SSC MTS (2022) Official Paper (Held On: 08 May 2023 Shift 3) (Previous Year Paper)

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

Take this paper as a timed mock test

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SESSION 1

Q1. What is the value of 192/64× (47/94+42/84)+182/14?

(a) 16
(b) 8
(c) 23
(d) 14

Q2. A man covers half part of a certain distance at 25 km/hr. He covers 40 percent of remaining distance at the speed of 8 km/hr and covers rest of the distance at the speed of 18 km/hr. What is his average speed for the entire journey?

(a) (600/37) km/hr
(b) (480/37) km/hr
(c) (650/37) km/hr
(d) (540/37) km/hr

Q3. Salaries of Ankur and Ankit are in the ratio 3 : 2. If the salaries of each is decreased by Rs. 2500, the new ratio becomes 8 : 5. What is the sum of their salaries?

(a) Rs. 37500
(b) Rs. 28500
(c) Rs. 12500
(d) Rs. 7500

Q4. A man alone can paint a house in 9 day and a woman alone can paint the house in 18 days. If 3 men and 3 women worked together. then in how many day they will paint the house?

(a) 4 days
(b) 3 days
(c) 6 days
(d) 2 days

Q5. When a laptop is sold at Rs. 55,000, a person earns a 25% gain. Find the cost price of the laptop.

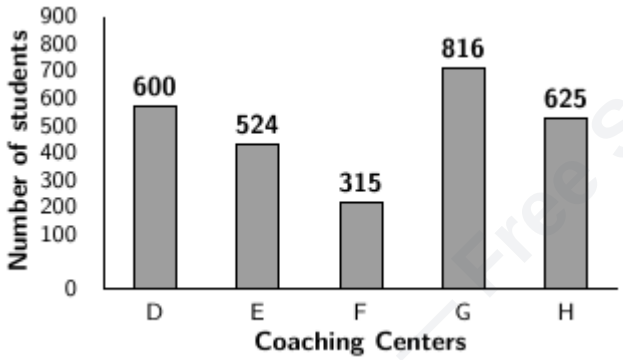
(a) Rs. 30,000
(b) Rs. 45,000
(c) Rs. 44,000
(d) Rs. 33,000

Q6. 48 is how much percent of 84?

(a) 400/7%
(b) 100/11%
(c) 103/17%
(d) 51/7%

Q7. The following bar graph shows the number of students in five different coaching centers.

In how many coaching centers the number of students is more than the average number of students of these centers?



(a) 3
(b) 2
(c) 1
(d) 4

Q8. The radius of the base of a conical tent is 8 m and its height is 15 m, what is the cost of the material needed to make it if it costs Rs. 54 per π m²?

(a) Rs. 7454
(b) Rs. 8678
(c) Rs. 7344
(d) Rs. 6454

Q9. A truck covers a distance of 540 km at a certain speed in 9 hours. How much time would a car take at an average speed which is 16 km/hr more than that of the speed of the truck to cover a distance which is 68 km more than that travelled by the truck?

(a) 6 hours
(b) 12 hours
(c) 10 hours
(d) 8 hours

Q10. The fourth proportional to 3.6, 4.2 and 5.4 is:

(a) 1.2
(b) 7.2
(c) 6.3
(d) 1.4

Q11. After getting a discount of 8%, Rashmi bought a cycle for Rs. 7912. What was the original price of the cycle?

(a) Rs. 8800
(b) Rs. 9200
(c) Rs. 7800
(d) Rs. 8600

Q12. The value of 100 ÷ (10 + 12 - 2 × 6) is;

(a) 12
(b) 88
(c) 10
(d) 100

Q13. A mobile phone bought for Rs. 25000. The value of that mobile phone depreciates by 5% per annum due to its use. The value of the mobile phone after 2 years is:

(a) Rs. 22562.50
(b) Rs. 23842.50

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(c) Rs. 24800.50
(d) Rs. 21546.50

Q14. Given table shows the number of jobs held by boys over 7 different cities. In which of these city jobs held by boys is minimum?

Cities	Jobs
Delhi	230
Mumbai	420
Raipur	340
Kolkata	245
Pune	654
Bhopal	234
Kanpur	321

(a) Delhi
(b) Pune
(c) Mumbai
(d) Raipur

Q15. A1, A2 and A3 alone can complete a piece of work in 12 hour, 24 hours and 16 hours respectively. Working together, in how much time they will complete the same work?
(a) 5 hours 20 minutes
(b) 3 hours 30 minutes
(c) 4 hours 20 minutes
(d) 5 hours 30 minutes

Q16. A boy buys candies at 6 for a rupee. How many candies should he sell for a rupee to earn a profit of 20%?
(a) 7
(b) 4
(c) 5
(d) 3

Q17. Rs. 20000 is lent at compound interest at an annual rate of 16 percent for 1 year. If the compounding of interest is done half yearly. then how much interest will be obtained?
(a) Rs. 3328
(b) Rs. 3224
(c) Rs. 3396
(d) Rs. 3180

Q18. Solve: {(42/7) × 6}{45 × 6 + 65}[63/7] - 76
(a) 10987
(b) 10876
(c) 10998
(d) 108464

Q19. The average of five consecutive odd numbers is 37. What is the sum of the highest and the lowest number?
(a) 41
(b) 8
(c) 66
(d) 74

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Q20. What is the area of a triangle whose base is 120 cm and the corresponding height is 35 cm?

(a) 2010 cm^2
(b) 2100 cm^2
(c) 2630 cm^2
(d) 2120 cm^2

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

83 : 161 :: 71 : ?

(a) 149
(b) 150
(c) 210
(d) 232

Q22. Which of the following numbers will replace the question mark (?) in the given series?

5, 10, 30, 60, 180, 360, 1080, ?

(a) 2610
(b) 2400
(c) 3240
(d) 2160

Q23. Which of the following letter will replace the question mark (?) in the given series?

C, E, G, I, K, M, O, ?

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

Q24. In a certain code language, 'WATCH' is written as '5B2D8'. How will 'HEAR' be written in that language?

(a) 8F2S
(b) 1SF8
(c) F8S1
(d) 8F1S

Q25. Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All gold are silver.

All silver are brass.

All brass are copper.

Conclusions:

I. All gold are copper.

II. All silver are copper.

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

Q26. Six colleagues X, Y, Z, A, B, and C are sitting in a row facing south. Z is to the immediate right of C who is sitting at one of the ends. A sits third to the right of B. X does not sit adjacent to B. Who sits to the immediate left of A?

(a) C
(b) Z
(c) Y

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(d) X

Q27. By Interchanging the given two numbers which of the following equation will be correct?

7 and 8

I. 5 × 7 + 6 ÷ 2 - 8 = 36

II. 8 + 3 × 7 - 5 ÷ 1 = 26

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

Q28. In a certain code language, ‘PLANET’ is coded as 'RCLYJN’. What is the code for 'MODELS' in that code language?

(a) QJCBMK
(b) QJCBNK
(c) QJCCCM
(d) QJCBML

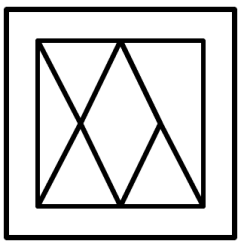
Q29. In a certain code language, 'SEARCH' is written as 'ACEHRS'. How will 'IMPORT' be written in that language?

(a) IMOPTR
(b) IMPORT
(c) IMOPRT
(d) EXPORT

Q30. Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).

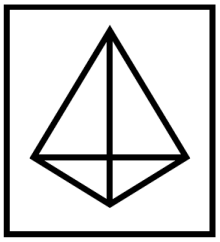


(a)

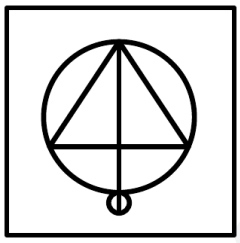


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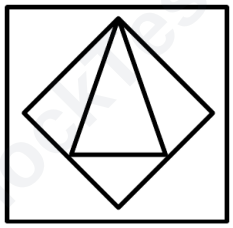
(b)



(c)



(d)



Q31. Select the option that is related to the third word in the same way as the second word is related to the first word.

Trivial : Insignificant :: Veteran : ?

(a) Fool
(b) Experienced
(c) Funny
(d) Inexperienced

Q32. Which of the following numbers will replace the question mark (?) in the given series?

63, 50, 49, 42, 35, 28, ?

(a) 35
(b) 21
(c) 14
(d) 22

Q33. 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.

HOME : 8N13D :: BALL : ?

(a) 2Z21M
(b) 4Z14
(c) 12MZ2
(d) 2Z12K

Q34. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 26, 35, 44

Second row- 47, 56, 65

Third row- 15, 24, ?

(a) 35
(b) 33
(c) 19

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(d) 22

Q35. Which two numbers should be interchanged to make the given equation correct?

7 × 3 - 98 ÷ 14 + 5 = 31

(a) 5 and 3
(b) 31 and 7
(c) 3 and 14
(d) 7 and 98

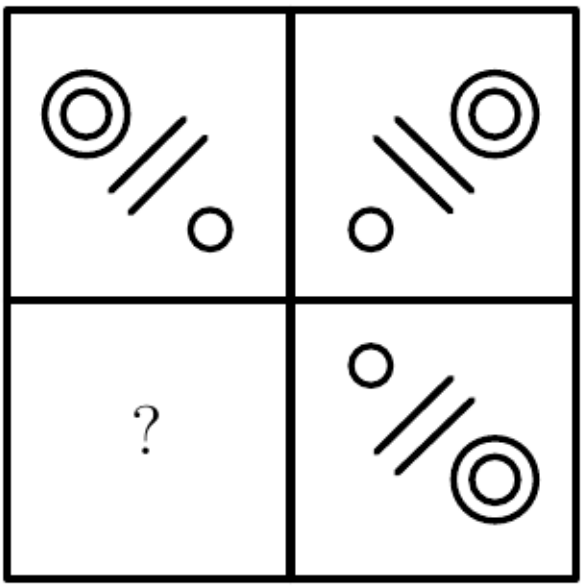
Q36. Seven colleagues P, A, R, S, T, U and V's contribution to a farewell party is given. No two colleagues contributed the same amount. V contributed more than P who contributed more than A. R and T contributed the maximum and minimum amount but not necessarily in the same order. U's contribution was less than only R. S's contribution was more than only one person. Whose contribution was the third highest?

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

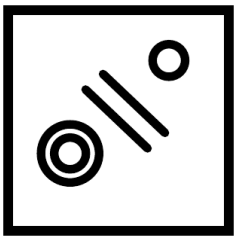
Q37. Eight professors of a college namely, X, Y, Z, A, B, C, D and E are sitting around a square table in such a way that four of them sit at four corners of the table while the other four sit in the middle of each of the four sides facing each other. C sits to the immediate right of A who faces Z. E sits opposite to X who sits to the immediate right of Y. B sits to the immediate left of Y and opposite to C. Who among the following faces Y?

(a) Z
(b) A
(c) D
(d) C

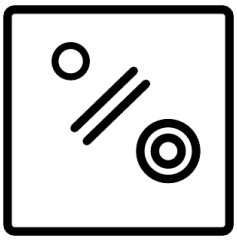
Q38. Select the option figure that will replace the question mark (?) in the figure below to complete the pattern (Rotation is not allowed).



(a)



(b)



(c)



(d)



Q39. Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some songs are short.

Some short are good.

Conclusions:

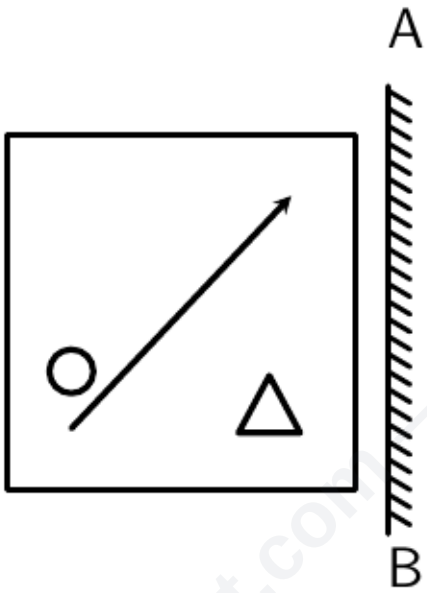
I. Some songs are good.

II. Some short not being good is a possibility.

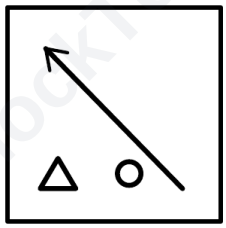
(a) Neither conclusion I nor II follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Only conclusion I follows

Q40. Select the correct mirror image of the given figure when the mirror AB is placed to the right side of the figure.

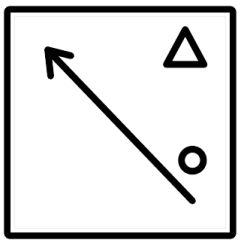
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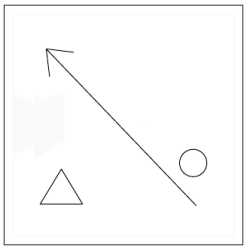
(a)



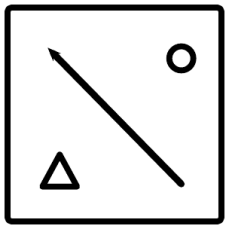
(b)



(c)



(d)



SESSION 2

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Q41. Who among the following was the founder of the Khilji Dynasty?

(a) Alauddin Khilji
(b) Nasiruddin Khusrau Shah
(c) Qutbuddin Mubarak Shah
(d) Jalal-ud-din Firoz Khilji

Q42. The High court of Delhi was established in _____.

(a) 1951
(b) 1966
(c) 1947
(d) 1962

Q43. In which year was the 5G telecommunications technology launched in India?

(a) 2019
(b) 2017
(c) 2014
(d) 2022

Q44. _____ is a festival of sowing seeds in the field. It is a major festival celebrated in Jharkhand.

(a) Bandana
(b) Jawa
(c) Rohini
(d) Karam

Q45. The Department of Pharmaceuticals has given 'in-principle' approval to the proposals to set up bulk drug parks in three states- Himachal Pradesh, Gujarat and _____ under the scheme of "Promotion of Bulk Drug Parks".

(a) West Bengal
(b) Madhya Pradesh
(c) Uttar Pradesh
(d) Andhra Pradesh

Q46. Governor general Lord Dalhousie described the Kingdom of _____“ as a cherry that will drop into our mouth one day”.

(a) Awadh
(b) Mysore
(c) Ahom
(d) Maratha

Q47. Which among the following book was NOT written by King Harshavardhana?

(a) Priyadarsika
(b) Amuktamalayada
(c) Nagananda
(d) Ratnavali

Q48. Which law of economics state "Bad money drives out good money"?

(a) Ohm's Law
(b) Gauss's Law
(c) Gresham's Law
(d) Baxter's Law

Q49. When did Mahatma Gandhi founded the All India Harijan Sevak Sangh?

(a) 1928
(b) 1920
(c) 1932
(d) 1936

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Q50. The feature of Directive Principles of State Policy in the Indian Constitution is borrowed from the _____ Constitution

(a) Irish
(b) French
(c) Canadian
(d) British

Q51. 'Galpaguchchha', written by Rabindranath Tagore is a collection of _____.

(a) devotional songs
(b) English shayaris
(c) short stories
(d) poems

Q52. Which among the following is not an example of Thallophyta?

(a) Cladophora
(b) Spirogyra
(c) Chara
(d) Marchantia

Q53. Bhimsen Joshi was one of the greatest Indian vocalists from _____, in the Hindustani classical tradition.

(a) Maharashtra
(b) Tamil Nadu
(c) Karnataka
(d) Kerala

Q54. The International Cricket Council (ICC) Women's Cricket World Cup 2022 was hosted by _____ in March and April 2022.

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

Q55. Which among the following is India's first Human spaceflight programme?

(a) Chandrayaan - 1
(b) Shukrayaan
(c) Mangalyaan
(d) Gaganyaan

Q56. The ancient name of which of the following rivers is Vipasha?

(a) Sutlej
(b) Ravi
(c) Chenab
(d) Beas

Q57. Who among the following won the most number of Grand Slam Tournaments in Men's Tennis Singles as of 25th October 2022?

(a) Pete Sampras
(b) Rafael Nadal
(c) Novak Djokovic
(d) Roger Federer

Q58. Which among the following dances is also known as Ekaharya, where one dancer takes on many roles in a single performance?

(a) Kathakali
(b) Kathak

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(c) Bharatnatyam
(d) Kuchipudi

Q59. Lok Sabha has a fixed term of _____ years and can be dissolved by the President at any time.
(a) 5
(b) 12
(c) 8
(d) 10

Q60. According to 2011 Census, which among the following states has the highest literacy rate?
(a) Karnataka
(b) Kerala
(c) Maharashtra
(d) Tamil Nadu

Q61. _____ is the heaviest naturally occuring element of Periodic Table with an atomic weight of 238.
(a) Mercury
(b) Xenon
(c) Helium
(d) Uranium

Q62. According to Census 2011, which among the following is the least populous Union territory in India?
(a) Lakshadweep
(b) Daman and Diu
(c) Dadra and Nagar Haveli
(d) Chandigarh

Q63. Which famous Indian Kathak dancer received the Padma Vibhushan, India's second highest civilian award, in 1986?
(a) Birju Maharaj
(b) Manjari Chaturvedi
(c) Mallika Sarabhai
(d) Madhavi Mudgal

Q64. The Blackbuck National Park is located in _____
(a) Haryana
(b) Gujarat
(c) Sikkim
(d) Madhya Pradesh

Q65. Which of the following cities was the first planned city of the Mughals?
(a) Fatehpur Sikri
(b) Lucknow
(c) Lahore
(d) Mirzapur

Q66. Choose the sentence with no spelling error.
(a) After a long moment, she shook her head.
(b) After a long momant, she shock her head.
(c) After a long moment, she shuok her head.
(d) After a long momment, she shook her head.

Q67. Select the most appropriate antonym of the given word.
Analogous
(a) Dissimilar
(b) Matching

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(c) Puzzle
(d) Straight

Q68. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To have a foot in the grave

(a) To be near death
(b) To trip somebody over
(c) To take risks
(d) To hire a contract killer

Q69. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Methanol is released from pectin, and is therefore many abundant in fermented fruit.

(a) and is therefore many
(b) No error
(c) Methanol is released from pectin,
(d) abundant in fermented fruit.

Q70. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

When there is not _____ to eat, people starve to death.

(a) Some
(b) any
(c) enough
(d) a few

Q71. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The most worrying aspect of climate change is the effect it has on the world's food supply.

(a) A worried aspects
(b) The most worrying aspects
(c) No improvement
(d) A most worry aspect

Q72. Choose the word that can substitute the given group of words.

The editor of a dictionary

(a) Scenographer
(b) Stenographer
(c) Lexicographer
(d) Hagiographer

Q73. Identify the segment that contains a grammatical error. If there is no error, select No error',

Never put of / until tomorrow what / you can do today.

(a) you can do today.
(b) No error
(c) Never put of
(d) until tomorrow what

Q74. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To have the heart of stone

(a) To be fearless
(b) Not being able to make a decision
(c) To feel no pity
(d) To have a hidden agenda

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

In 1971, he was awarded the silver _____ of the Society of Arts, London.

(a) medieval
(b) meddle
(c) medal
(d) metal

Q76. Choose the word that means the same as the given word.

Impede

(a) Stalwart
(b) Stampede
(c) Sore
(d) Thwart

Q77. Select the most appropriate synonym of the underlined word.

It was a distraction.

(a) faith
(b) confusion
(c) conviction
(d) assurance

Q78. Select the incorrectly spelled word.

(a) Juorney
(b) Energetic
(c) Helpful
(d) Possible

Q79. Select the most appropriate option to substitute the bracketed segment in the given sentence. If there is no need to substitute it, select 'no substitution required'.

Chia is currently pursuing a (master's in developmental studies in Netherlands).

(a) No substitution required
(b) master's in developmental studies at Netherlands.
(c) master's in developmental studies in the Netherlands.
(d) masters' in developmental studies in the Netherlands.

Q80. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

I always try to _____ chocolates for you.

(a) brought
(b) bought
(c) bringing
(d) bring

Q81. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

India is already the third-largest aviation market in terms of domestic travel.

(a) No error
(b) India is already the third-largest
(c) aviation market in
(d) terms of domestic travel.

Q82. Choose the word that can substitute the given group of words.

A person appointed by two parties to solve a problem

(a) Jury
(b) Advocate
(c) Arbitrator

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(d) Judge

Q83. Improve the underlined part of the sentence. Choose 'No Improvement' as an answer If the sentence is grammatically correct.

They selling postage stamps at the corner store.

(a) sold postal stamped
(b) sells postage stamps
(c) sell postage stamps
(d) No improvement

Q84. Select the appropriate antonym for the underlined word.

Amenorrhea can cause a range of issues, including infertility.

(a) stance
(b) fecund
(c) sterile
(d) barrenness

Q85. Direction: Select the most appropriate option to fill in the blank.

I enjoy finding ways to make the most of my budget by being _____.

(a) lethargic
(b) miser
(c) frugal
(d) gloomy

Directions

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Although the (1) _____ in the Supreme Court arise out of the judgments or orders made by the Subordinate Courts including the High Courts, but of late the Supreme Court has started entertaining (2) ____ in which interest of the public at large is involved and the Court can be moved by any (3) ___ or group of persons either by filing a Writ Petition at the Filing Counter of the Court or by (4) __ a letter to Hon'ble the Chief Justice of India highlighting the question of public importance for (5) _____ this jurisdiction.

Q86. Select the most appropriate option to fill in blank number 1.

(a) arrangement
(b) punctuality
(c) proceedings
(d) battles

Q87. Select the most appropriate option to fill in blank number 2.

(a) tangents
(b) jams
(c) means
(d) matters

Q88. Select the most appropriate option to fill in blank number 3.

(a) individual
(b) fauna
(c) personnel
(d) species

Q89. Select the most appropriate option to fill in blank number 4.

(a) calculating
(b) Tagging
(c) Summoning
(d) addressing

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Q90. Select the most appropriate option to fill in blank number 5.

(a) Halting
(b) Rocking
(c) Joking
(d) Invoking

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

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