3) to be felt. At least 40 moderate earthquakes cause damage somewhere (4)\_\_\_\_\_ the world each year. A really powerful earthquake only occurs, on average, once every two years, (5) when it does, the results can be devastating.

#### **Question 11**

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

- pushing
- hanging
- bringing

# Answer: C **Question 13** Select the most appropriate option to fill in blank No.3 adequate enough sufficient capable Answer: B **Question 14** Select the most appropriate option to fill in blank No.4 on В in in to Answer: B Question 15 Select the most appropriate option to fill in blank No.5. whereas

- **B** but
- **C** while
- **D** as

Answer: B

#### Instructions

For the following questions answer them individually

#### **Question 16**

Identify the segment in the sentence which contains the grammatical error from the given options. In the evening he likes to read books and articles that have nothing to do of his work.

- A do of his work.
- **B** In the evening he likes
- C that have nothing to
- **D** to read books and articles

Answer: A

#### **Question 17**

Select the correctly spelt word.

- **A** Comittee
- **B** Committe
- **C** Committee
- **D** Commitee

Answer: C

#### **Question 18**

Select the correctly spelt word.

- **A** Anniversery
- **B** Anniversary
- **C** Anniversiry
- D Aniversary

Answer: B

#### **Question 19**

Select the antonym of the given word. Delicious

- A Insipid
- **B** Tepid
- **C** Salty
- **D** Gross

Answer: A

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The study found that men who were married lived longer than those who were not

- A that who were
- B the one who were
- C No substitution required
- **D** these who were

Answer: C

#### **Question 21**

Select the antonym of the given word. Adept

- **A** Competent
- **B** Inept
- **C** Skilled
- **D** Efficient

Answer: B

#### **Question 22**

Select the most appropriate word to fill in the blank and make a meaningful sentence. The customers \_\_\_\_\_ the company with complaints against the price increase

- A failed
- **B** criticized
- **C** flooded
- **D** hoarded

Answer:

#### **Question 23**

Select the meaning of the given idiom. Be at your wits' end

- A To be overjoyed
- **B** Careful thinking
- **C** Be overwhelmed with problems

Do something confidently

Answer: C

#### **Question 24**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

We found out that our competitors were selling a similar product on a much higher price.

- A No substitution required
- B at a more high price
- **C** in highest price.
- **D** at a much higher price.

Answer: D

#### **Question 25**

Select the most appropriate option to fill in the blank and make a grammatically correct sentence. The passengers \_\_\_\_ left Paris airport at six arrived in Rome an hour later.



**B** whom

C who

**D** whoever

Answer: C

# Reasoning

#### Instructions

For the following questions answer them individually

#### **Question 26**

Select the number that can replace the question mark (?) in the following series.

461, 481, 502, 524, 547, ?

- Δ 573
- **B** 585
- **C** 571
- **D** 581

Answer: C

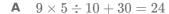
Select the number that can replace the question mark (?) in the following series. 39, 19, 58, 77, 135, ?

- **A** 202
- **B** 224
- **C** 196
- **D** 212

Answer: D

#### **Question 28**

By interchanging the given signs which of the following equations will be correct?  $+\,and\,\times$ 



**B** 
$$11 + 13 \div 6 \times 12 = 37$$

**C** 
$$5+11-6\times 3=-2$$

**D** 
$$16 + 32 \times 19 \div 38 = 32$$

Answer: A

#### **Question 29**

Six boys R, L, B, T, W and N are standing in a row facing towards north (Not necessarily in the same order). Two boys are standing between R and N. T is standing to the immediate left of R. L is standing second to the left of B. W is third to the right of B.

Who is standing to the immediate right of R?

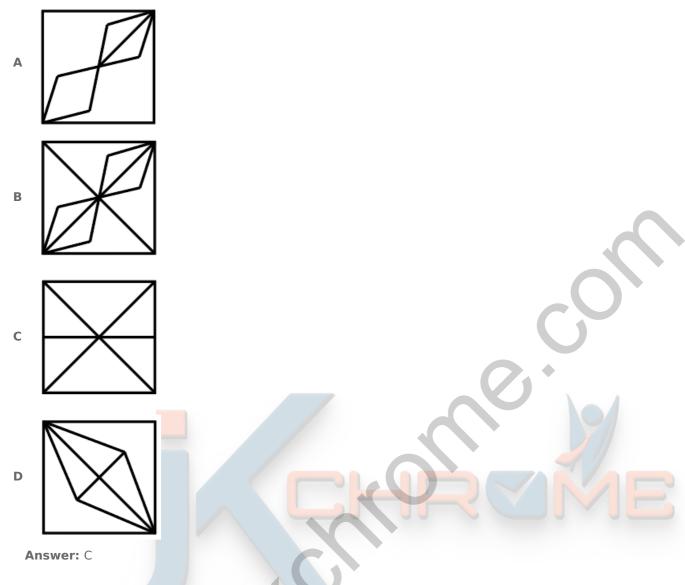
- Λ
- **B** W
- C T
- **D** B

Answer: B

#### **Question 30**

From the given answer figures, select the one in which the question figure is hidden/embedded.(Rotation is not allowed)





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

Season: Winter:: Figure:?

- A Diagonal
- **B** Angle
- **C** Triangle
- **D** Sides

Answer: C

#### **Question 32**

In a certain code language, 'PHONE' is written as '5', 'MONDAY' is written as '6'. What is the code for 'WEDNESDAY' in that code language?

- **A** 7
- **B** 11
- **C** 9

- **D** 8
  - Answer: C

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

- 5 3 7
- 6 15 12
- 9 2
- ? 20 22

3

- **A** 26
- **B** 18
- **C** 24
- **D** 20

Answer: D

#### **Question 34**

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

Cold: Refrigerator:: Hot:?

- **A** Paper
- **B** Cold
- C Oven
- **D** Ac

Answer: C

#### **Question 35**

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.

ROLF: VTRM:: NODP:?

- **A** RTJW
- **B** SUKX
- **C** RUJW
- **D** SVRX

Answer: A

In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

**Statements:** 

- I. All J are M.
- II. Some K are M.

**Conclusions:** 

- I. Some K are J.
- II. Some M are K.
- III. Some M are J.
- A Both conclusion I and II follows.
- **B** Both conclusion I and III follows.
- C Both conclusion II and III follows
- **D** Only conclusion I follows.

Answer: C

#### **Question 37**

In a certain code language, 'MOUSE' is written as 'FTVPN'. What is the code for 'ROPED' in that code language?

- **A** FESQT
- **B** EFOPS
- **C** EEQPS
- **D** FGRQT

Answer: B

#### **Question 38**

In a certain code language, 'HORSE' is written as '98543', 'WASTE' is written as '16423'. What is the code for 'ROAST' in that code language?

- **A** 58692
- **B** 51642
- C 58642
- **D** 53642

Answer: C

#### **Question 39**

Six employees R1, R2, R3, R4, R5 and R6 are sitting around a circular table facing towards the centre (not necessarily in the same order). R5 is third to the left of R3. R2 is to the immediate left of R4. R1 is to the immediate left of R5.

Which of the following statement is incorrect about R6?

- A R4 is second to the left of R6
- **B** R6 is between R3 and R1.
- C R2 is sitting opposite to R6
- **D** R5 is to the immediate right of R6

Answer: D

#### **Question 40**

Five movies F1, F2, F3, F4 and F5 (not necessarily in the same order) are displayed fromMonday to Friday. Only one movie is displayed on one day. Each movie is displayed only one time. Movie F1 is displayed on Monday. Two movies are displayed between F4 and F5. F2 is displayed just one day after F5. Which movie is displayed on Wednesday?

- **A** F2
- **B** F3
- **C** F4
- **D** F5

Answer: A

#### **Question 41**

In a certain code language, 'BRICKS' is written as 'GXNIPY'. What is the code for 'TRAVEL' in that code language?

- **A** ZYGCKS
- **B** YXFBJR
- C YYFBJR
- D ZZGCKS

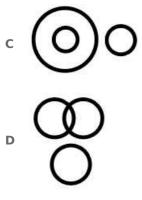
Answer: B

#### **Question 42**

Identify the Venn diagram that best represents the relationship between the given classes. Bottle, Cat, Book

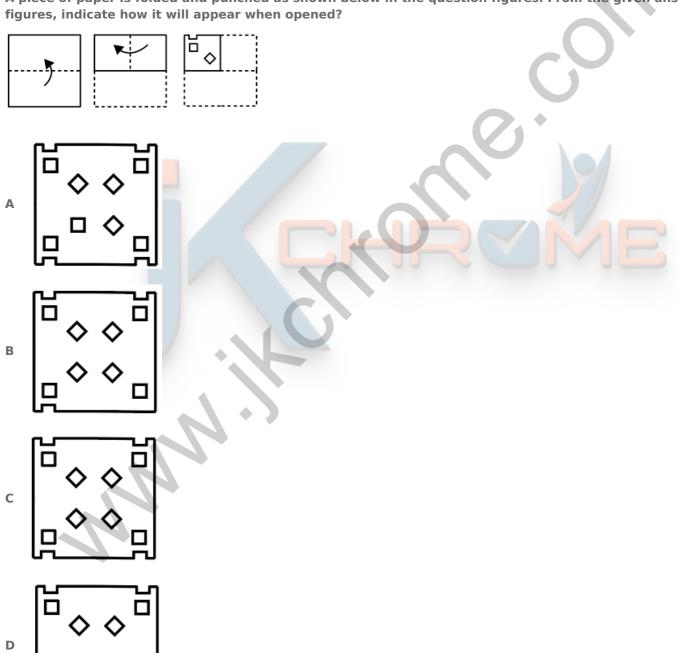




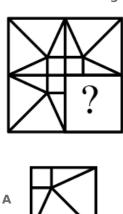


Answer: B

A piece of paper is folded and punched as shown below in the question figures. From the given answer



Which answer figure will complete the pattern in the question figure?









Answer: A

#### **Question 45**

In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.





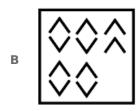


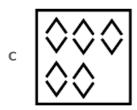


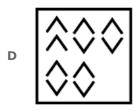


A









Answer: C

#### **Question 46**

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

95:141::87:?

**A** 147

**B** 137

**C** 133

**D** 127

Answer: C

#### **Question 47**

In the following question below are given some statements followed by some conclusions based on those statements. Taking 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 conclusion logically follows the given statements.

**Statements:** 

- I. Some red are wood.
- II. No wood is bench.

**Conclusions:** 

- I. No bench is red.
- II. No bench is wood.
- III. Some red are bench.
- A Conclusion II and either I or III follow
- **B** Neither conclusion follow
- C Only conclusion I follows
- **D** Only conclusion III follows.

Answer: A

After interchanging the signs ' $\times$  and  $\div$ ', what will be the value of the given equation?

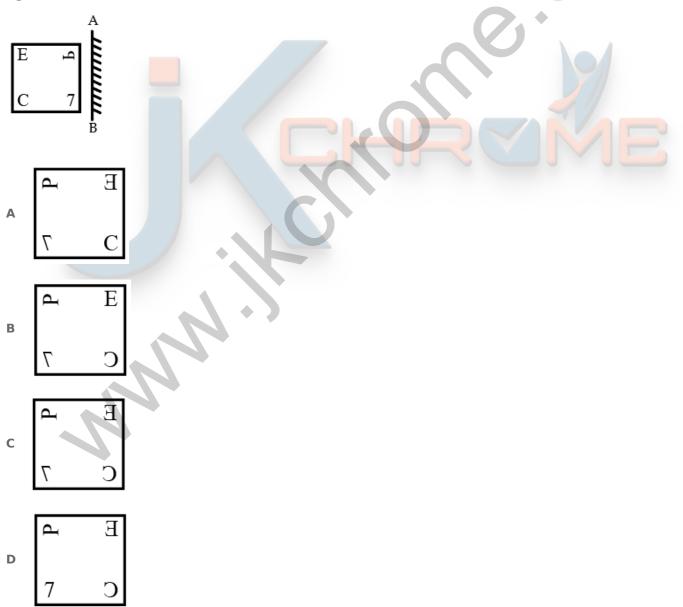
 $11 + 13 - 24 \times 3 \div 2 = ?$ 

- **A** 12
- **B** 10
- **C** 6
- **D** 8

Answer: D

#### **Question 49**

If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



Select the letter-pair that can replace the question mark (?) in the following series. JL, GJ, DH, AF, ?

- A YD
- B XC
- C YC
- **D** XD

Answer: D

#### Quant

#### Instructions

For the following questions answer them individually

#### **Question 51**

A can do 50% of the job in 16 days, B can do one-fourth of the same job in 24 days. Working together, in how many days they can do seven-fourth of the job?

- **A** 24
- **B** 28
- **C** 27
- **D** 42

Answer: D

#### **Question 52**

The ratio of the number of rural and urban workers (includes men and women only) in an office is 3 : 2. If 20% of rural and 25% of urban are women, the percentage of men is:

- **A** 67.50%
- **B** 82.50%
- **C** 78%
- **D** 58%

Answer: C

#### **Question 53**

A motor car movesat a speed of 72 km/h and 54 km/h after and before repairing respectively. It covers X distance in 6 hours after repairing. How muchtime(in hours) will it take to cover 5X distance before repairing?

**A** 40

**D** 185

Answer: D

#### **Question 55**

The average of all the prime and composite numbers upto 100 is:

- **A** 51
- **B** 50
- **C** 50.5
- **D** 49.5

Answer: A

#### **Question 56**

Whatis the median of the numbers 29, 27, 32, 23, 18, 18, 32, 31, 28, 15, 35, 30?

- **A** 29.5
- **B** 30.5
- **C** 28.5
- **D** 30

Answer: C

#### **Question 57**

The average weight of 12 articles is 18 kg. Addition of another new article reduces the average weight by 500g. What is the weight of the new article?

- **A** 11.5 kg
- **B** 15.0 kg
- **c** 11.0 kg

- **D** 10.0 kg
  - Answer: A

A buys an article at ₹1800 and sells it after giving two successive discounts of 10% and 20%. What will be the selling price (in ₹) of the article?

- **A** 1296
- **B** 1668
- **C** 1728
- **D** 1336

Answer: A

#### **Question 59**

The length of the diagonal of a rectangle is 26 cm and one side is 10 cm. The area of the rectangle is:

- **A** 240  $cm^2$
- **B** 260  $cm^2$
- **C** 65  $cm^2$
- **D** 130  $cm^2$

Answer: A

#### **Question 60**

The compound interest for two years at 12% per annum is ₹477. What is the Principal amount(in ₹) invested?

- **A** 1875
- **B** 1500
- **C** 2000
- **D** 1650

**Answer:** A

The Table shows the number of T-20 matches played, runs scored, 50 s and 100 s scored by four Indian batsmen in a particular year?

Player	Matches played	Runs scored	50s	100s
Virat	16	900	4	3
Rohit	20	840	5	1
Shikhar	25	1050	6	2
Suresh	12	450	4	0

The difference between average runs per match scored by Shikhar and average runs per match scored by Rohit is:

- **A** 1
- **B** 18
- **C** 0
- **D** 20

Answer: C

#### **Question 62**

The cost price of a pair of shoes is ₹12000. What should be the marked price (in ₹) on a pair of shoes such that after allowing a discount of 16%, the shopkeeper earns 12% profit?

- **A** 14,330
- **B** 16000
- **C** 13,440
- **D** 16,500

**Answer:** B

#### **Question 63**

A man's annual income has increased by ₹20 lakhs but the tax on income that he has to pay has reduced from 20% to 16%. He now pays the same amount of tax as earlier. What is his new total income(in ₹ lakhs)?

- **A** 100
- **B** 120
- **C** 80
- **D** 60

Answer: A

#### **Question 64**

If the ratio of principal and the simple interest for 5 years is 10 : 7, then the rate of interest (per annum) is:

- **A** 15%
- **B** 20%
- C 10%
- **D** 14%

Answer: D

#### **Question 65**

#### The value of

 $99_{99}^{95} \times 99 - 95$  is:

- **A** 9897
- **B** 9993
- **C** 9999
- **D** 9801

Answer: D

#### **Question 66**

Some persons can do a piece of work in 84 days. Two times the number of such persons will do half of the same work in how many days?

- A 21 days
- **B** 14 days
- C 16 days
- **D** 15 days

Answer: A

#### **Question 67**

How many balls ofradius 45 cm can be made by melting a bigger ball of diameter 360 cm?

- **A** 64
- **B** 128
- **C** 32
- **D** 48

Answer: A

#### **Question 68**

The ratio of the sum of the salaries of A and B to the difference of their salaries is 11: 1. The ratio of the sum of the salaries of B and to the difference of their salaries is also 11: 1. If A's salary is the highest and C's is the lowest then what is B's salary (in ₹), given that the total of their salaries is ₹18,200?

- A 8500
- **B** 5500
- **C** 6000
- **D** 7200

Answer: C

#### **Question 69**

If the ratio of selected to unselected candidates was 14: 25. If 35 less had applied and 10 less selected, the ratio of selected to unselected would have been 3: 5. Whatis the Number of candidates who had applied for a job?

- **A** 200
- **B** 175
- C 275
- **D** 195

Answer: D

#### **Question 70**

A sport car going at an average speed of 108 km/h takes 15 minutes to complete a lap on a racing track. How much speed (in km/h) should be increased to complete the lap in 9 minutes?

- **A** 180
- **B** 108
- **C** 72
- **D** 100

Answer: C

#### **Question 71**

A cuboid of size 100 cm  $\times$  80 cm  $\times$  60 cm cut into eight identical parts by three cuts. What is the total surface area (in square cm.) of all the eight parts?

- **A** 22500
- **B** 84100
- **C** 50750
- **D** 75200

Answer: D

#### Instructions

The Table shows the number of T-20 matches played, runs scored, 50 s and 100 s scored by four Indian batsmen in a

particular year?

Player	Matches played	Runs scored	50s	100s
Virat	16	900	4	3
Rohit	20	840	5	1
Shikhar	25	1050	6	2
Suresh	12	450	4	0

#### **Question 72**

Total number of runs scored by all four batsmen is:

- **A** 3240
- **B** 1620
- **C** 1450
- **D** 1500

Answer: A

#### **Question 73**

Whatis the average of the total number of runs scored by all four batsmen together?

- **A** 820
- **B** 800
- **C** 810
- **D** 790

Answer: C

#### **Instructions**

For the following questions answer them individually

#### **Question 74**

What is the value of:  $0.56\times0.36 \quad 0.42\times0.32 \\ 0.8\times0.21$  ?

- **A** 1
- **R** 3
- **C** 3
- **D** 2

Answer: D

#### **Question 75**

On selling 36 mobiles, a mobile vendor got a loss equivalent to the selling price of four mobiles. The loss percent is:

- **A** 10%
- **B** 12.50%
- **C** 8.50%
- **D** 8.0%

Answer: A

## **General knowledge**

#### Instructions

For the following questions answer them individually

#### **Question 76**

Green revolution is related to \_\_\_\_\_\_

- A Production of coffee
- **B** Production of milk
- C Production of wheat
- Production of barley

Answer: C

#### **Question 77**

How many members were there in the drafting committee of Indian Constitution?

- **A** 5
- **B** 7
- **C** 3
- **D** 10

Answer: B

#### **Question 78**

When was the Central Rural Sanitation Programme launched?

- **A** 1982
- **B** 1990
- C 1975
- **D** 1986

Answer: D

Who was the first to experimentally determine the value of the Universal Gravitational Constant (G)?

- A Henry Cavendish
- **B** Isaac Newton
- C Laurent Freidel
- **D** Johannes Kepler

Answer: A

#### **Question 80**

Bhavisha Singh is associated to which of the following sport?

- **A** Karate
- **B** Badminton
- **C** Table Tennis
- D Volley ball

Answer: A

#### **Question 81**

Which of the following is NOT an unsaturated carbon compound?

- **A** Acetylene
- **B** Pentene
- **C** Butane
- **D** Benzene

Answer: C

#### **Question 82**

Former President Pranab Mukherjee won the first Lok Sabha Election in the year \_\_\_\_\_.

- **A** 1980
- **B** 1991
- **C** 2004
- **D** 1998

Answer: C

#### Which of the following countries is known as country of wind?

- **A** Portugal
- **B** China
- **C** France
- **D** Denmark

Answer: D

#### **Question 84**

#### Who is writer of the book 'Anandmath'?

- A Dadabhai Naoroji
- **B** Atal Bihari Bajpayee
- C Bankim Chandra Chattopadhyay
- **D** Annie Besant

Answer: C

#### **Question 85**

#### Which of the following Trophy/cup is associated with the game 'Bridge'?

- A Holkar Trophy
- **B** Amit Diwan Trophy
- C Thomas Cup
- D Jai Laxmi Cup

Answer: A

#### **Question 86**

Khadar is

- A Old alluvial oil
- **B** New alluvial soil
- C A crop
- **D** Type of laterite soil

Answer: B

#### **Question 87**

Who attacked Somnath Temple of Gujarat?

- A Jalal-ud-din Khalji
- **B** Ibrahim Lodi
- C Ahmad Shah Durrani
- D Mahmud of Ghazni

Answer: D

#### **Question 88**

As of June 2019 who is the CEO of Nokia?

- A Sanjay Mehrotra
- **B** Satya Nadela
- C Rajeev Suri
- **D** Francisco D' Souza

Answer: C

#### **Question 89**

The Ramsar Convention is the intergovernmental treaty that provides the framework for the conservation of \_\_\_\_\_

- **A** Tiger
- **B** Traditional seeds
- C Tribal Language
- D Wetlands

Answer: D

#### **Question 90**

Which of the following s a traditional theatre form of Haryana?

- A Swang
- **B** Tarnasha
- **C** Dashavatar
- D Nautanki

Answer: C

#### **Question 91**

"Garha Katanga" was the kingdom of which of the following tribe?

A Baiga

- Kolis
- Gond
- Bhil

Answer: C

#### **Question 92**

Minjar Mela is a popular fair of which of the following states?

- Uttarakhand
- Jammu & Kashmir
- Himachal Pradesh
- Punjab

Answer: C

#### **Question 93**

Which micronutrient is supplied by soil to plant?

- Phosphorus
- calicium
- Zinc
- Nitrogen

Answer: C

#### **Question 94**

As of June 2019, who is the present Defence Minister of India?

- Arjun Munda
- Smt. Nirmala Sitharam n
- Rajnath Singh
- Amit Shah

Answer: C

#### **Question 95**

"Bhagirathi" is a headstream of which of the following river?

- Indus
- Narmada

- **c** Brahmaputra
- **D** Ganga

Answer: D

#### **Question 96**

Which of the following is NOT a Nationalized bank?

- A Allahabad Bank
- **B** Bandhan Bank
- C Punjab National Bank
- **D** Dena Bank

Answer: B

#### **Question 97**

Which part of the Indian Constitution contains the provisions on the Union Territories?

- A Part VIII
- B Part VII
- C Part IX
- D Part IXB

Answer: A

#### **Question 98**

"Bhuta Song" belongs to which of the ollowing Indian State?

- A Tamil Nadu
- **B** Uttar Pradesh
- **C** Bihar
- **D** Kerala

Answer D

#### **Question 99**

Daojali Hading, the neolithic site is located in \_\_\_\_\_.

- **A** Meghalaya
- **B** Assam
- C Jammu and Kashmir
- **D** Karnataka

Answer: B

#### **Question 100**

#### What is the full form of MOU?

- **A** Monetary of Union Territory
- **B** Memorandum of Understanding
- C Memory of Undertaking
- **D** Memory of Understanding

Answer: B





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