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SSC MTS Exam

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Simplifying
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English

Question 1

Select the most appropriate word to fill in the blank and make a meaningful sentence.
Raman exercises daily because he is preparing for a_____ in the armed forces.

A occupancy

B carrier

C postage

D career

Answer: D

Question 2

Select the correctly spelt word.

A Tution

B Tuition

C Tiution

D Tuetion

Answer: B

Question 3

Select the most appropriate antonym of the given word.
DETER

A Generalise

B Dissuade

C Occupy

D Incite

Answer: D

Question 4

Select the most appropriate meaning of the given idiom.
To take the bull by its horns

A To deal with a difficult situation directly

B To accept defeat before a strong adversary

C To invest money in an inflationary market

D   To go on a hunting expedition

   Answer: A

Question 5

Select the correctly spelt word.

A Engineer

B Ingineer

C Injineer

D   Enginere

   Answer: A

Question 6

Select the most appropriate antonym of the given word.
SYMPATHY

A   Tragedy

B   Warmth

C Cruelty

 D Enthusiasm

   Answer: C

Question 7

Select the most appropriate word for the given group of words.
An act of murdering one's brother

A Fratricide

B   Regicide

C Genocide

D Patricide

   Answer: A

Instructions

Select the most appropriate option to substitute the underlined segment. If there is no need to substitute it, select No improvement.

Question 8

The lack of green spaces has led to <u>an increase</u> in pollution levels.

A   an increasing in

B No improvement

C a increase on

D a increase of

   Answer: B

Question 9

I would have definitely helped you if you had told me <u>why you did need the money.</u>

A why did you need the money

B why you needed the money

C why you needs the money

D No improvement

   Answer: B

Instructions
For the following questions answer them individually

Question 10

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
Jamuna found an old necklace and_____ gold bangles in the cupboard.

A an pair of

B pair of

C a pair of

D a pairs of

   Answer: C

Question 11

Select the most appropriate word to fill in the blank and make a meaningful sentence.
The student_____ for a refund of fees.

A said

B wanted

C requested

D ordered

   Answer: C

Question 12

Select the most appropriate synonym of the given word.
<u>ANXIOUS</u>

A Elegant

B Determined

C Nervous

D Bored

Answer: C

Question 13

Identify the segment in the sentence which contains the grammatical error.
I was reading the newspaper when I heard the sound of bullets been fired.

A when I heard

B the sound of bullets

C been fired

D I was reading the newspaper

Answer: C

Question 14

Select the most appropriate option to substitute the underlined segment. If there is no need to substitute it, select No improvement.
If you do not vote, you do not have the right to protest.

A right in protest

B right on protest

C right for protest

D No improvement

Answer: D

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:

Laura threw herself (1)_____the bed and sobbed bitterly (2)_____in her life had she been subjected to (3)_____ an outrage, never had she been so deeply (4)_____. She was suspected (5)_____stealing.

Question 15

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

A to

B on

C in

D at

Answer: B

Question 16

Select the most appropriate option to fill in blank No.2.

A Before

B Never

C Always

D After

Answer: B

Question 17

Select the most appropriate option to fill in blank No.3

A as

B like

C such

D so

Answer: C

Question 18

Select the most appropriate option to fill in blank No.4.

A excited

B engaged

C insulted

D happy

Answer: C

Question 19

Select the most appropriate option to fill in blank No.5.

A on

B of

C in

D to

Answer: B

Instructions

For the following questions answer them individually

Question 20

Select the most appropriate synonym of the given word.

CONTROL

A Reduce

B Relieve

C Resign

D Regulate

Answer: D

Question 21

Select the most appropriate word for the given group of words.

The lack of government control or rule of law

A Monarchy

B Autocracy

C Anarchy

D Dictatorship

Answer: C

Question 22

Identify the segment in the sentence which contains the grammatical error.

Radha woke up early that morning so that she should watch the beautiful sunrise.

A so that she should watch

B Radha woke up

C early that morning

D the beautiful sunrise

Answer: A

Question 23

Identify the segment in the sentence which contains the grammatical error.

Harish is spending two hours every morning reading newspapers in different languages.

A two hours every morning

B in different languages

C reading newspapers

D Harish is spending

    Answer: D

Question 24

Select the most appropriate meaning of the given idiom.

Come rain or shine

A under any circumstances

B in favourable conditions

C in difficult situations

D during bad weather

    Answer: A

Question 25

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.

Nowadays, many home buyers_____ interest in digital homes.

A shows

B showed

C had shown

D are showing

    Answer: D

Reasoning

Instructions

For the following questions answer them individually

Question 26

Select the option that is related to the third term in the same way as the second term is related to the first term.
125 : 27 :: 216 :?

A 342

B 8

C 64

D 100

    Answer: C

Question 27

In a certain code language, 'STAY' is written as 'WXEC'. What will be the code for 'PERK in that code language?

A TIVO

B SJWO

C SJWP

D TJVO

   Answer: A

Question 28

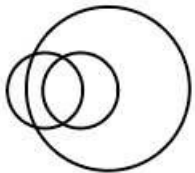Select the correct option that will complete the series.

18, 12, 5, -3, -12, _____

A -22

B -23

C -19

D -21

   Answer: A

Question 29

The Venn diagram given in the question represents the relationship between the items given in which of the following options?

A fathers, men, teachers

B cows, buffaloes, cattle

C solids, liquids, gases

D yellow, red, colours

   Answer: A

Question 30

Select the correct option that will complete the series.
108, 162, 243, _____

A 362

B 352

C 325.5
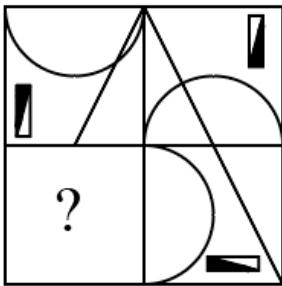
D 364.5

Answer: D

Question 31

Select the option that is related to the third word in the same way as the second word is related to the first word.
Bangladesh : Taka :: Greece : ?

A Euro

B Yuan

C Dinar

D Pound

Answer: A

Question 32

Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

A

B

C

D

Answer: A

Question 33

Select the option that is related to the third term in the same way as the second term is related to the first term.
KP : OT :: TH : ?

A ZM

B WF

C YM

D XL

   Answer: D

Question 34

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements :
I. Some chairs are doors.
II. All doors are tables.
Conclusion I : Some chairs are tables.
Conclusion II : No doors are chairs.
Conclusion III : Some tables are doors.

A All conclusions I, II and III follows.

B Only conclusion I and II follows.

C Only conclusion I and III follows.

D Only conclusion II follows.

   Answer: C

Question 35

In a certain code language, 'HANKER' is written as 'KXQHHO'. What will be the code for 'JINGLE' in that code language?

A MFRDOC

B NERCPC

C MFQDOB

D NERDOB

   Answer: C

Question 36

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All cakes are rocks.

All rocks are dams.

Conclusion:

I : Some dams are cakes.

II : All rocks are cakes.

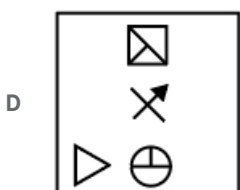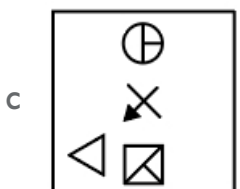A   Neither conclusion I nor II follows
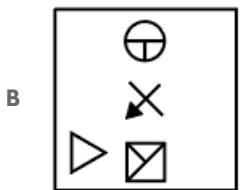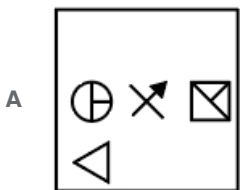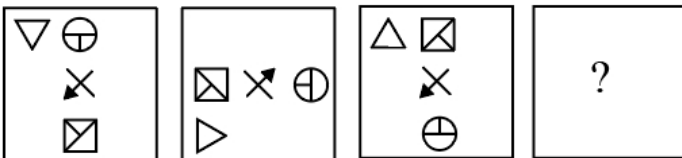
B   Only conclusion II follows

C   Both conclusions I and II follow

D   Only conclusion I follows

   Answer: D

Question 37

Which of the following answer figure completes the series of the question figure?

   Answer: A

Question 38

In a certain code language, 'AEBI' is written as '2618'. What will be the code for 'DFCH' in that code language?

A   5727

B   3527

C   5749

D   5635

Answer: A

Question 39

Jassi, Akash, Garima, Nitin, Vaishali and Kailash are sitting around a round table facing the centre. Kailash is to the left of Garima, who is opposite Akash, Vaishali is between Akash and Jassi. Who is to the left of Nitin?
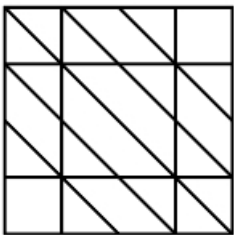
A   Vaishali

B   Garima

C   Akash

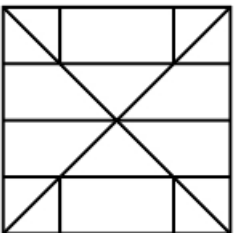D   Kailash

Answer: C

Question 40

Select the option in which the given figure is embedded. (Rotation is not allowed)
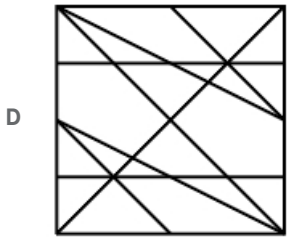

A

B

C

D
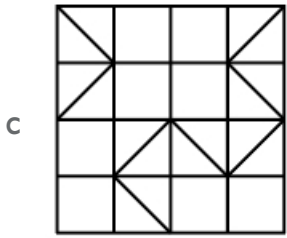
Answer: A

Question 41

If a mirror is placed on the line **XY**, then which of the answer figures will be the right mirror image of the given figure?

A

B

C

D
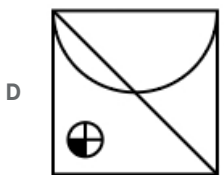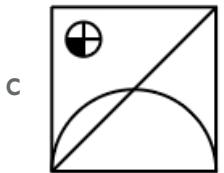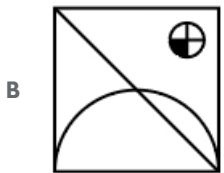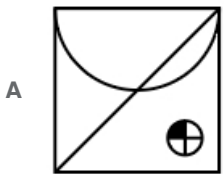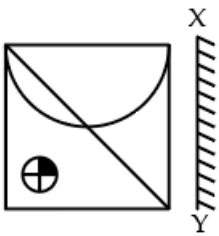
Answer: A

Question 42

Which two signs need to be interchanged to make the given equation correct?

$6 \div 3 + 12 \times 4 - 9 = 12$

A $-, \times$

B $\div, \times$

C $-, +$

D $+, \div$

   Answer: B

Question 43

Which two numbers need to be interchanged to make the given equation correct?

$12 \div 3 - 6 + 4 \times 96 = 74$

A 6, 4

B 12, 96

C 3, 6

D 6, 96

   Answer: B

Question 44

Select the term that will come next in the following series.

MJG, QNK, URO, _____

A YUR

B WUS

C YVS

D ZWT

   Answer: D

Question 45

Find the missing number from the below options.

86	49	74
105	75	60
93	64	?

A 29

B 58

C 50

D 72

    Answer: B

Question 46

Four students are sitting on a bench in a classroom facing North. Sarita is sitting to the left of Raman. Manish is sitting to the right side of Raman. Rakesh is sitting between Raman and Manish. Who is sitting in the second position from the left hand side in the bench?

A Manish

B Sarita

C Rakesh

D Raman

    Answer: D

Question 47

Five girls Ashi, Binita, Laila, Diksha, Isha read a magazine. The one who reads first gives it to Laila. The one who reads last had taken from Ashi. Isha was not the first or last to read. There were two readers between Binita and Ashi. Who read the magazine first?

A Binita

B Laila

C Diksha

D Isha

    Answer: A

Question 48

In a certain code language, ' 231' is written as ' 4-9-1'. What will be the code for ' 569' in that code language?

A 7-9-1

B 25-36-81

C 25-36-64

D 20-30-45

    Answer: B

Question 49

Select the option that is related to the third term in the same way as the second term is related to the first term.
Famous : Noted :: Anger : ?

A Sad

B Happy

C Cool

D Anger

   Answer: D

 Question 50

Apiece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.

A

B

C

D
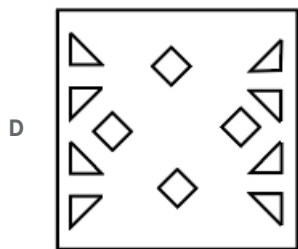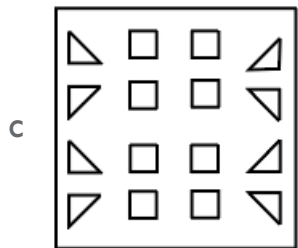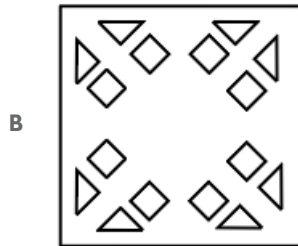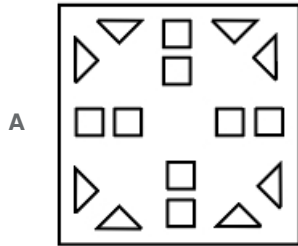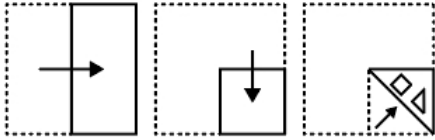
   Answer: B

Quant

Instructions

For the following questions answer them individually

Question 51

By selling an article for ₹300, a person incurred a loss of 6.25%. What is his profit, if it is sold for ₹352?

A   ₹38

B   ₹42

C   ₹32

D   ₹28

    Answer: C

Question 52

The ratio of spirit and water in solutions in vessels A and B are 3 : 4 and 5: 9, respectively. The contents of A and B are mixed in the ratio 2 : 3. What is the ratio of water and spirit in the resulting solution?

A   43 : 27

B   39 : 16

C   8 : 13

D   1 : 3

    Answer: A

Question 53

When 6892, 7105 and 7531 are divided by the greatest number x, then the remainder in each case is y. What is the value of (x - y)?

A   123

B   137

C   147

D   113

    Answer: B

Question 54

The given Pie Chart (angles are not as per any chosen scale) presents the marks scored by Amit in five subjects. Maximum marks in each subject = 100.

Total score of Amit = 450.
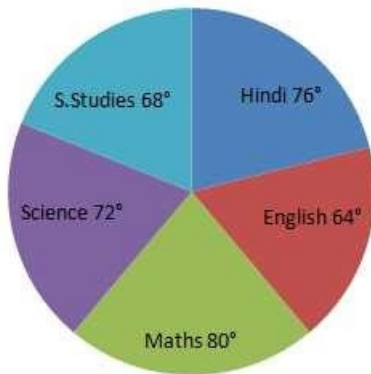
What is the difference between the marks scored by Amit in Hindi and Maths?

A 5

B 10

C 8

D 4

   Answer: A

Question 55

Five years ago, the ratio of the ages of A and B was 3 4. Five years from now, the ratio of their ages will be 4 : 5. What is the ratio of A and B, 10 years from now?

A 9:11

B 6:7

C 5:6

D 7:9

   Answer: A

Question 56

A sum of ₹9000 amounts to ₹13356 at a certain rate percent per annum in $4\frac{2}{5}$ years at simple interest. What will be the simple interest on the same sum at double the rate for $2\frac{1}{3}$ years.

A ₹4640

B ₹4760

C ₹4260

D ₹4620

   Answer: D

Question 57

A shopkeeper allows 10% discount on the marked price of an article and still gains 17%. If he gives 15% discount on the marked price, then his profit percent is:

A 12

B 10.5

C 12.5

D 10

    Answer: B

Question 58

The height of a cone is equal to its base radius and its volume is $72\pi cm^3$. What is its curved surface area in cm^2?

A $72\sqrt{2}\,\pi$

B $36\sqrt{2}\,\pi$

C $48\sqrt{2}\,\pi$

D $54\sqrt{2}\,\pi$

    Answer: B

Question 59

By selling 30 articles, a shopkeeper gains the selling price of 9 articles. His gain percent is:

A 30

B 39

C $42\frac{6}{7}$

D $40\frac{3}{7}$

    Answer: C

Question 60

Aire, in the form of a circle, encloses an area 3118.5 cm^{2}. It is now bent to form a rectangle whose length and breadth are very nearly in the ratio 7 : 4. The length of the rectangle, in cm, is:(Take $\pi = \frac{22}{7}$)
LATEX

A 56

B 49

C 70

D 63

    Answer: D

Question 61

The value of

$$1\tfrac{2}{3} \div \left\{ \tfrac{3}{7} \text{ of } \tfrac{14}{5} \times 1\tfrac{2}{3} - \left(3\tfrac{1}{2} - 2\tfrac{1}{6}\right)\right\} + \tfrac{1}{2} \div \tfrac{3}{2} \text{ of } 2\tfrac{1}{2} \text{ is:}$$

A $3\tfrac{1}{6}$

B $2\tfrac{1}{2}$

C 1

D $1\tfrac{2}{3}$

  Answer: A

Question 62

The heights (in cm) of students in a group are given below:

Height	No.of Students
155	9
153	3
154	10
150	7
156	6
151	12
152	3

What is the median height of students?

A 154.5 cm

B 153.5 cm

C 154 cm

D 153 cm

  Answer: B

Question 63

The number of students in classes A and B are 60 and 70, respectively. The average score in mathematics of students in B is 57 and that of all students in A and B is 63. What is the averagescore of students in A?

A 69

B 70

C 68

D 71

  Answer: B

Question 64

A copper wire of radius 0.5 mm and length $42\frac{2}{3}$ m is melted and converted into a sphere of radius R cm. What is the value of R?

A 3

B 2

C 1.5

D 1.8

Answer: B

Question 65

What is the compound interest on the sum of ₹15625 for 2 years at the rate of 2% per annum, if the interest is 8 months is composed?

A ₹3075

B ₹4058

C ₹3675

D ₹4088

Answer: B

Question 66

The given Pie Chart (angles are not as per any chosen scale) presents the marks scored by Amit in five subjects.
Maximum marks in each subject = 100.
Total score of Amit = 450.
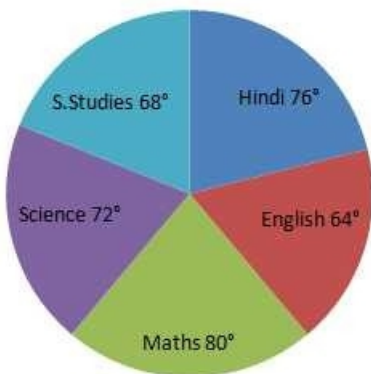
In how many subjects, did Amit score more than his average score?

A 2

B 3

C 1

D 4

Answer: A

Question 67

A and B started from X and Y respectively at the same time in the opposite directions. After meeting, A took 2.7 hours to reach Y and B took 1.2 hours to reach X. If the speed of B is 48 km/h, what is the speed of A(in km/h)?

A   32

B   36

C   40

D   30

   Answer: A

Question 68

36 men and 48 women can do a certain work in one day whereas 6 men and 12 women can do it in 5 days. The number of women required to do the same work in 8 days is:

A   10

B   15

C   18

D   12

   Answer: B

Question 69

There are three positive numbers. If the average of any two of them is added to the third number, the sums obtained are 68, 74 and 98. What is the average of the smallest and the greatest of the given numbers?

A   46

B   48

C   47

D   52

   Answer: A

Question 70

The value of

$72 \div 6 \; of \; 12 + 4 \times (5 - 3) \; of \; 2 \div 4 - 2$ **is:**

A   5

B   4

C   0

D 3

   Answer: D

 Explanation:

$$6\times \frac{72}{12} + \frac{4\times (5-3)\times 2}{4} - 2$$

$$1 + 4 - 2$$

$$3$$

Question 71

x is the 4th proportional to 12, 16 and 5; and 20, y, 15,21 are in proportion. Then the value of (6x - y) is:

A 9

B 18

C 13

D 12

   Answer: D

Question 72

A is 25% more than B while B is 20% less than C and C is 10% more than D. Which of the following is not true?

A B is 22% less than A

B A is 10% more than D

C B is 12% less than D
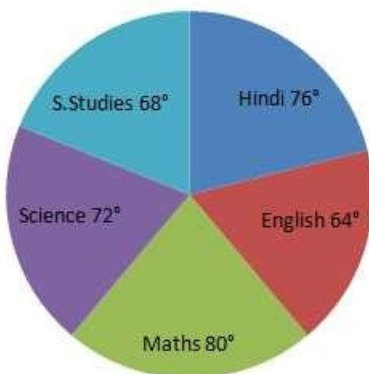
D A = C

   Answer: A

Question 73

The given Pie Chart (angles are not as per any chosen scale) presents the marks scored by Amit in five subjects.
Maximum marks in each subject = 100.
Total score of Amit = 450.

The total marks scored by Amit in English and S. Studies is what percent (correct to one decimal place) more than the marks scored by him in Maths?

A 65

B 77.8

C 72.4

D 68.3

    Answer: A

Question 74

A can complete one-third of a work in 5 days and B can do $\frac{2}{5}$ th of the same work in 10 days. They work together for 6 days. The remaining work is completed by C in 18 days. C alone will do the same work in:

A 50days

B 30days

C 25days

D 45days

    Answer: A

Question 75

The speed of a boat in still water is 15 km/h. The speed of the current is 3 km/h. In how much time(in hours) will the boat travel a distance of 54 km upstream and the same distance downstream?

A $7\frac{1}{2}$

B 7

C 6

D $6\frac{1}{2}$

    Answer: A

General knowledge

Instructions

For the following questions answer them individually

Question 76

Piece of land surrounded by water on 3 sides is known as _____

A Strait

B Lagoon

C Peninsula

D Bay

    Answer: C

Question 77

Which of the following is a block mountain?

A   Purvanchals

B   Satpura

C   Himalayas

D   Mahabharat range

   Answer: B

Question 78

In which of the following states is the famous Vaishno Devi Shrine located?

A   Jammu & Kashmir

B   Uttar Pradesh

C   Himachal Pradesh

D   Madhya Pradesh

   Answer: A

Question 79

Who among the following won the 2018 Nobel Prize in Economics?

A   Amartya Sen

B   Raghuram Rajan

C   Franis Arnold and Jorge Smit

D   William Nordhaus and Paul Roemer

   Answer: D

Question 80

Who among the following has been awarded the Martha Farrell Award 2019 for women empowerment in March 2019?

A Yougan Tamang

B   Reena Ramteke

C Manu Gulati

D Nadiya Shafi

   Answer: C

Question 81

In which of the following order were the Satyagraha movements organised by Mahatma Gandhi?

A Dandi March, Rowlatt, Champaran, Kheda

B Dandi march, Champaran, Rowlatt, Kheda

C Champaran, Kheda, Rowlatt, Dandi March

D Champaran, Kheda, Dandi March, Rowlatt

Answer: C

Question 82

Digestion of food begins in which part of alimentary canal in human beings?

A Stomach

B Small intestine

C Large intestine

D Mouth

Answer: D

Question 83

What percent of solar energy is absorbed by terrestrial ecosystem?

A 1.2%

B 0.1%

C 0.5%

D 1%

Answer: D

Question 84

What is the mode of transmission of disease 'Yellow vein mosaic of bhindi (okra)'?

A Insect

B Seeds

C Water

D Air

Answer: A

Question 85

In which form of government, rulers are directly elected by the people of the country?

A Democracy

B Dictatorship

C   Autocracy

D   Republic

    Answer: A

Question 86

Tropic of Cancer does NOT pass through which of the following Indian state?

A   Mizoram

B   Gujarat

C   Tripura

D   Maharashtra

    Answer: D

Question 87

The book 'Timeless Laxma' is based on life of which of the following person?

A   O.P. Laxman

B   R.K. Narayan

C   V.V.S. Laxman

D R.K. Laxman

    Answer: D

Question 88

Which central agency regulates and monitors housing sector in India?

A   RERA

B   RBI

C   LIC

D   SEBI

    Answer: A

Question 89

Who was the founder of Hyderabad state?

A   Nizam-ul-Mulk Asaf Jah

B   Sa'adat Khan

C   Tipu Sultan

D Murshid Quli Khan

    Answer: A

Question 90

Who is the Supreme Commander of the defence forces of India?

A President

B Chief of Defence

C Prime Minister

D Defence Minister

    Answer: A

Question 91

Which of the following organisms reproduce by Spore Formation?

A Bryophyllum

B Planara

C Rhizopus

D Plasmodium

    Answer: C

Question 92

All the festivals listed below are festivals of Assam. Of these, which of the following festivals is specifically hosted in the Kamakhya Devi temple in Guwahati?

A Ambubachi Festival

B Bihu Festival

C Baishagu Festival

D Majuli Festival

    Answer: A

Question 93

National Emblem of India is taken from Mauryan Pillar located at _____

A Sarnath

B Amravati

C Delhi

D Meerut

    Answer: A

Question 94

Which country did India beat in the quarter finals of the 2011 Cricket World Cup?

A   England

B   Australia

C   SriLanka

D   Pakistan

Answer: B

Question 95

The fund into which the proceeds from disinvestment of Central Public Sector Enterprises are channelised is known as_____ _.

A   National Fund

B   National Infrastructure Fund

C   National Investment Fund

D   National Rural and Urban Fund

Answer: C

Question 96

Magnetic Field inside a solenoid is _____

A   increases from one end to another

B   zero at the middle

C   varies from point to point

D   uniform

Answer: D

Question 97

Which act made the British government suppress political activities and up to 2 hours without any trial Allowed to detain political prisoners?

A   Rowlatt Act

B   Ilbert Bill

C   Arms Act

D   Vernacular Act

Answer: A

Question 98

The Minimum Support Price (MSP) protects farmers against which of the following?

A   Loss of crops due to unexpected diseases or pest infections

B   High rate of interest by local currency lenders

C   Extreme drought, flood or other hazardous casualties

D   Extreme drop in price during bumper production

   Answer: D

Question 99

In which of the following countries, Presidential System of Government does not exist?

A   USA

B   Russia

C   Turkey

D   India

   Answer: D

Question 100

International Kabaddi Federation was founded in which year?

A   2015

B   2004

C   1950

D   2010

   Answer: B

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