SSC MTS Previous Year Paper (Held on: 18 July 2022 Shift 2)

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

Take this paper as a timed mock test

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.

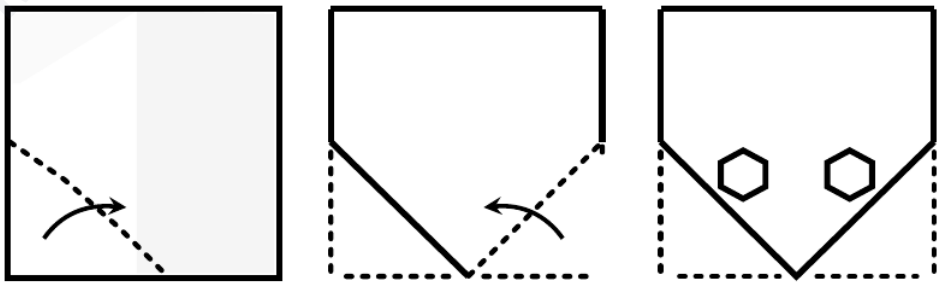
GENERAL INTELLIGENCE & REASONING

Q1. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

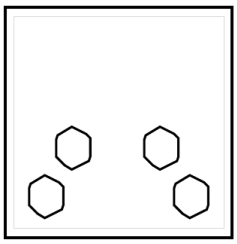
ACADEMY : ZXZWVNB :: FINANCE : URMZMXV :: PACKAGE : ?

(a) KZXPZUV
(b) KZXPZTU
(c) KZXQZTV
(d) KZXPZTV

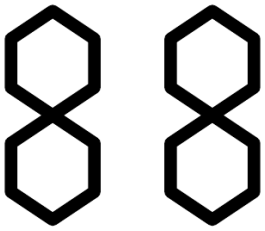
Q2. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



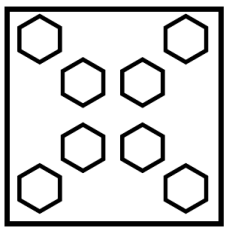
(a)



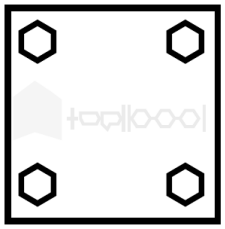
(b)



(c)



(d)



Q3. Select the letter-cluster that can replace the question mark (?) in the following series.

TOC, SLX, RIS, QFN, ?

(a) PEI
(b) PCJ
(c) PCI
(d) PDI

Q4. If '–' stands for '×', '×' stands for '+', '+' stands for'÷' and '÷' stands for '–', then what will be the value of 516 – 2558 + 172 × 12 ÷ 7086?

(a) 500
(b) 400
(c) 600
(d) 700

Q5. 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.

POK : HLM :: ORT : ?

(a) QPL
(b) QOM
(c) QPM
(d) QOL

Q6. In a certain code language, '251' means 'Water is Black', '509' means 'Black Her Eyes' and '981' means 'Eyes Like Water'. Find the code for 'is'.

(a) 2
(b) 5
(c) 9
(d) 1

Q7. 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.

LON : RRN :: MAD : ?

(a) IDO
(b) HDO
(c) IEO
(d) HEO

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Q8. 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:

No apples are trees.

Some trees are dense.

Conclusions:

I. Some apples are dense.

II. No tree is an apple.

(a) Both conclusions I and II follow

(b) Only conclusion I follows.

(c) Neither conclusion I nor II follows.

(d) Only conclusion II follows.

Q9. Select the number from among the given options that can replace the question mark (?) in the following series.

8, 18, 57, 232,?, 6996

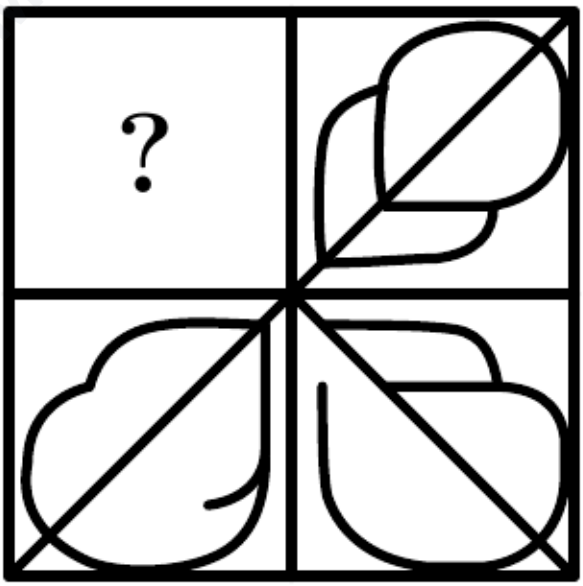
(a) 888

(b) 1165

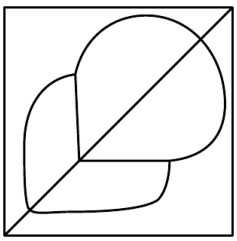
(c) 924

(d) 828

Q10. Select the figure from the options that can replace the question mark (?) and complete the given pattern.

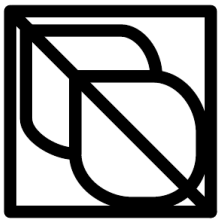


(a)

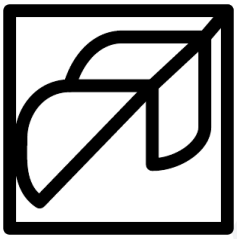


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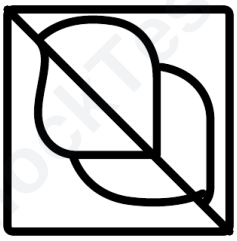
(b)



(c)



(d)

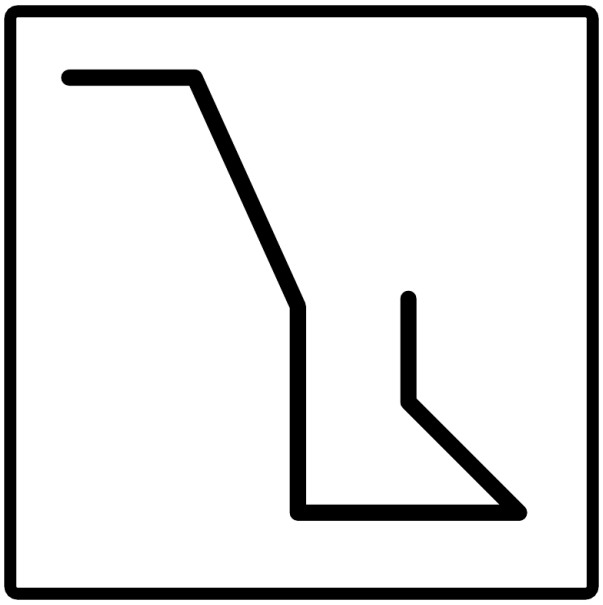


Q11. Select the number from among the given options that can replace the question mark (?) in the following series.

53, 55, 58, 63, ?, 81

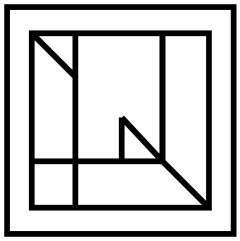
(a) 68
(b) 71
(c) 70
(d) 69

Q12. Select the option in which the given figure is embedded as its part (rotation is NOT allowed).

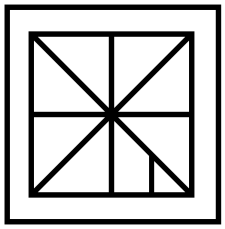


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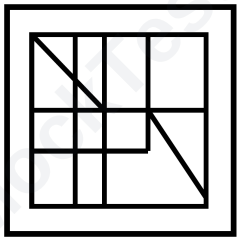
(a)



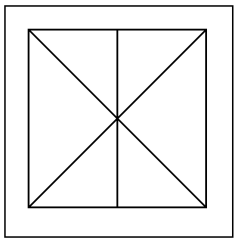
(b)



(c)



(d)



Q13. By interchanging the given two signs and two numbers (not digits), which of the following equations will be correct? ÷ and ×, 25 and 12

I. 105 ÷ 10 × 75 + 25 – 12 = 3

II. 75 × 12 ÷ 25 + 14 – 10 = 40

(a) Only II is correct

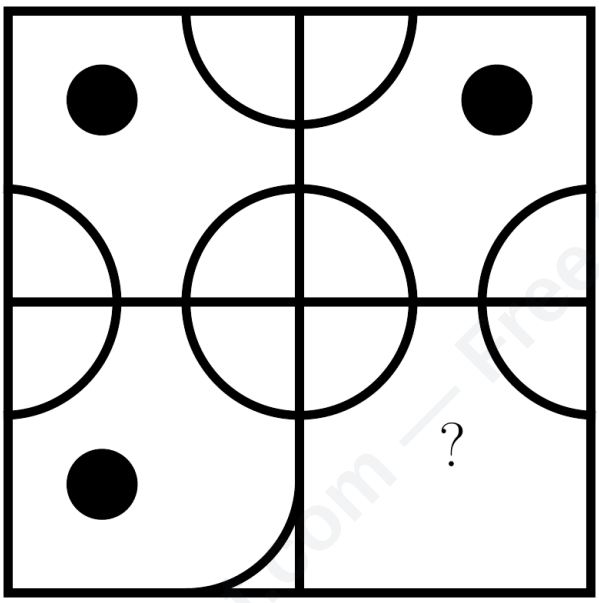
(b) Both I and II are correct.

(c) Only I is correct.

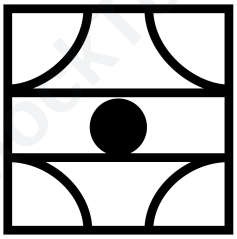
(d) Neither I nor II is correct.

Q14. Select the figure from the options that can replace the question mark (?) and complete the pattern (Rotation is not allowed).

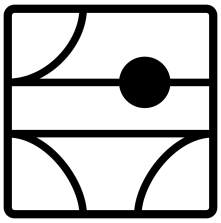
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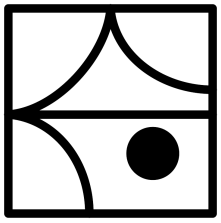
(a)



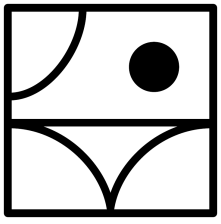
(b)



(c)



(d)



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Q15. In a certain code language, 'TRAIND' is written as 'FPKBSU', and 'POKRSB' is written as 'DUTLPQ'. How will 'ANLCGH' be written in that language?

(a) JIENOB
(b) JIEMOB
(c) JIFMOB
(d) JHEMOB

Q16. In a certain code language, ‘Grains contain wheat rice’ is coded as ‘8 6 # %’, and ‘Rice are hard grains’ is coded as ‘# pr % lm’. What is the code for ‘grains rice’ in that code language?

(a) %
(b) % 6
(c) lm 6
(d) pr

Q17. Three males K, J and M are sitting in a row facing towards the south (not necessarily in the same order). Three females R, F and T are sitting in a row facing towards the face of these males (not necessarily in the same order). R is the immediate neighbour of F and T. K is second to the right of M. R is to the immediate left of F. If we arrange the females in the alphabetical order of their names from the left end to the right end, then how many females will face the same male who they faced before this new arrangement?

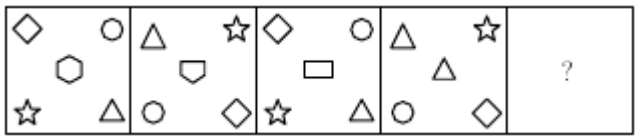
(a) One
(b) Two
(c) Three
(d) Zero

Q18. 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.

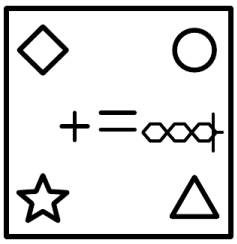
225 : 36 :: 257 : 56 :: 358 : ?

(a) 64
(b) 44
(c) 54
(d) 60

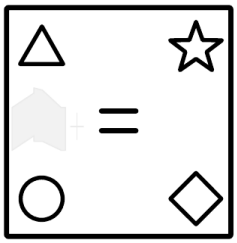
Q19. Select the figure from among the given options that can replace the question mark (?) in the following series.



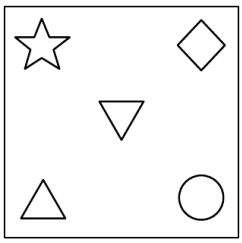
(a)



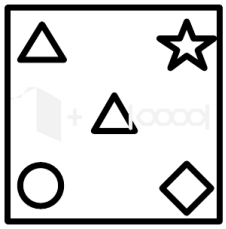
(b)



(c)



(d)



Q20. Six persons - Arun, Brij, Chaman, Danish, Evan and Farukh - sit around a circular table facing the centre. Farukh is second to the right of Arun. Danish is second to the left of Chaman. Brij is to the immediate right of Farukh. Who sits third to the left of Evan?

(a) Farukh
(b) Arun
(c) Danish
(d) Chaman

Q21. 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 radios are electronic items.

Some speakers are electronic items.

Conclusions:

I. No radio is a speaker.

II. Some radios are speakers.

(a) Only conclusion I follows.
(b) Only conclusion II follows.
(c) Both conclusions I and II follow.
(d) Either conclusion I or II follows.

Q22. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(4, 5, 81) (2, 5, 49)

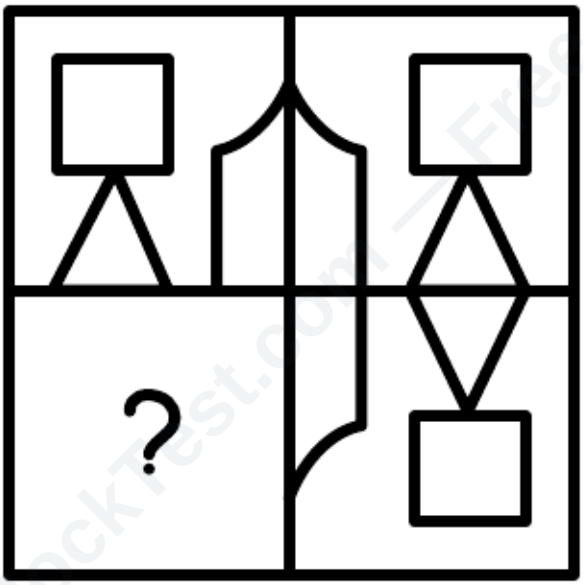
(a) (4, 6, 90)
(b) (4, 7, 111)
(c) (3, 5, 64)
(d) (3, 5, 74)

Q23. Six people, F, G, H, I, J and K, got different marks in their examination. G got more marks than F and K. F got more marks than I, but not the highest marks. G scored more marks than H. K got more marks than J, but fewer marks than H. I got the thirdlowest marks. F got more marks than K but less than H. F got 59 marks and K got 46 marks. Who among the following got the highest marks?

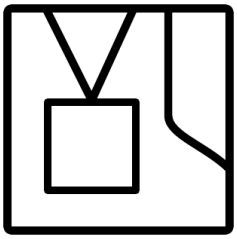
(a) G

(b) J
(c) H
(d) K

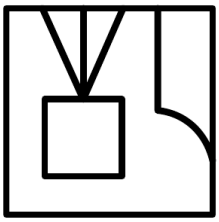
Q24. Select the figure from the options that can replace the question mark (?) and complete the pattern (Rotation is not allowed).



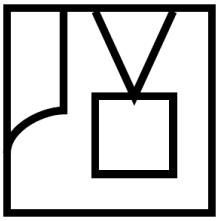
(a)



(b)

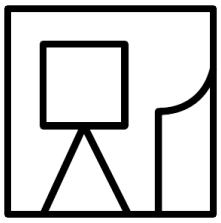


(c)



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(d)



Q25. In a certain code language, 'SWISS' is written as 'HDRHH', and 'TABOO' is written as 'GZYLL'. How will 'REHAB' be written in that language?

(a) HHGAK
(b) IGASH
(c) IVSZY
(d) BAHRE

NUMERICAL APTITUDE

Q26. P can do a piece of work alone in 16 days, Q can do the same work alone in 24 days, while R can do it alone in 48 days. They work together and complete the work, and receive a total of Rs. 744 as payment for doing the work. What is the share of the person who received the smallest amount?

(a) Rs. 118
(b) Rs. 124
(c) Rs. 132
(d) Rs. 112

Q27. The marked price of an article is Rs. 20,000, and while selling, the shopkeeper offers two successive discounts of 12% and d%. If the selling price of the article is Rs. 16,720, then what is the value of d?

(a) 5
(b) 10
(c) 4
(d) 8

Q28. What is the value of (5/11÷ 7/25×33/28+5/12×2/3÷ 25/27)/(6/11× 5/12÷15/44) ?

(a) 9670/1866
(b) 8408/1955
(c) 6507/1960
(d) 9567/1860

Q29. A bag contains coins of Rs. 1, Rs. 2 and Rs. 5 in the ratio 5 : 10 : 6 respectively. The total amount in the bag is Rs. 275. How many Rs. 5 coins are in the bag?

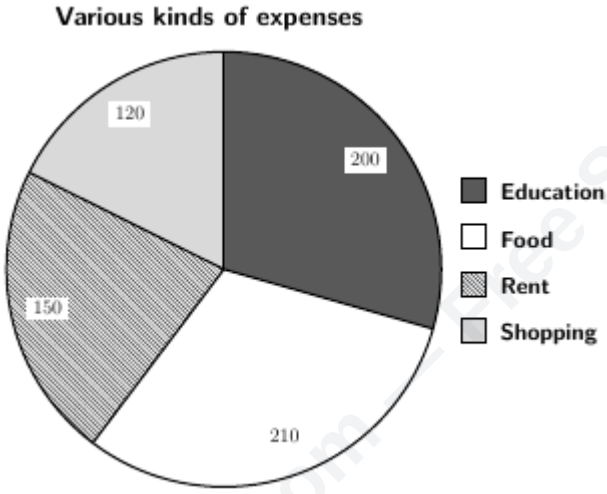
(a) 30
(b) 35
(c) 20
(d) 25

Q30. The ratio of A and B in an alloy is 2 : 5. If the alloy is made of only A and B, how much amount of B will be there in 210 kg of that alloy?

(a) 150 kg
(b) 135 kg
(c) 60 kg
(d) 180 kg

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Q31. The following pie chart gives the ratio of various kinds of expenses of a particular family for a week.



If the amount spent on shopping for the week is Rs. 1,000, what is the total amount spent on food?

(a) Rs. 1,450
(b) Rs. 1,750
(c) Rs. 1,650
(d) Rs. 1,550

Q32. The following table shows the demand and the production of the items made by four different companies.

Company Name	Demand (no. of items)	Production (no. of items)
Company A	3500	1500
Company B	500	2000
Company C	2500	1000
Company D	1000	3500

How many extra number of items did company B produce over and above the number of items demanded from it?

(a) 2500
(b) 2000
(c) 1500
(d) 500

Q33. There are 45 students in a class. 80% of the students passed the exam. How many students failed in the exam?

(a) 8
(b) 9
(c) 5
(d) 11

Q34. In a classroom consisting of boys and girls, the average marks obtained by the boys is 90. If the average of the whole class is 92, and the ratio of the number of boys to that of girls is 3 : 2, what is the average marks scored by the girls?

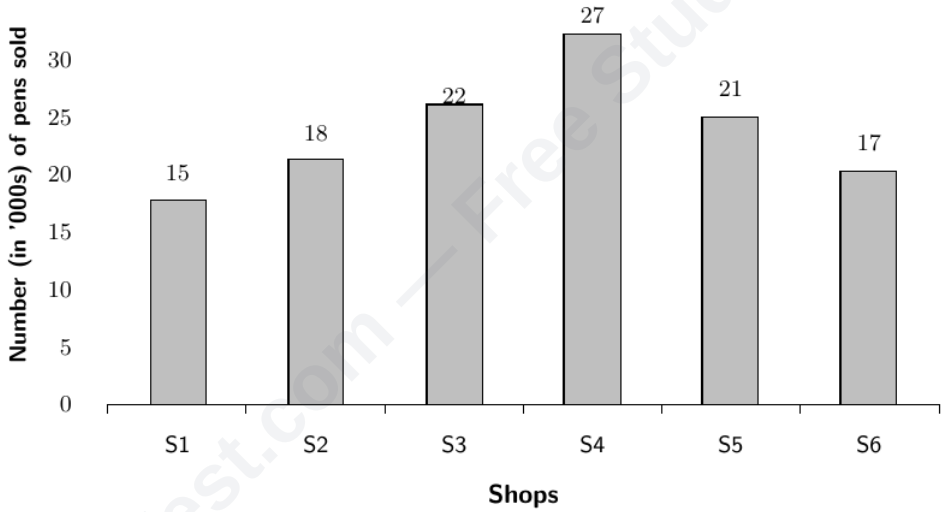
(a) 97
(b) 94
(c) 96
(d) 95

Q35. There are two numbers such that the first number is twice the second number. If their average is 30, then what is the positive difference between the two numbers?

(a) 20
(b) 10

(c) 15
(d) 25

Q36. The following bar chart shows the number of pens (in '000s) sold by 6 different shops during a given year.



If the cost of each pen is Rs. 4.50, then what is the average revenue earned per shop?

(a) Rs. 92,000
(b) Rs. 96,000
(c) Rs. 84,000
(d) Rs. 90,000

Q37. The simple interest on a sum deposited at 10% p.a. for 4 years is Rs. 20,000. What will be the compound interest on the same sum at half of the above rate of interest for 2 years, interest compounded yearly?

(a) Rs. 5,010
(b) Rs. 5,125
(c) Rs. 5,020
(d) Rs. 5,015

Q38. In an examination, 85% of the students passed. If 75 students failed, then how many students appeared for the examination?

(a) 540
(b) 500
(c) 520
(d) 480

Q39. Simplify the following expression.

15 - {4 - (4 - 1)} + 27

(a) 38
(b) 41
(c) 40
(d) 42

Q40. The area of a trapezium shaped field is 1785 square feet. The distance between the two parallel sides is 35 feet and one of the parallel sides is 42 feet long. What is the length of the other parallel side?

(a) 60 feet
(b) 35 feet
(c) 65 feet
(d) 40 feet

Q41. The product of two numbers is 1296. If the highest common factor of the two numbers is 12, then what is the least common multiple of the two numbers?

(a) 108
(b) 60
(c) 84
(d) 120

Q42. The average of 5 terms is 15. If the first 4 terms are 12, 17, 23, and 8, what will be the fifth term?

(a) 30
(b) 15
(c) 22
(d) 20

Q43. A 600-metre-long train is running at the speed of 45 km/h. How much time will the train take to completely cross a stationary pole?

(a) 60 s
(b) 48 s
(c) 54 s
(d) 42 s

Q44. Two cubes, each having a total surface area of 150 cm^2, are joined together to form a cuboid. Find the total surface area of the resulting cuboid.

(a) 225 cm^2
(b) 250 cm^2
(c) 275 cm^2
(d) 300 cm^2

Q45. Samira can do a piece of work in 9 days. Sujata can do 1/3 of the same work in 3 days. If Samira worked alone for 2 days and left, then, in how many days can Sujata alone complete the remaining work?

(a) 7 days
(b) 8 days
(c) 9 days
(d) 12 days

Q46. If a person purchases an item at Rs. 3,000 and he sells it at 10% profit, then find the selling price of the item.

(a) Rs. 3,200
(b) Rs. 3,100
(c) Rs. 3,300
(d) Rs. 3,400

Q47. Walking towards a bus stop at 5/7 of his usual speed, Rakesh missed the bus by 10 minutes. What is the usual time that Rakesh takes to reach the bus stop just in time for the bus?

(a) 30 minutes
(b) 20 minutes
(c) 15 minutes
(d) 25 minutes

Q48. Vijay sold a watch at a loss of 50%. If the loss is Rs. 2,400, then what is the selling price of the watch?

(a) Rs. 1,200
(b) Rs. 2,400
(c) Rs. 4,800
(d) Rs. 3,600

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Q49. The length of a rectangle is 4 times of its breadth. If the area of the rectangle is 576 cm², then what is the perimeter of this rectangle?

(a) 112 cm
(b) 60 cm
(c) 56 cm
(d) 120 cm

Q50. What will be the amount payable on maturity on a principal of Rs. 12,000, invested for 3 years, at the rate of 10% per annum, compounded annually?

(a) Rs. 14,928
(b) Rs. 15,972
(c) Rs. 16,826
(d) Rs. 18,922

GENERAL ENGLISH

Q51. Select the option that can be used as a one-word substitute for the given group of words.

One who runs away from justice or a dangerous situation

(a) Sadist
(b) Altruist
(c) Insolvent
(d) Fugitive

Q52. Select the most appropriate meaning of the given idiom.

Once in a blue moon

(a) Occasionally
(b) Very rarely
(c) Frequently
(d) Incessantly

Q53. Select the option that can be used as a one-word substitute for the given group of words.

Having or forming a hard outer layer

(a) Crunched
(b) Crushed
(c) Crusted
(d) Cursed

Q54. Select the correctly spelt word.

(a) Adamant
(b) Amorphuous
(c) Despottic
(d) Contentous

Q55. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I am not gone to harm this dog.

(a) are not going
(b) No improvement required
(c) am not going
(d) is not gone

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Q56. Select the most appropriate option to fill in the blank.

Ritu had gone out to drink water _____ her examination started.

(a) even
(b) whether
(c) before
(d) now

Q57. Select the most appropriate option to fill in the blank.

I feel so lazy and _____ after doing any strenuous work.

(a) lively
(b) sluggish
(c) fortunate
(d) bouncing

Q58. Select the most appropriate ANTONYM of the given word.

Ambitious

(a) Vigorous
(b) Lazy
(c) Dynamic
(d) Lively

Q59. Select the option that can be used as a one-word substitute for the given group of words.

The study of the heart and its action and disease

(a) Pharmacology
(b) Anthropology
(c) Cardiology
(d) Microbiology

Q60. Select the most appropriate option to fill in the blank.

My mother is a _____ and forgiving person.

(a) respective
(b) vital
(c) difficult
(d) compassionate

Q61. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

San Francisco is more bigger/ than Boston in terms of/ population density.

(a) population density
(b) No error
(c) than Boston in terms of
(d) San Francisco is more bigger

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

We have the responsibility of finding our daughter.

(a) No improvement required
(b) of finding us
(c) to finding our
(d) finding of our

Q63. Select the most appropriate meaning of the given idiom.

Hit the nail on the head

(a) To be extremely cautious
(b) To be exactly right about something

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(c) To injure someone fatally
(d) To be extremely hard working

Q64. Select the most appropriate ANTONYM of the given word.
Fleeting
(a) Passing
(b) Feeble
(c) Brief
(d) Lasting

Q65. Select the most appropriate synonym of the given word.
Propitious
(a) Conciliatory
(b) Cogent
(c) Inimical
(d) Auspicious

Q66. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
In the primitive / oceans, / life begins / nearly 3.5 billion years ago.
(a) nearly 3.5 billion years ago
(b) life begins
(c) oceans
(d) In the primitive

Q67. Select the most appropriate synonym of the underlined word in the given sentence.
Try to sound more innocent than sarcastic.
(a) playful
(b) mild
(c) caustic
(d) rational

Q68. Select the correctly spelt word.
(a) Tolreite
(b) Toilerate
(c) Tolerate
(d) Tolrate

Q69. Select the most appropriate option to fill in the blank.
I am _____ willing to sign this contract with your company.
(a) nor
(b) none
(c) not
(d) no

Q70. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Continuous heavy / rainfall may / further worse / the flood situation.
(a) rainfall may
(b) Continuous heavy
(c) the flood situation
(d) further worse

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.

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Speech pathologists are (1) ____ in communication disabilities. They work within multidisciplinary health-care teams (2) __ a variety of hospital and community-based sites. This (3) __ working with medical, nursing, and allied health professionals such (4) __ psychologists, occupational therapists, social (5) ____ and physiotherapists.

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

(a) quacks
(b) teachers
(c) experts
(d) relatives

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

(a) across
(b) after
(c) by
(d) about

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

(a) includes
(b) included
(c) include
(d) including

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

(a) than
(b) so
(c) like
(d) as

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

(a) migrants
(b) workers
(c) amateurs
(d) manuals

GENERAL AWARENESS

Q76. Who among the following freedom fighters of India was assassinated?

(a) Jawaharlal Nehru
(b) Mahatma Gandhi
(c) Nana Sahib
(d) Bal Gangadhar Tilak

Q77. _____ was a Sarod player.

(a) Buddhadev Das Gupta
(b) Bhajan Sopori
(c) Annapurna Devi
(d) Pt. Shiv Kumar Sharma

Q78. Which of the following is NOT an example of an abiotic component of the ecosystem?

(a) Soil
(b) Wind
(c) Rainfall
(d) Animal

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Q79. Manu writes about a sea which is so salty that it is very difficult to drown in it. Which sea is it?

(a) Arabian Sea
(b) Dead Sea
(c) Green Sea
(d) Red Sea

Q80. Which of the following is the only active volcanic island in India?

(a) Amindivi Island
(b) Laccadive Island
(c) Minicoy Island
(d) Barren Island

Q81. Which of the following compounds are also known as aliphatic compounds?

(a) Aromatic compounds
(b) Acyclic compounds
(c) Cyclic compounds
(d) Benzenoid compounds

Q82. The Parliament of India is divided into _____ houses.

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

Q83. What does the R stand for in MICR?

(a) Recognition
(b) Reader
(c) Route
(d) Request

Q84. Megasthenes was an ambassador who was sent to the court of ___ by the ____ ruler.

(a) Chandragupta Maurya, Greek
(b) Babur, Greek
(c) Shah Jahan, Chinese
(d) Sikandar Lodhi, Chinese

Q85. A person is said to be in marginal employment if s/he has worked for fewer than _____ months in the year preceding the Census.

(a) 12
(b) 6
(c) 3
(d) 9

Q86. Which of the following Articles of the Indian Constitution provides protection of life and personal liberty ?

(a) Article 21
(b) Article 370
(c) Article 57
(d) Article 250

Q87. What is the length of the side-line in field hockey?

(a) 91.4 m
(b) 72.3 m
(c) 110.0 m
(d) 102.1 m

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Q88. Which of the following novels is authored by EM Forster?

(a) Invisible Man
(b) Don Quixote
(c) A passage to India
(d) Beloved

Q89. To which of the following classes do parrots belong?

(a) Mammalia
(b) Reptilia
(c) Aves
(d) Amphibia

Q90. Which of the following is a traditional masked dance of West Bengal?

(a) Kavadi
(b) Gidda
(c) Gambhira
(d) Jawara

Q91. The Lai Haraoba Festival is celebrated by the _____.

(a) Khasis
(b) Sumis
(c) Meitels
(d) Deoris

Q92. Who among the following was the first transgender Bharatanatyam dancer to receive Padma Shri in 2019?

(a) Naaz Joshi
(b) Laxmi Narayan Tripathi
(c) Manjamma Jogati
(d) Narthaki Nataraj

Q93. Which of the following is NOT a cause of unemployment in India?

(a) Slow economic growth
(b) Increase in labour force
(c) Lack of infrastructure development
(d) Lack of housing facilities

Q94. Who among the following was NOT one of Akbar's 'Navratna' (nine gems)?

(a) Raja Man Singh
(b) Abul Fazal
(c) Raja Todarmal
(d) Rana Amar Singh

Q95. Which Mughal monument was built by the Mughal emperor Aurangzeb in the memory of his wife, Dilras Banu Begum?

(a) Taj Mahal
(b) Bibi Tomb
(c) Rani Ki Vav
(d) Bibi Ka Maqbara

Q96. As on February 2022, who among the following was recently appointed as the UGC Chairman?

(a) M Jagadesh Kumar
(b) Rajiv Saran
(c) Jagjeevan Desai
(d) Ravindra Katoti

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Q97. Which of the following statements is correct regarding Simon commission?

I. In 1927, the British government in England decided to send a commission headed by Lord Simon to decide India's Political future.

II. The commission had no Indian representative.

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

Q98. Which team did Australia defeat in the final of ICC Men's T20 World Cup final played in November 2021?

(a) New Zealand
(b) England
(c) India
(d) Pakistan

Q99. The HVJ pipeline does NOT run through the state of _____.

(a) Rajasthan
(b) Gujarat
(c) Madhya Pradesh
(d) Karnataka

Q100. In March 2022, the _____ campaign was launched by Gajendra Singh Shekhawat, the Union Minister of Jal Shakti, for greywater management.

(a) Donate-a-Pension
(b) Sujalam 2.0
(c) SAMARTH
(d) Stand Up India

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
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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