SSC MTS (2022) Official Paper (Held On: 15 May, 2023 Shift 3) (Previous Year Paper)

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

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

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SESSION 1

Q1. In a match, average of runs scored by 7 players is 63. If the runs scored by 6 players are 130, 42, 24, 53, 45 and 54, then how many runs did the 7^(th) player scored?

(a) 93
(b) 90
(c) 85
(d) 87

Q2. A dealer purchased a washing machine for Rs. 6400. After allowing a discount of 20% on its marked price, he still gains 30%. Find the marked price of the washing machine.

(a) Rs. 12,000
(b) Rs. 10,400
(c) Rs. 11,000
(d) Rs. 13,000

Q3. Two boats go downstream in a river at a speed of 35 km/hr and 25 km/hr. The speed of the stream is 4 km/hr. The distance between both boats initially is 60 km. In how much time will they meet if the boats are going downstream?

(a) 10 hours
(b) 13 hours
(c) 6 hours
(d) 8 hours

Q4. A train is moving at a uniform speed of 360 km/h. How far it will travel in 18 minutes?

(a) 108 km
(b) 160 km
(c) 180 km
(d) 200 km

Q5. A sum was lent for one year at the rate of 16 percent per annum on compound interest (compounding annually). If the compounding had been done half yearly, then the interest would have increased by Rs. 64. What was the sum lent?

(a) Rs. 10000
(b) Rs. 6000
(c) Rs. 14000
(d) Rs. 20000

Q6. what is the value of 126/39 ×(78/14 ÷ 13/91)-45/9 = ?

(a) 121
(b) 123
(c) 143
(d) 141

Q7. The average of 4 consecutive numbers is 35.5. find the highest number among these numbers.

(a) 37
(b) 36
(c) 40
(d) 39

Q8. A sum of Rs. 600 becomes Rs. 840 at simple interest in 4 years. In how many years will the sum of Rs. 1500 amounts to Rs. 2100 at the same rate of simple interest?

(a) 5 years
(b) 4 years
(c) 2 years
(d) 3 years

Q9. Successive discounts of 15% and 30% are equivalent to how much percent of a single discount?

(a) 52.8%
(b) 20.5%
(c) 33.33%
(d) 40.5%

Q10. 25 employees can finish work in 20 days. After how many days should 10 employees leave the job so that the work is finished in 30 days?

(a) 7 days
(b) 6 days
(c) 3 days
(d) 5 days

Q11. What is the value of 25 percent of 40 percent of (2/7) of 2100?

(a) 40
(b) 60
(c) 50
(d) 45

Q12. If the curved surface area of a solid cylinder is two-fifths of its total surface area, then what is the ratio of its diameter to its height?

(a) 2 : 5
(b) 1 : 2
(c) 2 : 3
(d) 3 : 1

Q13. The value of 1/8× [1/5 of 11/2 ÷{(15/3-18/6)}] is:

(a) 11/160
(b) 11/20
(c) 8/11
(d) 11/8

Q14. The value of 12 ÷ (1/2) + {(35 ÷ 7) of 40} + 20 - 15 of 10 is:

(a) 88
(b) 94
(c) 99
(d) 80

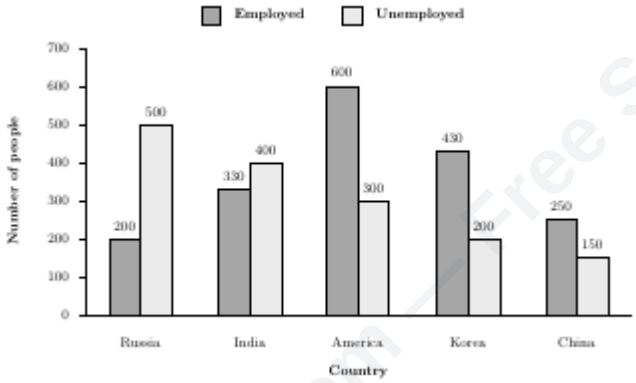
Q15. If the cost price of an article is 80 percent of its selling price, then what is the profit percentage?

(a) 50 percent
(b) 33.33 percent
(c) 25 percent

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(d) 30 percent

Q16. The bar graph shows the number of employed and unemployed people in 5 different countries. Find the ratio of unemployed people in India to employed people in Russia.



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

Q17. The following table shows the number of students from 4 different schools playing different games. What is the ratio of the total students who played Basketball in School A and C together to the total students who played Football in school B and D together?

Schools	**Games**				
Basketball	Football	Tennis	Cricket	Hockey	
A	125	75	28	100	22
B	90	50	12	50	13
C	145	80	45	70	40
D	100	40	20	45	55

(a) 4 : 5
(b) 2 : 5
(c) 3 : 1
(d) 2 : 3

Q18. A alone can paint a house in 35 days and B alone can do it in 70 days. Along with C, they did the job in 10 days only. In how many days C alone can do the job?

(a) 40 days
(b) 70/3 days
(c) 70/4 days
(d) 20 days

Q19. If the circumference of a circle is 13.2 cm, then what is its radius?

(a) 1.7 cm
(b) 6 cm
(c) 21 cm
(d) 2.1 cm

Q20. A earns in march twice as much as in each of the other months. What is the ratio of his earnings in march to the annual earnings?

(a) 2 : 13
(b) 3 : 8
(c) 4 : 9

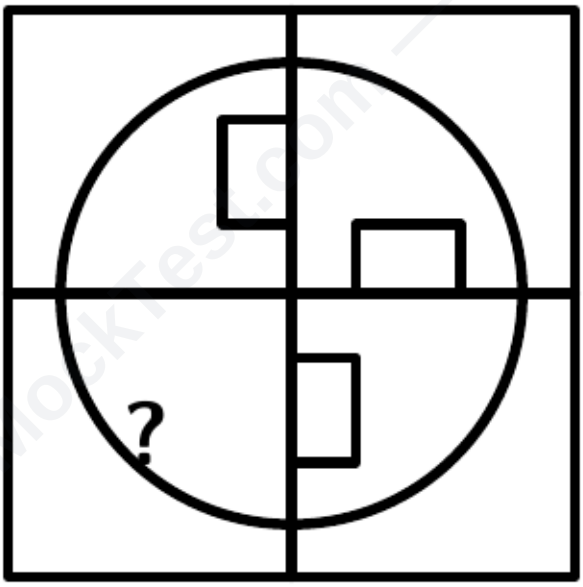
(d) 2 : 7

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.

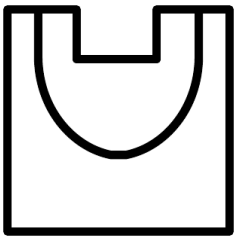
Refute : Approve :: Admire : ?

(a) Applaud
(b) Proud
(c) Appreciate
(d) Criticize

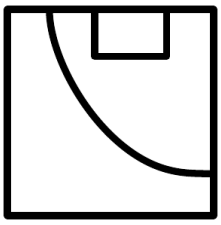
Q22. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern. (rotation is not allowed)



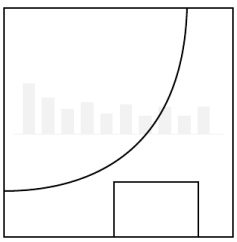
(a)



(b)

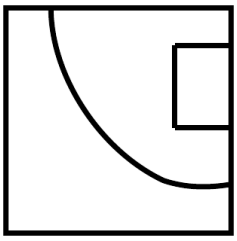


(c)



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(d)



Q23. 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:

Some words are short.

Some shorts are long.

All long are tree.

Conclusions:

I. Some tree are short.

II. Some tree are words.

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

Q24. In a certain code language, 'JUMP' is written as 'ITLO' and 'GIRL' is written as 'FHQK'. How will 'LOVE' be written in that language?

(a) KNWF
(b) KNWD
(c) KPUD
(d) KNUD

Q25. Which of the following letter cluster will replace the question mark (?) in the given series?

CAM, DYL, EWK, FUJ, GSI, HQH, ?

(a) FOG
(b) IOF
(c) IJG
(d) IOG

Q26. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 8, 96, 104

Second row- 11, 132, 143

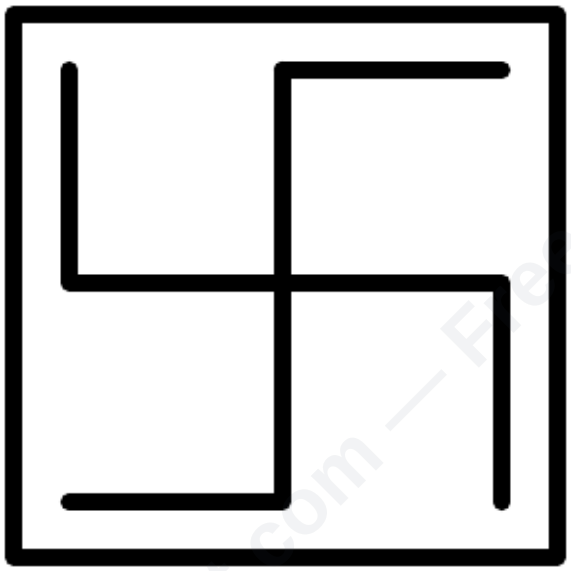
Third row- 7, 84,?

(a) 88
(b) 95
(c) 91
(d) 92

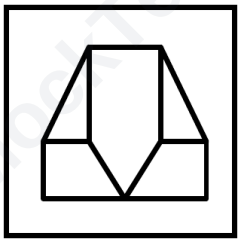
Q27. Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed)

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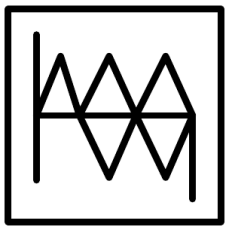
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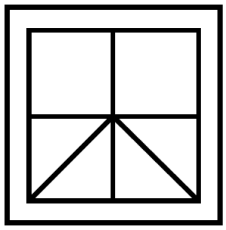
(a)



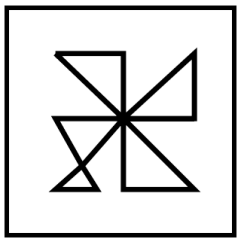
(b)



(c)



(d)



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Q28. Select the option that is related to the third letter cluster in the same way as the second number is related to the first letter cluster.

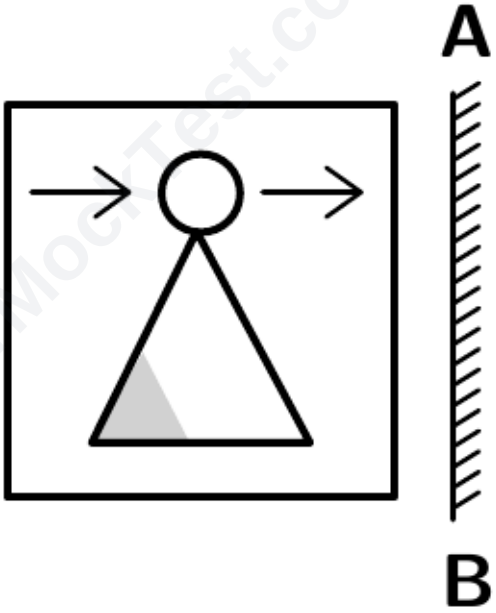
CL : 36 :: FP : ?

(a) 96
(b) 88
(c) 92
(d) 49

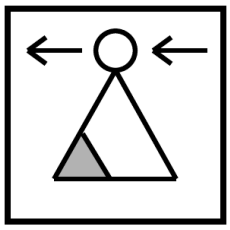
Q29. In a certain code language. 'FULLY' is coded as 'CPPYJ'. What is the code for 'GIVEN' in that code language?

(a) RIZMK
(b) RIZOK
(c) RIZML
(d) RIYMK

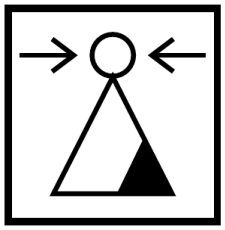
Q30. Select the correct mirror image of the given figure when the mirror is placed at AB as shown below.



(a)

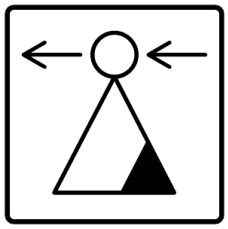


(b)

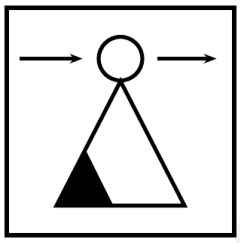


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(c)



(d)



Q31. Seven students H, I, J, K, L, M and N have all scored unique number of marks. H scored only more than N. Marks of three students were between the marks of J and I. I did not score the highest marks. How many students scored less than J?

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

Q32. In a certain code language, 'ABOVE' is coded as 'DERYH. What is the code for 'BELOW' in that code language?

(a) EHORZ
(b) FHOSY
(c) EHPRY
(d) EHORY

Q33. Which two numbers should be interchanged to make the given equation correct?

12 × 4 - 8 + 9 ÷ 3 = 32

(a) 4 and 9
(b) 12 and 3
(c) 12 and 9
(d) 32 and 12

Q34. 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 horses are not trucks.

All horses are white.

Conclusions:

I. Some white are trucks.

II. Some horses being truck is a possibility.

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

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Q35. Select the option that is related to the third number in the same way as the second number is related to the first number.

483 : 331 :: 715 : ?

(a) 653
(b) 570
(c) 563
(d) 356

Q36. Five girls namely B, H, O, M and S are seating in a circle facing the centre. S is sitting to the immediate left of O and the immediate right of B. M sits second to the left of S. Who sits to the immediate right of H?

(a) S
(b) M
(c) B
(d) O

Q37. After interchanging the given two numbers what will be the values of equation (I) and (II) respectively?

8 and 4

I. 8 - 4 × 6 ÷ 3 + 7

II. 8 × 3 - 6 ÷ 2 + 4

(a) • 5 and 20
(b) • 4 and 18
(c) • 5 and 17
(d) 20 and 18

Q38. Which of the following numbers will replace the question mark (?) in the given series?

47, 49, 53, 55, 59, 61, 65, ?

(a) 56
(b) 76
(c) 67
(d) 69

Q39. Six brothers K, L, M, N, O and S are standing in a column facing north. K is standing just behind N. O stands exactly between M and S. Only three brothers stand behind L. Who is standing just behind K?

(a) L
(b) S
(c) M
(d) N

Q40. Which of the following numbers will replace the question mark (?) in the given series?

81, 243, 40.5, 121.5, 20.25, 60.75, ?

(a) 10.120
(b) 10.115
(c) 10.125
(d) 10.215

SESSION 2

Q41. Which of the following personality is associated with Aligarh movement?

(a) Syed Ahmed Khan
(b) Muhammad Ali Jinnah
(c) Abul Kalam Azad
(d) Syed Amir Ali

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Q42. Pradhan Mantri Kaushal Vikas Yojana (PMKVY) was started in which year?

(a) 2017
(b) 2015
(c) 2014
(d) 2016

Q43. Gautama Buddha attained enlightenment under a peepal tree at _____.

(a) Varanasi
(b) Bodh gaya
(c) Ujjain
(d) Patliputra

Q44. The Kandariya Mahadeva Temple was constructed in 999 A.D. by the king Dhangadeva of _____ dynasty.

(a) Chandela
(b) Pala
(c) Pallava
(d) Chola

Q45. As on 1^(st) March 2023, which of the following is NOT a member country of ASEAN?

(a) Thailand
(b) Indonesia
(c) Sri Lanka
(d) Malaysia

Q46. The Chhatrapati Shivaji Maharaj Terminus, was formerly known as _____.

(a) Elizabeth Terminus Station
(b) James Terminus Station
(c) George Terminus Station
(d) Victoria Terminus Station

Q47. Chhau dance is a blend of martial traditions, temple rituals etc. It is performed in which region of India?

(a) Eastern
(b) Northern
(c) Western
(d) Southern

Q48. The Indian Census 2011 can be referred to as the _____ census operation after Indian independence.

(a) eleventh
(b) seventh
(c) tenth
(d) ninth

Q49. Which was the first ancient Indian civilization that had systematic town planning and underground drainage systems?

(a) Early Nubian civilization
(b) Later Vedic civilization
(c) Aegean civilization
(d) Indus valley civilization

Q50. What does Section 377 of the Indian Penal Code signifies?

(a) Triple talaq
(b) Surrogacy
(c) Criminalize unnatural offences
(d) Women temple entry

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Q51. Which of the following layers of the atmosphere means "region of mixing"?

(a) Stratosphere
(b) Troposphere
(c) Thermosphere
(d) Mesosphere

Q52. Shovana Narayan is a renowned _____ dancer.

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

Q53. The Mahanadi river rises in the highlands of _____.

(a) Odisha
(b) Andhra Pradesh
(c) Chhattisgarh
(d) Bihar

Q54. When was the Battle of Tukaroi fought where Akbar defeated Sultanate of Bengal and Bihar?

(a) 1564
(b) 1582
(c) 1575
(d) 1591

Q55. Who were the prime accused in the Assembly bomb case that took place in 1929, Delhi?

(a) Udham Singh and Mangal Pandey
(b) Surya Sen and Ram Prasad
(c) Bhagat Singh and Batukeshwar Dutt
(d) Ram Prasad and Ashafaqulla

Q56. _____ is the deepest landlocked and well-protected port.

(a) Kandla
(b) Mumbai
(c) Vishakhapatnam
(d) Paradwip

Q57. The famous Nelapattu Bird Sanctuary is located in which of the following states?

(a) Tamil Nadu
(b) Andhra Pradesh
(c) Karnataka
(d) Madhya Pradesh

Q58. Who among the following is a celebrated sarod maestro?

(a) Niladri Kumar
(b) Vilayat Khan
(c) N. Ramani
(d) Zarin Sharma

Q59. The GDP estimation method measuring the aggregate value of factor payments is called _____.

(a) product method
(b) value added method
(c) expenditure method
(d) income method

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Q60. In India, the practice of erecting megaliths began about _____ ago.

(a) 3000 years
(b) 2000 years
(c) 500 years
(d) 1000 years

Q61. Which among the following elements does not belongs to the Halogens group?

(a) Astatine
(b) Helium
(c) Bromine
(d) Chlorine

Q62. As announced in the Budget 2022, _____ Anganwadis will be upgraded for improving child health.

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

Q63. Which among the following team won the International Cricket Council (ICC) Men's T20 World Cup 2021?

(a) Australia
(b) England
(c) West Indies
(d) India

Q64. "Wide Angle" is an autobiography of which of the following sportsperson?

(a) Wasim Akram
(b) Yuvraj Singh
(c) Imran Khan
(d) Anil Kumble

Q65. Which religious group of people celebrates the Nowruz festival in India ?

(a) Jews
(b) Buddhists
(c) Parsis
(d) Jains

Q66. Select the most appropriate word for the given group of words.

The sound of elephants

(a) Trumpet
(b) Quack
(c) Laurel
(d) Screech

Q67. Choose the incorrectly spelt word.

(a) Shout
(b) Salute
(c) Belieif
(d) Crops

Q68. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

She was fined of driving over the speed limit.

(a) fine of driving
(b) fined for drive
(c) fined for driving

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(d) No improvement

Q69. Choose the word that means the same as the given word.

Aptitude

(a) Attitude
(b) Talent
(c) Stress
(d) Faith

Q70. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.

apple has also introduced a (rule that seemed tie) to its recent dispute with Basecamp.

(a) rule that seems tied
(b) rule that seemingly tied
(c) No correction required
(d) rule which seemed tie

Q71. Choose the sentence with no spelling error.

(a) The two are in most cases mutualy exclusive.
(b) The two are in most cases mutuallyy exclusive.
(c) The two are in most cases mutually exclusive.
(d) The two are in most casies mutually exclusive.

Q72. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

In humans, consumption of alcohol stimulate brain cells to release mood-altering dopamine.

(a) release mood-altering dopamine.
(b) In humans, consumption of alcohol,
(c) stimulate brain cells to
(d) No error

Q73. In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.

To stretch one's legs

(a) To leave a place without permission
(b) To go for a party
(c) To go for a walk after you have been sitting for a long time
(d) To measure one's worth

Q74. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative.

I am looking forward to _____ you at our favourite restaurant.

(a) meets
(b) meet
(c) met
(d) meeting

Q75. Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

What evil magic does / it possess to draw the human / heart so powerful to it?

(a) heart so powerful to it?
(b) What evil magic does
(c) No error
(d) it possess to draw the human

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Q76. Select the most appropriate meaning of the given idiom.

Drastic times call for drastic measures

(a) When you are extremely desperate you need to take extremely desperate actions
(b) Don't rely on it until you sure of it
(c) Something that ends at the last minute or last few seconds
(d) Do not pull all your resources in one possibility

Q77. A sentence has been given with a blank to be filled with an appropriate option. Choose the correct alternative

There is definitely _____ he is not telling me.

(a) everything
(b) something
(c) somebody
(d) anything

Q78. Select the appropriate antonym for the underlined word.

Megan, my precious darling, where is the kettle?

(a) detested
(b) expensive
(c) beloved
(d) steep

Q79. Select the most appropriate synonym of the underlined word.

Immediate relocation is your best course of action.

(a) emergence
(b) ending
(c) expiration
(d) migration

Q80. Select the most appropriate antonym of the given word.

Wicked

(a) Admirable
(b) Sarcastic
(c) Infernal
(d) Dissent

Q81. Select the most appropriate option to fill in the blank.

All the companies make an _____ to be seen and heard within communities.

(a) establishment
(b) effort
(c) excuse
(d) aisle

Q82. Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

Since 1950 the number of children in secondary schools has been increasing noticeable

(a) No improvement
(b) have increasingly noticeably
(c) has been increasing noticeably
(d) increasingly noticeable

Q83. Select the most appropriate option to fill in the blank.

Jacqueline represents retirement as the final result of a long course of dissatisfaction with _____ life.

(a) joyful
(b) mundane

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(c) barbaric
(d) divine

Q84. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

I spend a lot of my time at work helping my customers find an best outfit.

(a) No error
(b) I spend a lot of
(c) my time at work helping my
(d) customers find an best outfit.

Q85. Choose the word that can substitute the given group of words.

Departure from common rule

(a) Anomaly
(b) Quixotic
(c) Pragmatic
(d) Stupor

Directions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

In the early 1920's, settlers came to Alaska looking for (1) _____. They travelled by boat to the coastal towns of Seward and Knik, and from there by land into the gold fields. The trail they used to (2) _____ inland is known today as the Iditarod Trail, one of the National Historic Trails designated (3) _____ the Congress of the United States. The Iditarod Trail quickly became a major thoroughfare in Alaska, as the mail and supplies were (4) _____ across this trail. People also used it to get from place to place, including the priests, ministers, and judges who had to travel between villages. In the winter, the settlers' only means of travel down this trail was via dog (5) _____.

Q86. Select the most appropriate option to fill in the blank No. 1.

(a) copper
(b) gold
(c) iron
(d) silver

Q87. Select the most appropriate option to fill in the blank No. 2.

(a) submerge
(b) travel
(c) locate
(d) navigate

Q88. Select the most appropriate option to fill in the blank No. 3.

(a) by
(b) in
(c) of
(d) at

Q89. Select the most appropriate option to fill in the blank No. 4.

(a) carried
(b) deported
(c) imported
(d) transported

Q90. Select the most appropriate option to fill in the blank No. 5.

(a) smell
(b) sled
(c) bark

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(d) boat

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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