SSC MTS Previous Year Paper (Held on: 13 July 2022 Shift 1)

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. Identify the number that does NOT belong to the following series.

30, 15, 15, 22.5, 46, 112.5

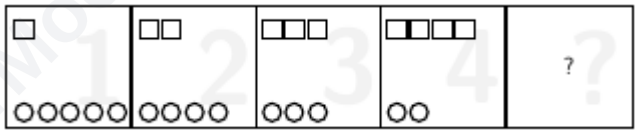
(a) 46

(b) 112.5

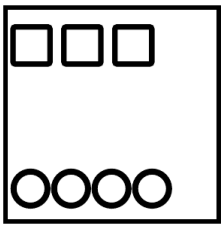
(c) 22.5

(d) 30

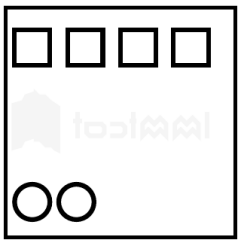
Q2. Select the figure from among the given options that can replace the question mark(?) in the following series.



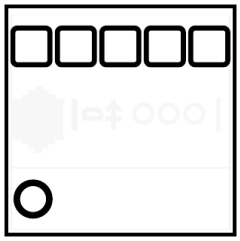
(a)



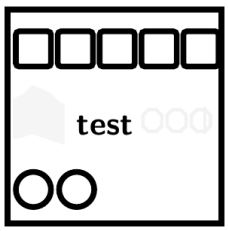
(b)



(c)



(d)

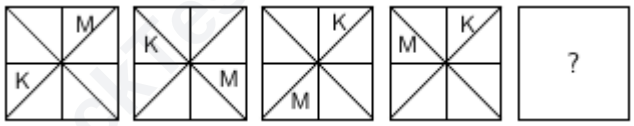


Q3. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

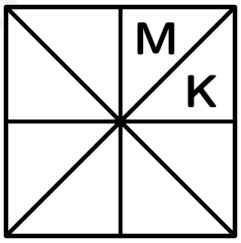
VOCAL : CVJHS :: TROOF : AYVVM :: RTAGE : ?

(a) YAHNM
(b) YAHML
(c) YAHNN
(d) YAHNL

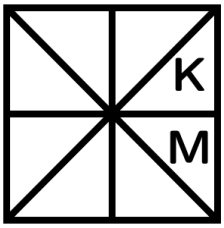
Q4. Select the figure from among the given options that can replace the question mark(?) in the following series.



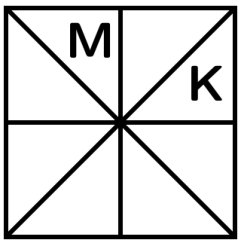
(a)



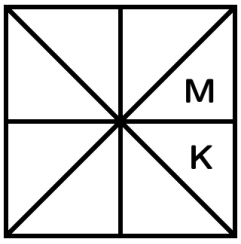
(b)



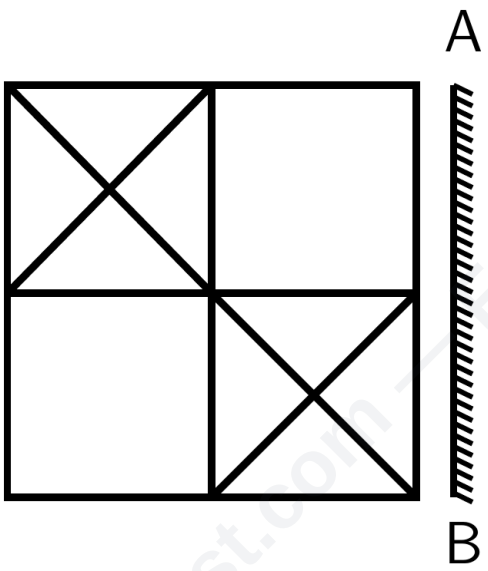
(c)



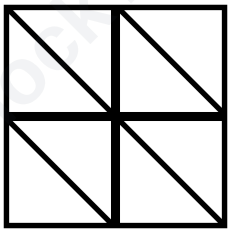
(d)



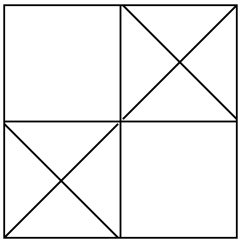
Q5. Select the correct mirror image of the given figure when the mirror is placed at line AB as shown.



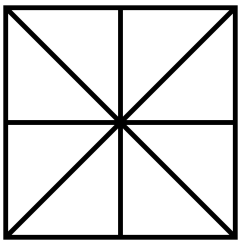
(a)



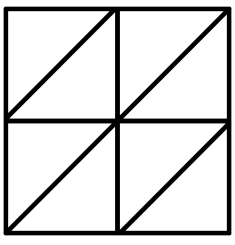
(b)



(c)



(d)



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Q6. If ‘White’ is called ‘Blue’, ‘Blue’ is called ‘Red’, ‘Red’ is called ‘Yellow’, Yellow' is called ‘Green’, ‘Green’ is called ‘Black’, ‘Black’ is called ‘Violet’, and ‘Violet’ is called ‘Orange’, then what would be the colour of human blood?

(a) Yellow
(b) Violet
(c) Red
(d) Green

Q7. Select the number from among the given options that can replace the question mark(?) in the following series.

632, 637, 644, 653, 664, ?

(a) 677
(b) 687
(c) 679
(d) 681

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:

Some mocks are exams.

Some exams are banks.

No bank is a local.

Conclusions:

I. Some mocks are local.

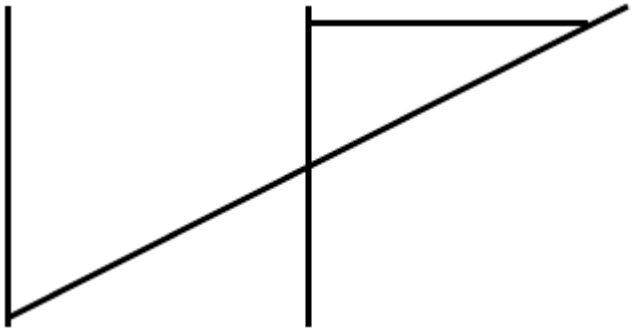
II. No mock is a local.

(a) Neither conclusion I nor II follows
(b) Only conclusion I follows
(c) Only conclusion II follows
(d) Either conclusion I or II follows

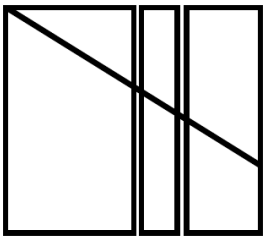
Q9. Four boys R, S, T and U are sitting in a row, facing towards the south (but not necessarily in the same order). Four girls A, B, C and D are sitting in a row, facing towards the face of these boys (but not necessarily in the same order). C and R are diagonally opposite to each other. A and S are diagonally opposite to each other. T is the immediate neighbour of R. D is the immediate neighbour of C. Who is facing D?

(a) S
(b) T
(c) U
(d) R

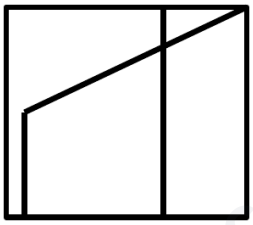
Q10. Select the option in which the given figure is embedded (rotation is NOT allowed).



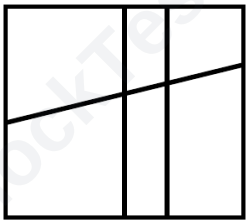
(a)



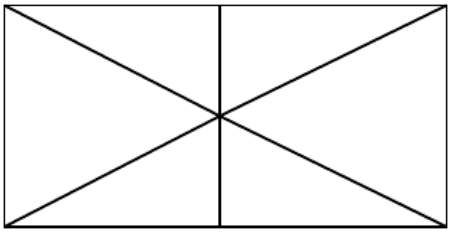
(b)



(c)



(d)



Q11. Which two numbers (not digits) need to be interchanged to make the given equation correct?

83 + 711 – 95 ÷ 9 × 2 = 20

(a) 9 and 2
(b) 711 and 95
(c) 95 and 83
(d) 2 and 83

Q12. 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.

THROW : XPSIU:: QUICK : LDJVR:: LIGHT:?

(a) UIHLM
(b) UIHJM
(c) UIHKM
(d) UIHJN

Q13. Select the option that is related to the third number in the same way as the second number is related to the first number and sixth number is related to the fifth number.

6 : 232 :: 8 : ? :: 10 : 1016

(a) 520
(b) 535
(c) 540

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(d) 528

Q14. The speeds of seven cars C1, C2, C3, C4, C5, C6 and C7 are compared. All cars have different speeds. The speed of C1 is more than only two cars. The speed of C6 is more than C4 and less than C5. The speeds of C2 and C3 are the highest and the lowest, respectively. The speed of C4 is more than C1. The speed of how many cars is less than C7?

(a) 5
(b) 2
(c) 4
(d) 1

Q15. 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.

123 : 616 :: 147 : 736 :: 211 : ?

(a) 1056
(b) 1046
(c) 996
(d) 1036

Q16. Select the letter-cluster that can replace the question mark (?) in the following series.

GOAL, IMCJ, KKEH, MIGF, ?

(a) OHID
(b) OGJD
(c) OGIC
(d) OGID

Q17. In a certain code language, '321' means 'cold filtered coffee', '653' means 'very cold day' and '985' means 'day and night'. What is the code for 'very' in the same language?

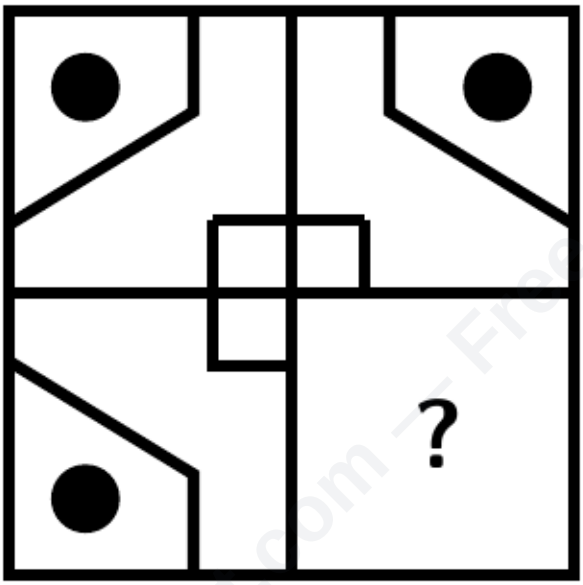
(a) 5
(b) 3
(c) 9
(d) 6

Q18. In a certain code language, ‘grapes are multi red’ is coded as ‘8 6 4 3’, ‘red people eat mango’ is coded as ‘7 4 5 2’ and ‘mango multi apple’ is coded as ‘3 5 0’. How will ‘red apple’ be coded in that language?

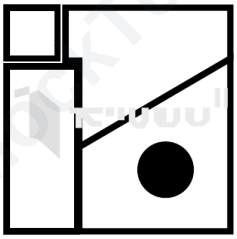
(a) 8 5
(b) 4 0
(c) 5 0
(d) 8 6

Q19. Select the figure from the options that can replace the question mark(?) and complete the pattern (rotation is not allowed).

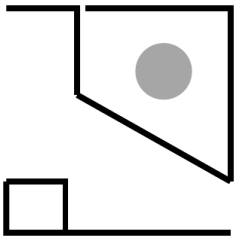
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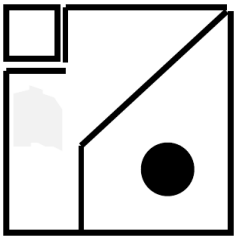
(a)



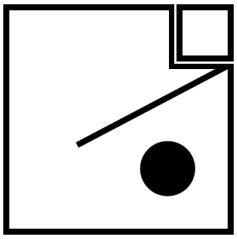
(b)



(c)



(d)



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Q20. After interchanging the given two signs and two numbers, what will be the value of the following expression?

÷ and +; 7 and 15

5 ÷ 35 + 15 × 6 – 7 = ?

(a) 40
(b) 30
(c) 20
(d) 10

Q21. Select the option that is related to the third word in the same way as the second word is related to the first word.

Canberra : Australia :: Doha : ?

(a) Qatar
(b) Iran
(c) Yemen
(d) Kuwait

Q22. 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 90s are 80s.

Some 90s are 40s.

All 80s are 70s.

Conclusions:

I. All 80s being 40s is a possibility.

II. Some 70s are not 90s.

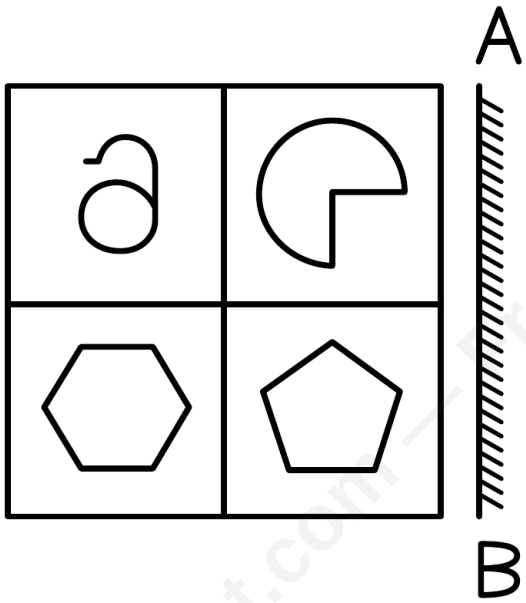
(a) Only conclusion II follows.
(b) Only conclusion I follows.
(c) Both conclusions I and II follow.
(d) Neither conclusion I nor II follow.

Q23. In a certain code language, 'DETAIL' is written as 'FCVYKJ' and 'HEALTH' is written as ‘JCCJVF’. How will 'MOTION' be written in that language?

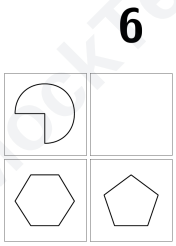
(a) OMVGPL
(b) OMVGQM
(c) OMVGQL
(d) OMVGRL

Q24. Select the correct mirror image of the given figure when the mirror is placed to its right side.

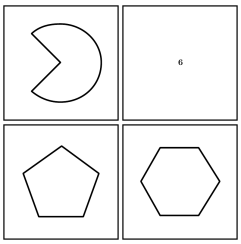
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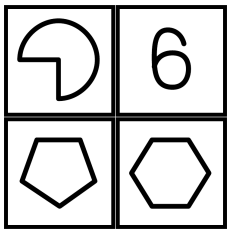
(a)



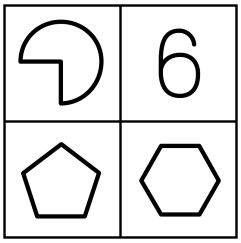
(b)



(c)



(d)



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Q25. Seven girls A, B, C, D, E, F and G are sitting around a circular table facing opposite the center (not necessarily in the same order). E is second to the right of A. C is the immediate neighbour of E. D is third to the right of C. B is the immediate neighbour of E and A. F is fourth to the right of A.

Which of the following statements is correct?

I. D is next to the right of G.

II. A is third to the left of B.

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

NUMERICAL APTITUDE

Q26. The average mark obtained in a test by three students is X. If the marks of a new student is also considered, then the average marks increases by 2. What is the marks secured by the new student in the test?

(a) X + 4
(b) X + 6
(c) X + 8
(d) X + 2

Q27. In a partnership business. A and B invested in the ration of 5 : 6. At the end of 8 months A withdrew his capital. If they shared the eventual profit in the ratio of 5 : 9, then what is the number of months for which B invested his capital?

(a) 6 months
(b) 10 months
(c) 12 months
(d) 11 months

Q28. During a journey a person travels half of the distance at a speed of 18 km/h and the remaining half of the journey at a speed of 22 km/h. What is his average speed for the entire journey?

(a) 21.4 km/h
(b) 20.2 km/h
(c) 19.2 km/h
(d) 19.8 km/h

Q29. D1 and D2 can do a piece of work together in 16 days. D2 and D3can do the same work together in 24 days, while D3 and D1 can do it together in 48 days. In how many days can all three, working together, do 5over6 of the work?

(a) 31over3 days
(b) 40over3 days
(c) 35over3 days
(d) 38over3 days

Q30. E% of 12.5% of 480 = 72. What is the value of E?

(a) 95
(b) 110
(c) 105
(d) 120

Q31. In a job, Z1, Z2 and Z3 work for 8, 10 and 15 days, respectively. The ratio of daily wages of Z1, Z2 and Z3 is 3 : 4 : 4, respectively. If they receive Rs. 4,960 as total wages for the work done, then combined share of Z2 and Z3 in the total wages received?

(a) Rs. 4,800
(b) Rs. 4,000
(c) Rs. 4,400

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(d) Rs. 4,200

Q32. The area of the base of a solid cone is 616 cm². If the height of the cone is 15 cm, then what is the volume of this cone?

(a) 2940 cm³
(b) 3440 cm³
(c) 3190 cm³
(d) 3080 cm³

Q33. What is the value of A, if A = [50 - 4 × 5 + {6 ÷ 3 - 1}]?

(a) 30
(b) 71
(c) 31
(d) 29

Q34. Study the given table and answer the question that follows.

The table below shows the percentage distribution of students from five different colleges in various disciplines.

DISCIPLINES	COLLEGES				
P	Q	R	S	T	
SCIENCE	25	35	45	28	35
ECONOMICS	45	40	15	42	25
MATHEMATICS	30	25	40	30	40
TOTAL NUMBER OF STUDENTS	8000	10000	15000	9000	11000

Students from the discipline of mathematics in colleges P and R taken together is what percentage of the total number of students in colleges P and R taken together? [Give your answer correct to one decimal place]

(a) 36.9%
(b) 36.5%
(c) 37.2%
(d) 37.5%

Q35. A boat can travel 5 km upstream in 15 minutes. If ratio of the speed of the boat in still water to the speed of the stream is 6 : 1, then how much time will the boat take to cover 19.6 km downstream?

(a) 54 minutes
(b) 26 minutes
(c) 42 minutes
(d) 31 minutes

Q36. A retailer bought 50 kg of Arhar Dal at a discount of 20% Another 2 kg of Arhar dal was offered to him for free by the wholesaler on the purchase of 50 kg of the dal. If the retailer sells the entire quantity of the dal at the marked price to a customer, what is the profit percentage gained by the retailer?

(a) 30%
(b) 22%
(c) 12%
(d) 15%

Q37. There are 32 consecutive natural number. The average of the first 13 numbers is X. What is the average of the next 19 numbers?

(a) X + 15
(b) X + 16
(c) X + 17
(d) X + 18

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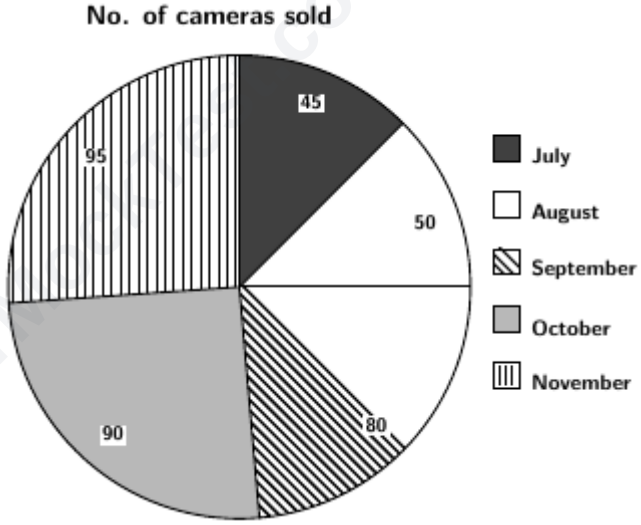
Q38. The ratio of two number is 3 : 7. The sum of the two numbers is 180. What is the positive difference between the two numbers?

(a) 80
(b) 72
(c) 85
(d) 78

Q39. What is the LCM of two numbers, whose product is 432 and HCF is 6?

(a) 68
(b) 48
(c) 78
(d) 72

Q40. The following pie chart gives the central angles of the sectors representing the number of cameras sold by a shop from July to November in a certain year.



What percentage are the sales in July of the total sales from July to November?

(a) 25%
(b) 50%
(c) 12.5%
(d) 20%

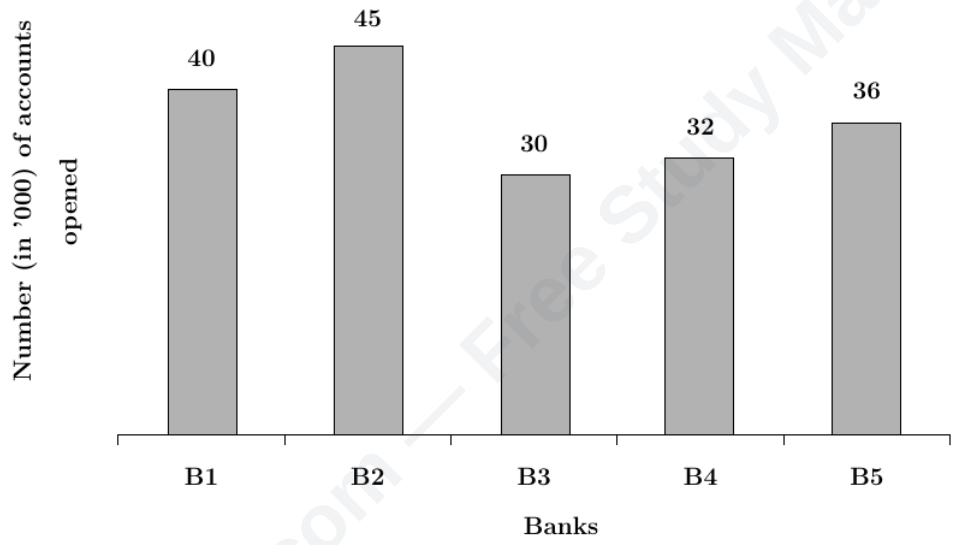
Q41. The compound interest on Rs. 20,000 at 5% per annum, compounded annually, is Rs. 2,050. What is the time period?

(a) 2.5 years
(b) 2 years
(c) 4 years
(d) 3 years

Q42. What is the value of 7over8 + 8over11 of [33over16 - 5over12 + (6over11 - 5over12 + 7over22)] ?

(a) 6871over3605
(b) 6805over2987
(c) 6907over3971
(d) 6961over2904

Q43. The following bar chart shows the number of accounts (in '00) opened in a month by 5 banks.



The average money in each account of B1, B3 and B5 is Rs. 500. The average money in each account of B2 and B4 is Rs. 1,000. How much money is there in all the accounts that have been opened during the given month, in all the 5 banks, taken together?

(a) Rs. 1,30,00,000
(b) Rs. 1,20,00,000
(c) Rs. 1,25,00,000
(d) Rs. 1,45,00,000

Q44. If the cost price of 15 pencils is equal to the selling price of 10 pencils, what is the gain or loss percentage?

(a) 20% gain
(b) 30% loss
(c) 50% gain
(d) 40% loss

Q45. Sandeep buys a toy car for Rs. 500 and sells it for Rs. 625. What is his gain or loss percentage?

(a) 20% gain
(b) 20% loss
(c) 25% gain
(d) 25% loss

Q46. If the rate of interest is 4% for the first year, 5% for the second year and 6% for the third year, then compound interest on Rs. 10,000 for 3 years, if interest is compounded annually?

(a) Rs. 1,580.25
(b) Rs. 1,575.20
(c) Rs. 1,500.00
(d) Rs. 1,570.50

Q47. Anjali decided to spend 45% of her salary on shopping. On completion of her shopping, she realised that she had spent only Rs. 11,475, which was 60% of what she had decided to spend. How much is Anjali's salary?

(a) Rs. 40,800
(b) Rs. 29,600
(c) Rs. 38,400
(d) Rs. 42,500

Q48. The largest possible right circular cylinder is cut out from a wooden cube of edge 7 cm. Find the volume of the cube left over after cutting the cylinder (in cm). (use π = 22over7)

(a) 73.5
(b) 63.5
(c) 87.5

(d) 67.5

Q49. Two beakers contain acid and water in the ratio 2 : 3 and 3 : 4 respectively. If equal volumes of the mixtures from these two beakers are poured into a common beaker, find the resultant ration of acid to water in the mixture in the common beaker.

(a) 7 : 5
(b) 21 : 29
(c) 5 : 7
(d) 29 : 41

Q50. The radius of a circular wheel of a toy car is 56 mm. In how many revolutions can it cover a distance of 176 cm? [Use π = 22over7]

(a) 6
(b) 3
(c) 5
(d) 4

GENERAL ENGLISH

Q51. 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.

The mountain lion is / one of the slyest and more / elusive animals in the woods.

(a) one of the slyest and more
(b) No error
(c) The mountain lion is
(d) elusive animals in the woods.

Q52. Select the correctly spelt word.

(a) Envisaige
(b) Psychologist
(c) Emergense
(d) Trancition

Q53. Select the most appropriate ANTONYM of the given word.

Overrun

(a) Surrender
(b) Inundate
(c) Storm
(d) Invade

Q54. Select the most appropriate option to fill in the blank.

Many people may not find the rewards _____ with the time and effort required.

(a) insignificant
(b) gleeful
(c) cautious
(d) commensurate

Q55. Select the most appropriate option to fill in the blank.

If we don't reverse course now, will anyone take anything we say about justice and _____ with any seriousness for decades to come?

(a) righteousness
(b) mediation
(c) wickedness
(d) dishonesty

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Q56. Select the most appropriate meaning of the underlined idiom in the given sentence.

He is foaming at the mouth about the committee's decision.

(a) To be enraged and show it
(b) to cause damage to someone
(c) to not recognize something good
(d) to be upset about something that happened in the past

Q57. Select the correctly spelt word.

(a) Disstract
(b) Destarct
(c) Distract
(d) Distarct

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

Probe

(a) Search
(b) Motivate
(c) Invite
(d) Push

Q59. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

You are looking so pretty on these black outfit.

(a) pretty in this
(b) No improvement required
(c) prettier in these
(d) prettiest with those

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

He is the patient _____ called you in the morning.

(a) which
(b) whom
(c) who
(d) that

Q61. 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.

They finally did what / we advice them to do / before the final match.

(a) we advice them to do
(b) before the final match
(c) They finally did what
(d) No error

Q62. Select the option that can be used as a one-word substitute for the given group of words.

Made in imitation so as to be passed off fraudulently as genuine

(a) Counterfeit
(b) Staunch
(c) Authentic
(d) Deliberate

Q63. Select the most appropriate option to fill in the blank.

Many people like playing cricket, but _____ my opinion, it is too chaotic.

(a) in
(b) from

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(c) for
(d) with

Q64. Select the most appropriate ANTONYM of the given word.

Impure

(a) Contaminated
(b) Segregated
(c) Sterile
(d) Concentrated

Q65. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

If you plant a seed, / you will be noticed / that it takes some / time to grow.

(a) that it takes some
(b) If you plant a seed
(c) you will be noticed
(d) time to grow

Q66. Select the most appropriate meaning of the given idiom.

Back on one’s feet

(a) To support the losing side
(b) Relive previous moments
(c) Well or successful again
(d) Forced to begin something again

Q67. Select the most appropriate option to fill in the blank.

This cruise ship _____ in November and December.

(a) sails
(b) sells
(c) sales
(d) seals

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

If you want to save your money, start living an _____ life.

(a) improper
(b) economical
(c) extravagant
(d) indulgent

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

Clandestine

(a) Blatant
(b) Ornate
(c) Open
(d) Undercover

Q70. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

In India, processed foods becomes popular in the 20^(th) century.

(a) became popular in
(b) become popularity in
(c) No improvement required
(d) become popular at

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Directions

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

The Ministry of Defence has (1) ____ the formal Government Sanction Letter (2) __grant of permanent commission (PC) to women officers in the Army. “In anticipation, the Army Headquarters had (3) __ in motion a series of preparatory actions for conduct of the Permanent Commission Selection Board for affected women officers. The Selection Board will be scheduled as (4) __ as all affected Short Service Commissioned (SSC) women officers exercise their option and complete (5) ____ documentation,” the Army said in a statement.

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

(a) imbibed
(b) accused
(c) extracted
(d) issued

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

(a) since
(b) from
(c) for
(d) to

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

(a) deposited
(b) set
(c) located
(d) situated

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

(a) soon
(b) late
(c) long
(d) blind

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

(a) unnecessary
(b) optional
(c) gratuitous
(d) requisite

GENERAL AWARENESS

Q76. ‘The Kiss of Life’ is the autobiography of who among the following persons?

(a) Sanjay Suri
(b) John Abraham
(c) Dino Morea
(d) Emraan Hashmi

Q77. In which state of India is Bhogali Bihu festival celebrated?

(a) Assam
(b) Andhra Pradesh
(c) Rajasthan
(d) Tamil Nadu

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Q78. Paika is a martial folk dance popular in which of the following states?

(a) Kerala
(b) Andhra Pradesh
(c) Gujarat
(d) Odisha

Q79. Who is the author of the book ‘Pride, Prejudice, and Punditry’?

(a) Manish Sisosdia
(b) Pranab Mukherjee
(c) Amitav Ghosh
(d) Shashi Tharoor

Q80. Which of the following statements is INCORRECT?

(a) A post-anal tail is present in Chordates.
(b) Mollusca is the largest animal phylum.
(c) Ctenophores are commonly known as sea walnuts.
(d) Locust is an example of Arthropoda.

Q81. Which of the following teams won the Ranji trophy for the year 2019-20?

(a) Mumbai
(b) Bengal
(c) Baroda
(d) Saurashtra

Q82. At the beginning of November, the depression condition shifted over the Bay of Bengal. The transfer relates to a cyclical asset that generates rain above _____.

(a) Andaman Sea
(b) Japan sea
(c) Caspian Sea
(d) Pacific Ocean

Q83. In which of the following years was the Preamble of the Indian Constitution first amended?

(a) 1968
(b) 1955
(c) 1976
(d) 1988

Q84. The Lion Capital was built to commemorate the historical event of _____ of Buddha.

(a) Renunciation
(b) Enlightenment
(c) His death or Parinirvana
(d) First sermon

Q85. Which of the following rivers is also known as 'Bhagirathi' at the place of its origin?

(a) Brahmaputra
(b) Yamuna
(c) Indus
(d) Ganga

Q86. Which of the following railway zones has recently completed 100% electrification of its entire route?

(a) South Central Railway
(b) Konkan Railway
(c) Harbour Railway
(d) North Eastern Railway

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Q87. Who of the following founded the Atmiya Samaj?

(a) Swami Vivekananda
(b) Bhimrao Ramji Ambedkar
(c) Raja Ram Mohan Roy
(d) Dayananda Saraswati

Q88. Aparna Satheesan, who won the prestigious National Nritya Shiromani Award 2022, is associated with which of the following dance forms?

(a) Sattriya
(b) Kuchipudi
(c) Mohiniattam
(d) Kathak

Q89. _____ is a motion moved by a member to cut short the debate on a matter before the House.

(a) Closure
(b) No-Confidence
(c) Privilege
(d) Censure

Q90. The Battle of Khanwa was fought between:

(a) Babur and Ibrahim Lodi
(b) Babur and Rana Sangha
(c) Sher Shah Suri and Rana Sangha
(d) Babur and Sher Shah Suri

Q91. Which of the following is the oldest Veda?

(a) Rigveda
(b) Atharvaveda
(c) Samaveda
(d) Yajurveda

Q92. Which of the statements given below is correct?

I. Deforestation reduces the amount of CO_2 in the air.
II. Carbon dioxide (CO_2) gets fixed and does not diffuse into the air.

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

Q93. Who became the first Governor–General of Bengal in 1773?

(a) Robert Clive
(b) Warren Hastings
(c) Thomas Munro
(d) Charles Cornwallis

Q94. Which of the following is NOT an institutional factor for agriculture?

(a) Land reforms
(b) Electricity
(c) Size of fields
(d) Land tenure

Q95. As per the 2011 census, which of the following states of India has the least population?

(a) Sikkim
(b) Bihar
(c) Kerala

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(d) Chhattisgarh

Q96. Pandit Ram Narayan was associated with which musical instrument?

(a) Flute
(b) Sarod
(c) Sarangi
(d) Guitar

Q97. Which of the following is an example of emulsion?

(a) Milk
(b) Mist
(c) Gemstone
(d) Clouds

Q98. India won the bronze medal (the only one won by India) in which team sports at the Tokyo Olympics 2020?

(a) Basketball
(b) Field hockey
(c) Badminton
(d) Table tennis

Q99. _____ won the women's singles title at the Swiss Open Super 300 badminton tournament 2022.

(a) PV Sindhu
(b) Kirsty Gilmour
(c) Ashmita Chaliha
(d) Busanan Ongbamrungphan

Q100. According to the census 2011, the second highest populated metro in India is:

(a) Bengaluru
(b) Chennai
(c) Delhi
(d) Mumbai

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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