SSC MTS Previous Year Paper (Held on: 26 July 2022 Shift 2)

SSC Multi-Tasking Staff (MTS) • 2022 • 100 questions • 90 minutes • Answer key

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Practise under exam conditions, then review your answers after you submit.

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Scan the QR code or click the link to open it.

GENERAL INTELLIGENCE & REASONING

Q1. Select the number from among the given options that can replace the question mark (?) in the following series.

864, 432, 216, 108,?

(a) 72
(b) 36
(c) 54
(d) 12

Q2. In a certain code language, 'PAR' is coded as '35' and 'GAT' is coded as '28'. How will 'FOM' be coded in that language?

(a) 33
(b) 34
(c) 35
(d) 32

Q3. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

25 : 125 :: 32 : 160 :: 73 : ?

(a) 383
(b) 195
(c) 365
(d) 173

Q4. Select the option in which the numbers are related in the same way as are the numbers of the following sets.

(36, 2, 3)(108, 6, 3)

(a) (120, 5, 5)
(b) (48, 4, 2)
(c) (102, 3, 6)
(d) (28, 4, 2)

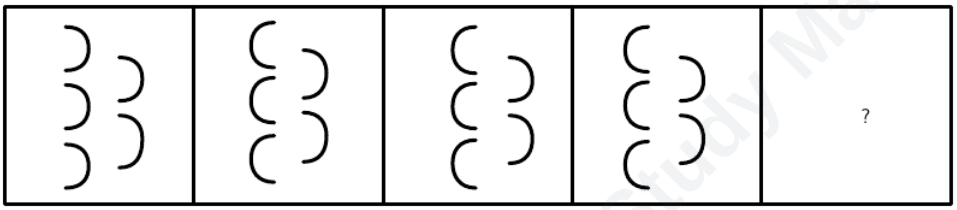
Q5. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

CET : ZBQ :: KVO : HSL :: QRS : ?

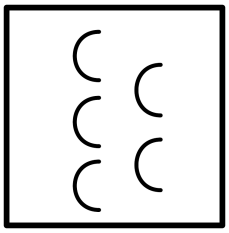
(a) NPS
(b) NOP
(c) NPO
(d) NOS

Q6. Select the figure from among the given options that can replace the question mark (?) in the following series.

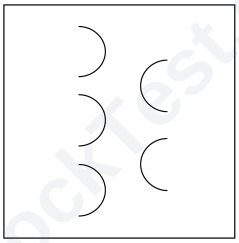
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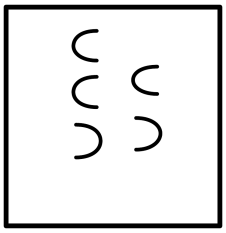
(a)



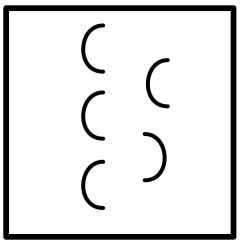
(b)



(c)



(d)



Q7. 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.

Statement I: An IT employee working in XYZ company has two children.

Statement II: No other employee in XYZ has two children.

Conclusion I: Every employee in the company has at least one child.

Conclusion II: Some of the employees have more than two children.

(a) Only conclusion II follows.

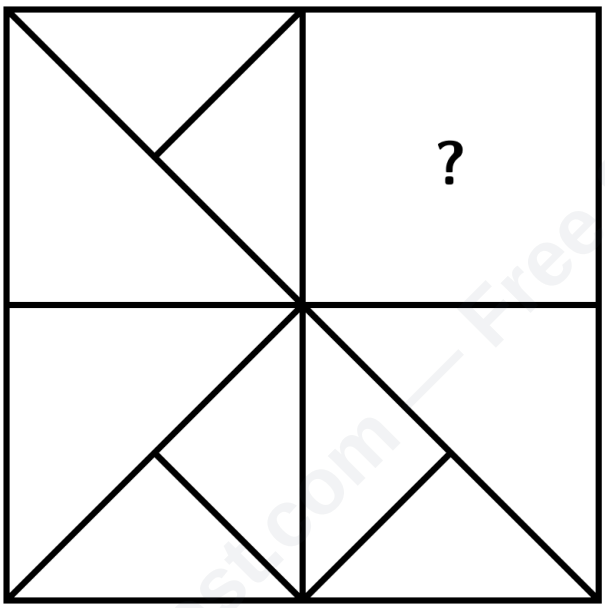
(b) Only conclusion I follows.

(c) Neither conclusion I nor II follow.

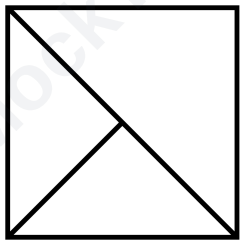
(d) Both conclusions I and II follow.

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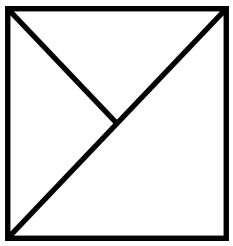
Q8. Select the figure from the options that can replace the question (?) and complete the given pattern.



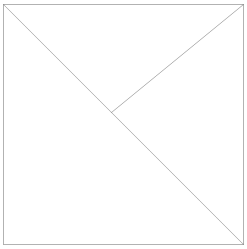
(a)



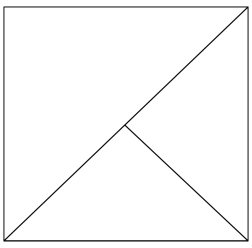
(b)



(c)



(d)



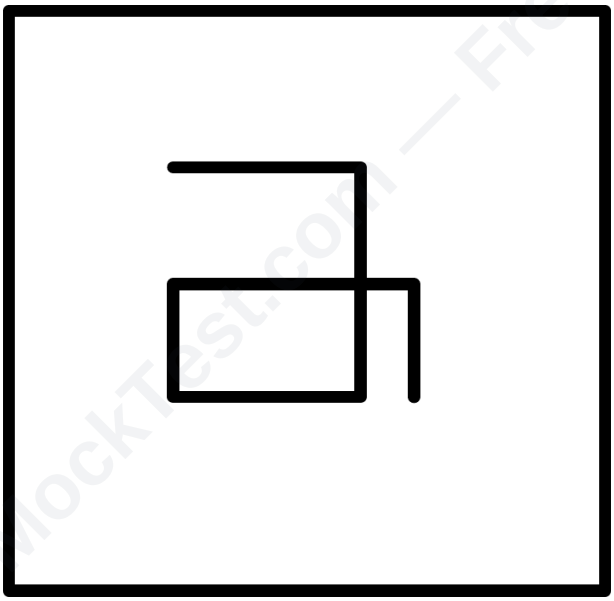
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Q9. What will be the value of the following expression, if '+' and '×' are interchanged and '−' and '÷' are interchanged?

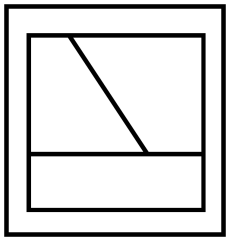
8 × 10 + 3 − 5 ÷ 6 = ?

(a) 4
(b) 6
(c) 12
(d) 8

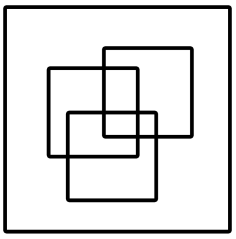
Q10. Select the option in which the given figure is embedded (rotation is NOT allowed).



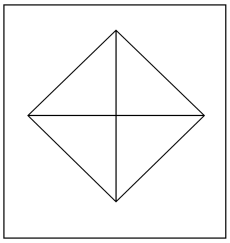
(a)



(b)

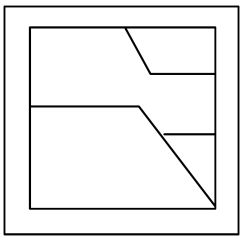


(c)



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(d)



Q11. Select the option in which the pair of letter-clusters share the same relationship as that shared by the given letter-clusters.

RS : IH

(a) TM : GN
(b) BX : CY
(c) RS : IT
(d) AJ : ZK

Q12. Select the number from among the given options that can replace the question mark (?) in the following series.

72, 66, 63, 57, 54, 48, ?

(a) 58
(b) 39
(c) 45
(d) 43

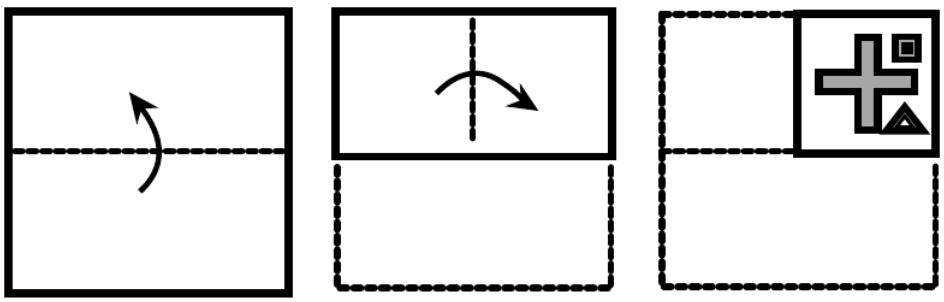
Q13. In a certain code language, 'SEAT' is written as '2' and 'CHARGE' is written as '4'. How will 'ONLINE' be written in that language?

(a) 3
(b) 6
(c) 2
(d) 5

Q14. Six friends, Kushal, Keshav, Kishan, Kamal, Kanan and Kishore, are of different heights. Keshav is taller than only three other friends. Kishore is taller than Kamal only. Kishan is shorter than Kushal only.Who is the third shortest among all the friends?

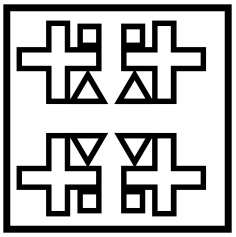
(a) Kushal
(b) Keshav
(c) Kishore
(d) Kanan

Q15. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figure. How would this paper look when unfolded?

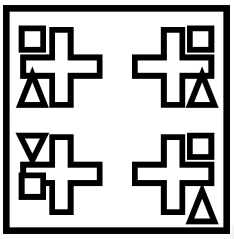


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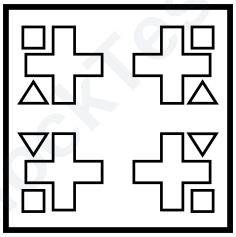
(a)



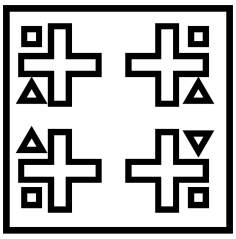
(b)



(c)



(d)



Q16. Five men O1, O2, O3, O4 and O5 are sitting around a circular table facing opposite to the centre (not necessarily in the same order). Only one man is sitting between O4 and O5 in clockwise direction from O5. Only one man is sitting between O3 and O4 in clockwise direction from O4. O1 is sitting to the immediate left of O3. Who is sitting third from the left of O2?

(a) O5
(b) O3
(c) O1
(d) O4

Q17. In a certain code language, '254' means 'You are intelligent', '153' means 'Nikhil is intelligent', '398' means 'Naina and Nikhil', then what is the code for 'is' in the same code language?

(a) 1
(b) 3
(c) 5
(d) 8

Q18. 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:

Some peas are pineapples.

No pineapple is a broccoli.

All broccolis are potatoes.

Conclusions:

I. Some peas being potatoes is a possibility.

II. All pineapples being potatoes is a possibility.

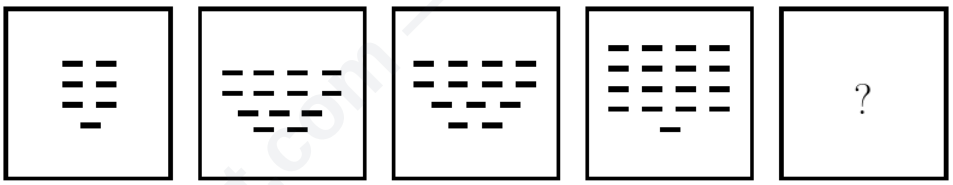
(a) Only conclusion I follows

(b) Both conclusions I and II follow

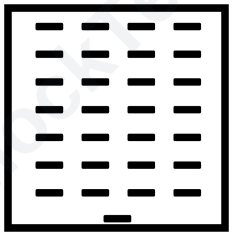
(c) Only conclusion II follows

(d) Neither conclusion I nor II follows

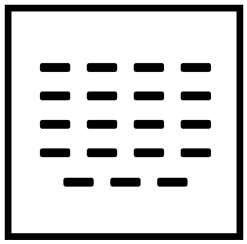
Q19. Select the figure from among the given options that can replace the question mark (?) in the following series.



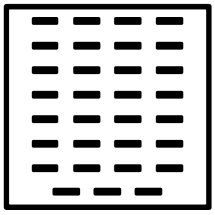
(a)



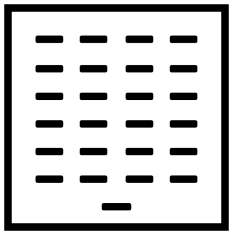
(b)



(c)



(d)



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Q20. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

GA, MU, SO, ?, EC

(a) ZI
(b) ZJ
(c) YI
(d) YJ

Q21. In a certain code language, 'pinch of salt grey' is written as 'ab tr # kp', 'grey colour is black' is written as '# jm bk if' and 'colour are of track' is written as 'gt if ab fr'. How will 'grey of' be written in that language?

(a) ab #
(b) gt #
(c) ab if
(d) gt fr

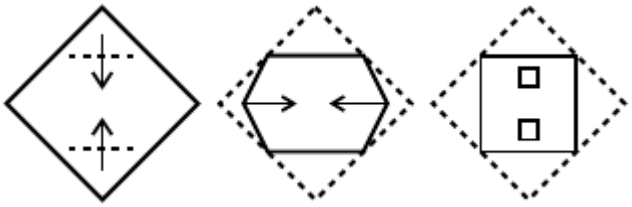
Q22. By interchanging the two signs ÷ and + and two numbers 9 and 12 (NOT digits), which of the following equations will NOT be correct?

I. 12 × 2 – 72 + 9 ÷ 57 = 69

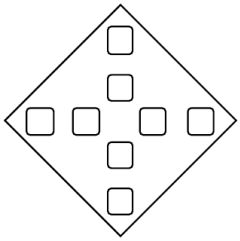
II. 169 + 13 × 12 ÷ 3 – 9 = 108

(a) Neither I nor II
(b) Both I and II
(c) Only II
(d) Only I

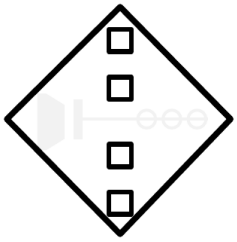
Q23. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



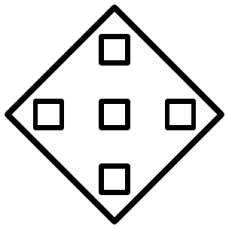
(a)



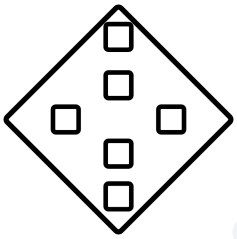
(b)



(c)



(d)



Q24. Ajay, Priti, Rakesh, Mehak, Saloni and Yogesh are sitting in a row facing north. Saloni and Yogesh are sitting in the centre. Ajay and Priti are at the ends. Rakesh is sitting to the immediate left of Ajay.Who is sitting to the immediate right of Priti?

(a) Yogesh
(b) Saloni
(c) Mehak
(d) Rakesh

Q25. Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word.

Vehicle : Car :: Food : Pizza :: Crockery : ?

(a) Language
(b) Plate
(c) Table
(d) Stove

NUMERICAL APTITUDE

Q26. How much air can be held in a closed cubical box, each of whose edges is 12 metres long?

(a) 1278 cubic metres
(b) 1872 cubic metres
(c) 1827 cubic metres
(d) 1728 cubic metres

Q27. The following table shows the amount (in Rs. '000) received by a store-owner by selling 5 different brands of milk during a given month.

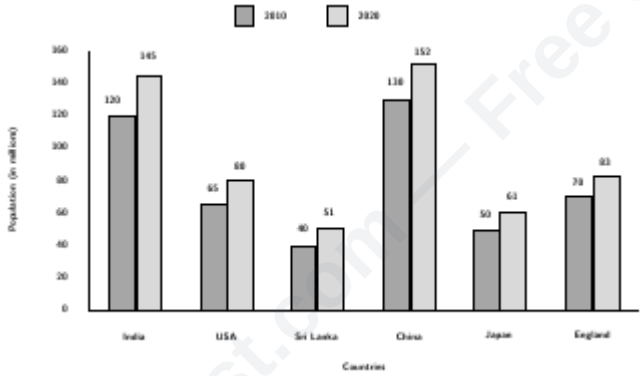
Brand	Amount
B1	62
B2	56
B3	72
B4	41
B5	69

The price per litre of milk of all the brands is Rs. 40 per litre. How many litres of milk, of all the brands taken together, were sold by the store during that month?

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(a) 7800 litres
(b) 7500 litres
(c) 7200 litres
(d) 8100 litres

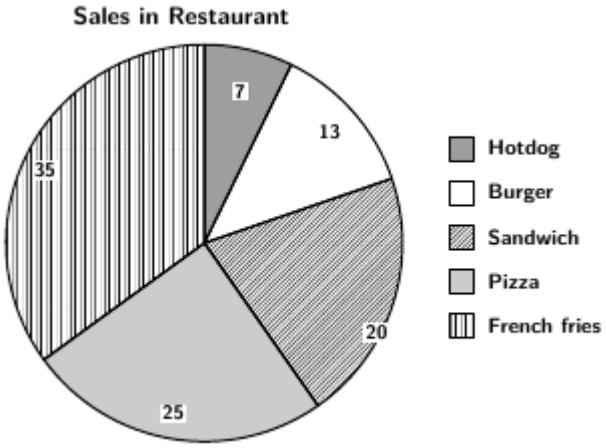
Q28. Study the given bar-graph and answer the question that follows.
The bar-graph shows the population of six countries (in millions) in 2010 and 2020.



In the USA, by what approximate percentage did the population increase by 2020 over its population in 2010?

(a) 18.57%
(b) 23.08%
(c) 26.5%
(d) 16.66%

Q29. The following pie-chart shows the sales in a restaurant in a day, in percentage terms.



If the total number of items sold in a day is 100, then what is the central angle made by the sector giving data about the sale of 'Sandwich' in the pie-chart?

(a) 20°
(b) 72°
(c) 45°
(d) 90°

Q30. Geeta bought a bag for Rs. 1,000 and spent Rs. 300 on fixing the defects in the bag. Later, she sold it for Rs. 1,508. What is the percentage of profit that Geeta earned through the sale?

(a) 12%
(b) 14%
(c) 18%
(d) 16%

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Q31. In a week, the average temperature of Sunday and Monday is 37.2°C. The average temperature of Tuesday and Wednesday is 39.4°C. Find the temperature on Sunday if the average temperature of Monday, Tuesday and Wednesday is 38.1°C?

(a) 39°C
(b) 39.1°C
(c) 38.9°C
(d) 38.8°C

Q32. G1 can do a piece of work alone in 20 days, G2 can do the same piece of work alone in 40 days, while G3 can do it alone in 60 days. They worked together and completed the work. If the combined share received by G1 and G2 is Rs. 2,700, then what is the total amount received by all the 3 workers taken together?

(a) Rs. 3,300
(b) Rs. 3,000
(c) Rs. 3,900
(d) Rs. 3,600

Q33. What is the smallest perfect square number that is divisible by both 10 and 15?

(a) 1200
(b) 1800
(c) 360
(d) 900

Q34. What is the single discount that is equivalent to two successive discounts of 12.5% and 20%?

(a) 31.5%
(b) 30%
(c) 27.5%
(d) 28%

Q35. The selling price of a book is Rs. 855. If the loss incurred through the sale is 10%, then what is the nominal amount of loss incurred?

(a) Rs. 85
(b) Rs. 90.5
(c) Rs. 85.5
(d) Rs. 95

Q36. A square of side p is taken. A rectangle is cut out from this square such that the length of one side of the rectangle is equal to half of the length of one side of the square and the length of another side of the rectangle is equal to 1/3 of the length of the first side of the rectangle. What is the area of the portion of the square that remained after the rectangle is cut out?

(a) $7/8p^2$
(b) $3/4p^2$
(c) $11/12p^2$
(d) $15/16p^2$

Q37. The length of each diagonal of a rectangle is 50 cm. If its breadth is 14 cm, then what will be the area of the rectangle?

(a) 832 cm^2
(b) 716 cm2
(c) 784 cm2
(d) 672 cm2

Q38. A train covers a certain distance at a speed of 80 km/h in 6 hours. Find the speed of the train for covering the same distance in 5 hours.

(a) 96 km/h
(b) 86 km/h
(c) 90 km/h

(d) 88 km/h

Q39. If 3 : x :: 12 : 20, then what is the value of x?

(a) 10
(b) 6
(c) 8
(d) 5

Q40. Mayank spend 35% of his monthly income on household items, 25% on electronic items, and 7% on medicines. He saves the remaining amount of Rs. 11,550. What is Mayank's monthly income (in Rs.)?

(a) Rs. 38,000
(b) Rs. 35,000
(c) Rs. 40,000
(d) Rs. 33,000

Q41. A man rows from A to B (upstream) and B to A (downstream) in 12 hours. The distance between A and B is 240 km. The time taken by the man to row 6 km downstream is identical to the time taken by him to row 4 km upstream. What is the speed of the stream?

(a) 35/3 km/h
(b) 25/3 km/h
(c) 46/3 km/h
(d) 50/3 km/h

Q42. In a class of 1500 students, the percentage of girls is 30%. If 80% of the boys failed the examinations, find the number of boys who passed in the examination.

(a) 840
(b) 210
(c) 550
(d) 630

Q43. The average of D1 and D2 is 40. The average of D2 and D3 is 45. The average of D1 and D3 is 55. What is the value of D3?

(a) 60
(b) 45
(c) 50
(d) 55

Q44. What is the value of (1 ÷ 4) of 16 + {120 ÷ 24 × 10}?

(a) 40
(b) 46
(c) 50
(d) 54

Q45. The value of 2/3 of 5/8 of 276 - √7056 is:

(a) 36
(b) 31
(c) 33
(d) 29

Q46. After 4 years, Ramesh's age will be 50% more than what his age was 16 years ago. What is his present age?

(a) 56 years
(b) 52 years
(c) 54 years
(d) 46 years

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Q47. Kajal can do a piece of work alone in 24 days, while Neha can do the same work alone in 40 days. Kajal started the work alone, and then after 12 days, Neha joined her till the completion of the work. How long did the work take to be completed since Kajal started to work on it?

(a) 37/4 days
(b) 39/2 days
(c) 37/2 days
(d) 39/4 days

Q48. In what time does a sum of money amount to twice of itself at the simple interest of 25% per annum?

(a) 8 years
(b) 2 years
(c) 4 years
(d) 10 years

Q49. At a certain rate simple interest per annum, a certain sum amounts to Rs. 24,000 in 7 years and to Rs. 32,000 in 12 years. What is the rate of simple interest paid per annum?

(a) 15%
(b) 25%
(c) 12.5%
(d) 20%

Q50. What is the average of 24, 42, 76, 44 and 54?

(a) 43
(b) 45
(c) 46
(d) 48

GENERAL ENGLISH

Q51. Select the most appropriate meaning of the underlined idiom in the given sentence.

I tried to tell him to think of the good times, that every cloud has a silver lining.

(a) Doing something with thoroughness and passion
(b) Don't cry over what has happened as it cannot be fixed
(c) Treat people the same way as you want to be treated
(d) Every difficult situation has a hopeful aspect to it

Q52. Select the most appropriate synonym of the given word.

Expository

(a) Illustrative
(b) Temperamental
(c) Obligatory
(d) Dubious

Q53. Select the most appropriate option to fill in the blank.

The first printed _____ of this book came in 1933.

(a) excretion
(b) insertion
(c) addition
(d) edition

Q54. Select the most appropriate meaning of the given idiom.

Pull someone's legs

(a) To tease someone
(b) To protect someone

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(c) To wish someone luck
(d) To make someone angry

Q55. Select the option that can be used as a one-word substitute for the given group of words.
A person who produces beautiful handwriting
(a) stenographer
(b) Philosopher
(c) Calligrapher
(d) Typographer

Q56. Select the most appropriate ANTONYM of the underlined word.
He certainly failed to console the new king.
(a) Agitate
(b) Coordinate
(c) Satiate
(d) Gratify

Q57. Select the correctly spelt word.
(a) Simultanous
(b) Simultenaous
(c) Simultaneous
(d) Simulteneous

Q58. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
His successful as a lawyer / grew so fast that he soon had / enough money to buy a house.
(a) No error
(b) grew so fast that he soon had
(c) enough money to buy a house
(d) His successful as a lawyer

Q59. Select the option that can be used as a one-word substitute for the given group of words.
A state of perfect balance
(a) Equilibrium
(b) Extempore
(c) Medieval
(d) Irrelevant

Q60. Select the most appropriate ANTONYM of the given word.
Admirable
(a) Blameworthy
(b) Practical
(c) Reasonable
(d) Tolerant

Q61. Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
My sister called me for my lunch hours to tell me that she was getting married.
(a) was getting married
(b) No error
(c) My sister called me for my
(d) lunch hours to tell me that she

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Q62. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

The enemies have cross the border, treading the soil on which they are to be conquered.

(a) No improvement required
(b) have crossed
(c) has crossed
(d) have crossing

Q63. Select the correctly spelt word.

(a) Interview
(b) Intrvew
(c) Intreview
(d) Interveiw

Q64. Select the most appropriate option to fill in the blank.

Consumers are not ready to purchase this citrus fruit at such a _____ price.

(a) higher
(b) highest
(c) highly
(d) high

Q65. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Other South African cities only / had one venue for staging exhibitions or / international events at highly standard.

(a) No error
(b) internationals events at highly standard
(c) Other South African cities only
(d) had one venue for staging exhibitions or

Q66. Select the most appropriate option to fill in the blank.

I _____ home before she arrived.

(a) left
(b) had left
(c) has left
(d) have left

Q67. Select the most appropriate synonym of the given word.

Sparkling

(a) Dismal
(b) Muffled
(c) Gleaming
(d) Unexciting

Q68. Select the most appropriate option to fill in the blank.

Please don't _____ anyone that I came to your birthday party.

(a) told
(b) said
(c) tell
(d) say

Q69. Select the most appropriate ANTONYM of the given word.

Seclude

(a) Blink
(b) socialize

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(c) Confine
(d) Isolate

Q70. Select the most appropriate option to fill in the blank.

A sustained decline in Chinese consumption would be even more _____ than the current US-China trade dispute.

(a) worrying
(b) imagining
(c) delaying
(d) mobilising

Directions

Direction: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In a significant find, the Epigraphy Branch of the Archaeological Survey of India (1) ____ discovered the earliest epigraphic evidence so far for the Saptamatrika cult. It is also (2) __ earliest Sanskrit inscription to have been discovered (3) __ South India as of date. Saptamatrikas are a group of seven female deities worshipped in Hinduism as personifying the energy of their respective consorts. The inscription is in Sanskrit and in Brahmi characters and was (4) __ by Satavahana King Vijaya in 207 A.D. The inscription came to light when some local villagers informed the authorities of the presence of a pillar with some engravings when they were restoring and (5) ____ the local Bheemeshwara temple.

Q71. Select the most appropriate option to fill in blank number 1.

(a) have
(b) has
(c) is
(d) are

Q72. Select the most appropriate option to fill in blank number 2.

(a) an
(b) the
(c) a
(d) one

Q73. Select the most appropriate option to fill in blank number 3.

(a) upon
(b) on
(c) In
(d) at

Q74. Select the most appropriate option to fill in blank number 4.

(a) refused
(b) chased
(c) issued
(d) denied

Q75. Select the most appropriate option to fill in blank number 5.

(a) repairing
(b) removing
(c) healing
(d) praying

GENERAL AWARENESS

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Q76. _____, popularly known as Punjab Kesari took his last breath on November 17^(th,) 1928

(a) Dadabhai Naoroji
(b) Swami Vivekananda
(c) Lala Lajpat Rai
(d) Bal Gangadhar Tilak

Q77. Which of the following Constitutional Amendment incorporated Dadra, Nagar and Haveli in the Union of India as a Union Territory?

(a) 19^(th)
(b) 14^(th)
(c) 12^(th)
(d) 10^(th)

Q78. Guru Bipin Singh received 'Sangeet Natak Akademi Award' in the year 1966. He was a teacher of _____ dance.

(a) Manipuri
(b) Kathak
(c) Odissi
(d) Bharatanatyam

Q79. Smart cities and Academia Towards Action and Research (SAAR) scheme was launched by the _____.

(a) Ministry of Commerce and Industry
(b) Ministry of Culture
(c) Ministry of Housing and Urban Affairs
(d) Ministry of External Affairs

Q80. In which state of India is the Moatsu festival celebrated every year?

(a) Tamil Nadu
(b) Karnataka
(c) Nagaland
(d) Jharkhand

Q81. Which of the following pair of 'Name of Ruler – Empire' is correctly matched?

I. Mahapadma Nanda – Magadha Empire
II. Ajatasattu – Maurya Empire

(a) Only II
(b) Neither I nor II
(c) Both I and II
(d) Only I

Q82. How many types of igneous rocks are there?

(a) Four
(b) Two
(c) Six
(d) Five

Q83. Which of the following terms is NOT associated with hockey?

(a) Scoop
(b) Flick
(c) Hit
(d) Run out

Q84. In which state of India is the Gulbarga Fort situated?

(a) Karnataka
(b) Himachal Pradesh
(c) Assam

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(d) Uttar Pradesh

Q85. Which of the following formulas is correct for Gross Value Added?

(a) Gross Value Added = Gross National Product – Subsidies + Taxes
(b) Gross Value Added = Gross Domestic Product – Subsidies + Taxes
(c) Gross Value Added = Gross National Product + Subsidies – Taxes
(d) Gross Value Added = Gross Domestic Product + Subsidies – Taxes

Q86. _____ is used to get rid of indigestion.

(a) Antibiotic
(b) Analgesic
(c) Antiseptic
(d) Antacid

Q87. Which of the following countries had a higher average population density than India in 2020 as per Food and Agriculture Organization and World Bank population estimates?

(a) Russia
(b) Sri Lanka
(c) Bangladesh
(d) China

Q88. 'Waiting for a Visa' is a 20-page autobiography written by _____.

(a) Ram Mohan Roy
(b) Jawaharlal Nehru
(c) Bhimrao Ramji Ambedkar
(d) Mahatma Gandhi

Q89. AR Rahman won the Grammy Awards for which movie?

(a) Slumdog Millionaire
(b) Roja
(c) Lagaan
(d) Dil Se

Q90. Shovana Narayan is associated with which classical dance of India?

(a) Sattriya
(b) Mohiniyattam
(c) Kathak
(d) Bharatnatyam

Q91. Which Constitutional Amendment Act included Fundamental Duties in the Indian Constitution?

(a) Twenty-second Amendment Act
(b) Forty-second Amendment Act
(c) Fifty-second Amendment Act
(d) Thirty-second Amendment Act

Q92. Queen Rudramadevi belonged to which dynasty of India?

(a) Chola
(b) Kakatiya
(c) Chalukya
(d) Chera

Q93. The SI unit of work is _____.

(a) Decibel
(b) Joule
(c) Pascal

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(d) Hertz

Q94. Which of the following is a rabi crop?

(a) Groundnut
(b) Maize
(c) Paddy
(d) Gram

Q95. Which of the following persons was conferred with the 57^(th) Jnanpith Award?

(a) Krishna Sobti
(b) Damodar Mauzo
(c) Kedarnath Singh
(d) Amitav Ghosh

Q96. The distribution of the population according to different types of occupation is known as _____.

(a) occupational structure
(b) age composition
(c) adolescent population
(d) migration

Q97. _____ is commonly known as imperfect fungi because only the asexual or vegetative phases of these fungi are known.

(a) Phycomycetes
(b) Basidiomycetes
(c) Deuteromycetes
(d) Ascomycetes

Q98. _____ is broadly divided into Western Ghats and Eastern Ghats.

(a) Himalayan mountains
(b) Northern plains
(c) Deccan plateau
(d) Central highlands

Q99. When Alivardi Khan died in 1756, _____ became the nawab of Bengal.

(a) Mir Jafar
(b) Siraj-ud-daulah
(c) Murshed Quli Khan
(d) Mir Qasim

Q100. Which Indian Olympian is associated with golf?

(a) Abhinav Bindra
(b) Neeraj Chopra
(c) Ravi Kumar Dahiya
(d) Aditi Ashok

ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a
21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a

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61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a	76	a	77	a	78	a	79	a	80	a
81	a	82	a	83	a	84	a	85	a	86	a	87	a	88	a	89	a	90	a
91	a	92	a	93	a	94	a	95	a	96	a	97	a	98	a	99	a	100	a

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