Solved SSC GD 14 Feb 2019 Shift 1

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Reasoning

Instructions

For the following questions answer them individually

Question 1

J, K, L, M, N and O are six teachers. Each one teaches a different subject out of Hindi, English, Math, Science, Social Science and Arts, not necessarily in the same order. Each of them teaches on only one day, from Monday to Saturday, not necessarily in the same order. J teaches Arts on Saturday. L teaches neither English nor Social Science, but he teaches on Thursday. Wednesday is reserved for Maths taught by K. O teaches Science a day before N. Social Science is taught a day before Arts. Which subject is taught on the day between Science and Math?

A Hindi

B Arts

C Science

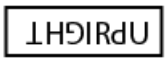
D English

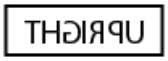
Answer: D

Question 2

Choose the option that most closely resembles the mirror image of the given word when the mirror is placed at the right side.

UPRIGHT

A 

B 

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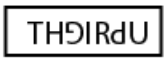
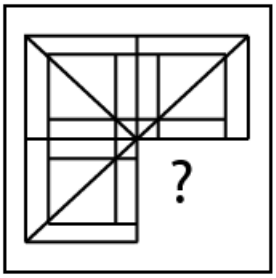
D 

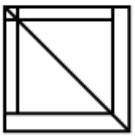
Answer: B

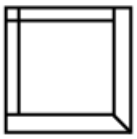
Question 3

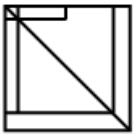
Select a figure from amongst the four alternatives that when placed in the blank space (?) of figure X will complete the pattern. (Rotation is not allowed).

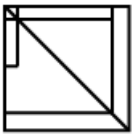


X

A 

B 

C 

D 

Answer: A

Question 4

Select the option that is related to the third term in the same wayas the second term is related to the first term.
Chapter : Book :: Arc : ?

A Cube

B Triangle

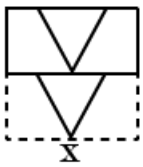
C Square

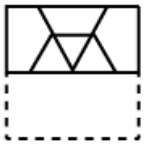
D Circle

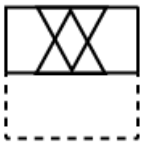
Answer: D

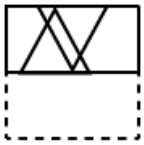
Question 5

A square transparent sheet with a pattern is given. How will the pattern appear when the transparent sheet is folded along the dotted line?





B 

C 

D

Answer: B

Question 6

Select the option that will correctly replace the question mark (?) in the series.
16, 20, 36, 72, ?

A 126

B 116

C 136

D 146

Answer: C

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Question 7

Eight friends A, B, C, D, E, F, G and H are sitting arounda circular table facing each other for a lunch. A is opposite F and third to the right of B. G is between F and D.H isto theleft of D. E is between C and A. Whois sitting fourth to the left of A?

A D

B B

C F

D C

Answer: C

Question 8

Select the option that is related to the third term in the same wayas the second term is related to the first term.
Proud : Haughty : Fallacy : ?

A Ego

B War

C Fall

D Illusion

Answer: D

Question 9

Select the option thatis related to the third number in the same way as the second number is related to the first number.
32 : 256 :: 16 : ?

A 128

B 122

C 144

D 66

Answer: A

Question 10

Choose the odd one out of the given options.

A Ottawa

B Thimphu

C Beijing

D Chile

Answer: D

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Question 11

In a certain code, BICYCLE is written as 59. How will WINDOW be written in that code?

A 88

B 91

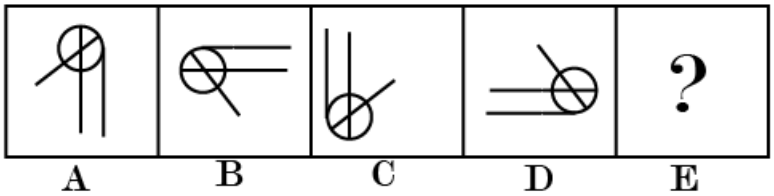
C 89

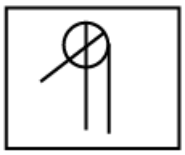
D 77

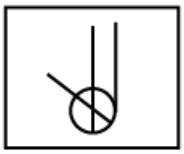
Answer: A

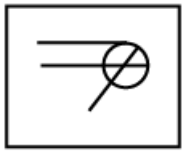
Question 12

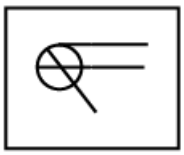
Choose the option that would follow next in the given figure series.



A 

B 

C 

D 

Answer: A

Question 13

Select the option that will correctly replace the question mark (?) in the series.
8, 19, 41, 74, ?

A 108

B 98

C 118

D 128

Answer: C

Question 14

Choose the odd one out of the given options.

A ILP

B JHU

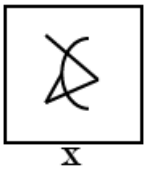
C FJU

D THI

Answer: B

Question 15

Choose the option in which the figure marked 'X' is embedded. (Rotation is not allowed)



A

B

C

D

Answer: C

Question 16

Choose the odd number out of the given options.

A 651

B 571

C 561

D 471

Answer: B

Question 17

In a certain code, BOTANY is written as OBATYN. How will OOLOGY be written in that code?

A OOOLGY

B OLOOYG

C OOLOYG

D OOOLYG

Answer: D

Question 18

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statements:
1) Some forces are volumes.
2) Some currents are volumes.
Conclusion:
I. Some volumes are forces.
II. Some volumes are currents.

A Only conclusion II follows.

B Neither conclusion I nor conclusion II follows.

C Both conclusions follow.

D Only conclusion I follows.

Answer: C

Question 19

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statements:
1) Some wines are chairs.
2) All chairs are drums.
Conclusion
I. All chairs are wines.
II. Some drums are wines.

A Either conclusion I or conclusion II follows.

B Only conclusion I follows.

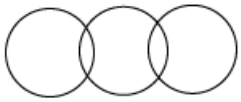
C Only conclusion II follows.

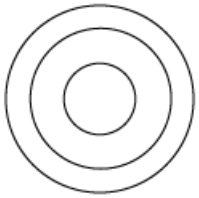
D Both conclusions follow.

Answer: C

Question 20

Select the Venn diagram that best represents the given set of classes.
Currencies, Yuan, Baht

A 

B 

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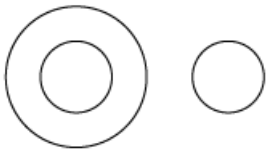
D 

Answer: C

Question 21

Seven friends O, P, Q, R, S, T and U are watching a moviesitting in a row.S is sitting at one extreme end. Q is sitting second to the right ofS.P is sitting between O and Q.U is notsitting at any extreme end. is sitting to the left of T. Who is sitting between S and Q?

A U

B R

C O

D P

Answer: A

Question 22

Select the option that will correctly replace the question mark (?) in theseries.
RMB, POZ, NQX, LSV, ?

A JUT

B JVT

C JUS

D JVS

Answer: A

Question 23

Find out the two signs to be interchanged to make the following equation correct.
$21 + 5 \times 2 - 21 \div 3 = 12$

A $+ and -$

B $-\ and \div$

C $-\ and \times$

D $\times\ and \div$

Answer: C

Question 24

Select the option that will correctly replace the question mark (?) in the given pattern.

6	7	9
3	4	?
27	33	65

A 4

B 5

C 11

D 13

Answer: A

Question 25

Select the option that is related to the third term in the same way as the secondterm isrelated to thefirst term.
GKM : FIO: : EIK : ?

A DGN

B DFM

C DGM

D DHM

Answer: C

Instructions
For the following questions answer them individually

Question 26

Ashoka appointed religious officials, known as:

A Dhamma-mahamatta

B Dhammadhiraja

C Dhammadhikari

D Dhammadhyaksha

Answer: A

Question 27

Bank rate is decided by which of the following agencies?

A Securities and Exchange Board of India

B Reserve Bank of India

C State Bank of India

D Ministry of Finance

Answer: B

Question 28

The cabinet has raised the Minimum Support Price of wheat for 2018-19 by:

A ₹ 105 per quintal

B ₹ 202 per quintal

C ₹ 309 per quintal

D ₹ 600 per quintal

Answer: A

Question 29

In which year was the Earth summit of Rio de Janeiro held?

A 1991

B 1993

C 1992

D 1990

Answer: C

Question 30

Pandit Bhimsen Joshi is associated with which tradition of classical music?

A Qawwali

B Thumri

C Carnatic

D Hindustani

Answer: D

Question 31

Muscle cramp is caused by:

A water loss during sweating

B fatiguing muscles respiring aerobically

C increased blood circulation

D accumulation of lactic acid

Answer: D

Question 32

Which of the following languages is NOT a part of the Eighth Schedule of the Constitution?

A Dogri

B Bodo

C Persian

D Santhal

Answer: C

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Question 33

Which of the following is NOT in the jurisdiction of the Supreme Court of India?

A Appellate

B Original

C Advisory

D Financial

Answer: D

Question 34

The percolation rate of water is the least in ..... soil.

A clayey

B sandy

C gravel

D loamy

Answer: A

Question 35

The Jnanpith Award is given for excellence in which of the following fields?

A Medicine

B Social work

C Literature

D Cinema

Answer: C

Question 36

The 2018 Commonwealth Games were held in:

A Gold Coast

B London

C Doha

D Brazil

Answer: A

Question 37

Which one of the following countries is NOT a member of the BASIC grouping?

A South Africa

B China

C Brazil

D Kenya

Answer: D

Question 38

The 86th Constitution Amendment Act, 2002 inserted which of the following articles in the Constitution of India?

A 21-A

B 39-A

C 20-A

D 56-C

Answer: A

Question 39

Which of the following heritage sites shows the Dravidian style of architecture?

A Konark

B Bodh Gaya

C Akshardham

D Hampi

Answer: D

Question 40

..... was the founder of the Shuddhi Movement.

A Swami Dayanand Saraswati

B Swami Vivekananda

C Ishwar Chandra Vidyasagar

D Raja Ram Mohan Roy

Answer: A

Question 41

Which among the following CANNOT be used as indicators?

A China Rose

B Phenolphthalein

C Common salt

D Turmeric

Answer: C

Question 42

The Nagarjuna Sagar Dam is built across the river:

A Pamba

B Mahanadi

C Krishna

D Cauvery

Answer: C

Question 43

The Jataka tales are associated with which of the following sects?

A Lingayat

B Shaivism

C Jainism

D Buddhism

Answer: D

Question 44

Mirabai Chanu won a Gold medal at which of the following events held in Anaheim, United States?

A World Snooker Championships

B World Archery Championships

C World Weightlifting Championships

D World Tennis Championships

Answer: C

Question 45

..... refers to a deposit into a bank accountor a financial institution with no specified maturity date.

A demand deposit

B fixed deposit

C recurring deposit

D current deposit

Answer: D

Question 46

The 'Gol Gumbaz' is located in:

A Bijapur

B Bidar

C Daulatabad

D Hyderabad

Answer: A

Question 47

According to Census 2011, ... has the highestliteracy rate.

A Mizoram

B Goa

C Kerala

D Karnataka

Answer: C

Question 48

'Adopt a Heritage: Apni Dharohar, Apni Pehchaan', is the initiative of .....

A Indian Council of Historical Research

B Ministry of Tourism

C Archaeological Survey of India

D Ministry of Culture

Answer: B

Question 49

Land and sea breeze are caused due to .....

A convection

B acclimatisation

C radiation

D conduction

Answer: A

Question 50

What is the role of mucus secreted by the stomach?

A To protect the lining of the stomach

B To digest fats

C To kill the germs in the food

D To digest the proteins

Answer: A

Quant

Instructions
For the following questions answer them individually

Question 51

P, Q and R can complete a work in 30 days, 15 days and 20 days respectively. P works on first day, then Q works on second day and then R works on third day and so on. In how many days the work will be completed?

A 20 days

B 21 days

C 22 days

D 19 days

Answer: A

A 47.4%

B 45%

C 51.8%

D 54.2%

Answer: C

Question 53

What is the value of $\left(24 \div 4 - \frac{2}{3} of \frac{21}{8} \div \frac{1}{4}\right)$**?**

A -1

B $-\frac{96}{15}$

C $\frac{91}{16}$

D -8

Answer: A

Question 54

If the average of five consecutive odd numbers is 17, then what will be the highest number among them ?

A 21

B 25

C 19

D 23.5

Answer: A

Question 55

The length ofa rectangle is 24 cm.If the length of diagonal is 26 cm, then what will be the breadth of the rectangle?

A 12 cm

B 14 cm

C 15 cm

D 10 cm

Answer: D

Question 56

If selling price of an article is ₹ 432 andprofit is 35%, then what will be the cost price of the article?

A ₹480.40

B ₹320

C ₹583.20

D ₹368

Answer: B

Question 57

A train covers a certain distance at a speed of 45 m/s in 15 minutes. How much time it will take to cover the same distance at the speed of 60 m/s?

A 3.25 minutes

B 4.75 minutes

C 6.75 minutes

D 11.25 minutes

Answer: D

Question 58

What is average of 410, 475, 525, 560 and 720?

A 561

B 542

C 538

D 526

Answer: C

Question 59

The diagonal of a square is 10 cm. What will be the length of the diagonal of the square whose area is double of the area of first square?

A $10\sqrt{2}$ cm

B $8\sqrt{2}$ cm

C $20\sqrt{2}$ cm

D 20 cm

Answer: A

Question 60

Whatwill be the difference between the compoundinterest (interest is compounded annually) and simple interest on a sum of ₹ 6400 at the rate of 10% per annum for 2 years?

A ₹ 90

B ₹ 72

C ₹ 128

D ₹ 64

Answer: D

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Question 61

The radii of two circles are 20 cm and 15 cm respectively. If a third circle has an area which is equal to the sum of the areas of the two given circles, what will be the radius of the third circle?

A 35 cm

B 22 cm

C 27 cm

D 25 cm

Answer: D

Question 62

Asum of ₹ 3460 is lent at simple interest. If the rate ofinterest is 5% per annum,then whatwill be the simple interest for 5 years?

A ₹ 875

B ₹ 865

C ₹ 855

D ₹ 845

Answer: B

Question 63

What is the value of

?

A $\frac{149}{4}$

B $\frac{153}{8}$

C $\frac{149}{8}$

D $\frac{153}{16}$

Answer: B

Question 64

What will be the ratio of Highest common Factor and Least Common Multiple of two numbers 14 and 18?

A 1 : 49

B 1 : 27

C 1 : 21

D 1 : 63

Answer: D

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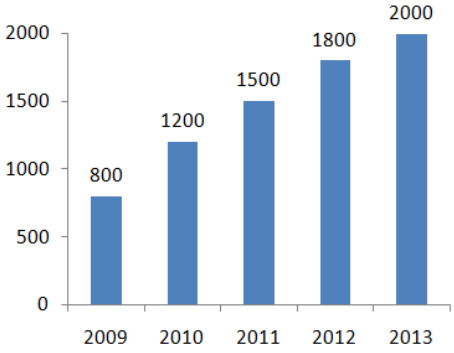
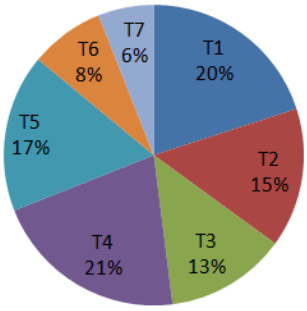
Question 65

The bar chart given below shows the annual production (in 1000 tonnes) of coffee of a country for years 2009 to 2013.



Question 66

The pie chart given below shows sale of different types of cars in a city for a given year. The total sale of cars in the city is 600000.



What is the sum of total number of cars sold of type T5, T6 and T3?

A 232000

B 228000

C 245000

D 252000

Answer: B

Question 67

If two successive discounts of 25% and 20% respectively are given, then what will be the net discount percentage?

A 42.5%

B 45%

C 50%

D 40%

Answer: D

Question 68

What is the mean of the given data?
23, 24, 25, 26, 27, 28, 29, 30, 31, 32

A 26.75

B 27.69

C 27.5

D 26.12

Answer: C

Question 69

A alone can complete a work in 10 days and B alone can complete the same work in 20 days. In how many days both 4 and B together can complete half of the total work?

A $\frac{40}{3}\ days$

B $\frac{20}{3}$

C $\frac{10}{3}\ days$

D $\frac{25}{3}\ days$

Answer: C

Question 70

P and Q starts a business with investment of ₹ 28000 and ₹ 42000 respectively. P invests for 8 months and Q invests for one year.If the total profit at the end of the year is ₹ 21125, then whatis the share of P?

A ₹ 12625

B ₹ 14625

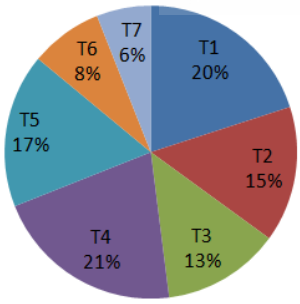
C ₹ 6500

D ₹ 8750

Answer: C

Question 71

The pie chart given below shows sale of different types of cars in a city for a given year. The total sale of cars in the city is 600000.



What is the difference in the number of cars sold of type T5 and T1?

A 21000

B 24000

C 18000

D 27000

Answer: C

Question 72

Four numbers are in the ratio of 3 : 1 : 7 : 5 respectively. If the sum of these four numbers is 336, then what is the sum of first and fourth number?

A 152

B 172

C 168

D 146

Answer: C

Question 73

A train is movingat the speed of 20 ms. If the length oftrain is 540 metres, then how much time will it take to cross a pole?

A 108 seconds

B 81 seconds

C 27 seconds

D 54 seconds

Answer: C

Question 74

The ratio of numberof children, women and men in colonyis 6 : 4 : 3 respectively and the colony has at least 200 members. What could be the minimum number of womenin the colony?

A 75

B 80

C 64

D 20

Answer: C

Question 75

A person purchasesbagsatthe rate of ₹ 128 per bag. If he sells bags on 20% profit, then what will be the selling price of 15 bags?

A ₹ 1600

B ₹ 2304

C ₹ 2194

D ₹ 1886

Answer: B

English

Instructions
For the following questions answer them individually

Question 76

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
My favourite novelist in all was Charles Dickens, who really left his mark on me.

A No improvement

B My favourite novelist of all

C My favourite novelist between all

D My favourite novelist at all

Answer: B

Question 77

From the given options, identify the segment in the sentence which contains the grammatical error.
The man greeted his secretary and told her that he need her help to complete the work immediately.

A to complete the work

B told her that

C he need her help

D greeted his secretary

Answer: C

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Question 78

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
Meeting my teacher after ten years was an unforgotten moment

Answer: D

Question 80

Select the antonym of the given word.
STINGY

A Generous

B Skinny

C Cheap

D Mean

Answer: A

Question 81

Select the most appropriate word to fill in the blank.
Let us ..... our heads together to solve the problem.

A join

B put

C bring

D combine

Answer: B

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Question 82

Select the option that means the same as the given idiom.
To see eye to eye

A To agree with another

B To love another

C To threaten another

D To fight with another

Answer: A

Question 83

Select the correctly spelt word.

A Acheive

B Achieve

C Acheeve

D Achiev

Answer: B

Question 84

Select the most appropriate optionto fill in the blank.
In the United States of America two dozen people ..... due to the present cold wave.

A have been killed

B are being killed

C has killed

D has been killed

Answer: A

Question 85

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
When you go by rail, <u>make sure taking</u> the express train that stops only at big stations.

A make sure to taking

B No improvement

C make sure to take

D making sure to take

Answer: C

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Question 86

Select the most appropriate optionto fill in the blank.
I think that childhood is a time when there are ..... ways to make life enjoyable.

A many

B less

C little

D more

Answer: A

Question 87

From the given options, identify the segment in the sentence which contains the grammatical error.
After finishing his tiring game, Rohan leaned by the wall.

A his game

B Rohan leaned

C After finishing

D by the wall

Answer: D

Question 88

Select the synonym of the given word.
IMPECCABLE

A Imperfect

B Flawless

C Smooth

D Clean

Answer: B

Question 89

Select the option that means the same as the given idiom.
To have the gift of the gab

A To be eloquent

B To be intelligent

C To be boastful

D To be gifted

Answer: A

Question 90

Select the antonym of the given word.
OPAQUE

A Turbid

B Transparent

C Fogged

D Murky

Answer: B

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given.
Passage:

Without water(1)..... animal can survive.In desert regions the greatest (2)..... to life is dying of thirst. But many creatures are able to make useof(3)..... little water that exists in arid areas. One of nature’s masterpieces (4)..... creatures equipped to (5)..... with desert life is the hardy camel.

Question 91

Select the most appropriate option that will fill in the blank number 1.

A any

B some

C every

D no

Answer: D

Question 92

Select the most appropriate option that will fill in the blank number 2.

A threat

B warning

C worry

D requirement

Answer: A

Question 93

Select the most appropriate option that will fill in the blank number 3.

A the

B that

C very

D what

Answer: A

Question 94

Select the most appropriate option that will fill in the blank number 4.

A besides

B about

C among

D between

Answer: C

Question 95

Select the most appropriate option that will fill in the blank number 5.

A cope

B resist

C adapt

D live

Answer: A

Instructions
For the following questions answer them individually

Question 96

Select the word which means the same as the group of words given.
A place where fights take place

A Arsenal

B Arena

C Asylum

D Aquarium

Answer: B

Question 97

Select the word which means the same as the group of words given.
A poem that expresses lament for the dead

A Lyric

B Ode

C Elegy

D Sonnet

Answer: C

Question 98

From the given options, identify the segment in the sentence which contains the grammatical error.
If it weren't for the old man, we haven't had anything to talk about.

A we haven't had

B anything to talk

C for the old man

D If it weren't

Answer: A

Question 99

Select the synonym of the given word.
SLENDER

A Narrow

B Wide

C Slim

D Weak

Answer: C

Question 100

Select the correctly spelt word.

A Permanant

B Permanent

C Pirmenent

D Perminent

Answer: B

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