PREVIOUS YEAR PAPER

DSSSB Junior Labour Welfare Inspector 2023 — 19 November 2023

DSSSB Other Posts · 19 November 2023

136 of the paper's 200 questions · +1 for a correct answer, −0.25 for a wrong one

Left out of the original paper: 64 (any question that needs a figure, a symbol or formatting we cannot show, or whose text did not read back cleanly from the booklet).

Questions from the Delhi Subordinate Services Selection Board's paper of 19 November 2023. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/dsssb-other-posts/previous-year-papers/dsssb-other-posts-2023-junior-labour-welfare-inspector-19-nov/

General

1. about:blank 1/125 3/5/24, 5:45 PM about:blank Six friends are A, C, E, G, I and K are sitting around a circular table facing the centre. C sits to the immediate right of K. A sits to the immediate right of E. I and G face each other. K is the neighbour of I.
Who sits to the immediate right of G?

(a) C
(b) E
(c) A
(d) K

Answer: (b)

2. There are 150 boxes arranged vertically. at the 25th position from the top, how many boxes are below it?

(a) 111
(b) 125
(c) 105
(d) 132

Answer: (b)

3. In a certain code language, if STRAWBERRY is coded as '159', BLUEBERRY is coded as '117', how would RASPBERRY be coded?

(a) 152
(b) 145
(c) 131
(d) 113

Answer: (c)

4. Rahul says to Raj, "Your wife is the sister of my only son". How is Raj related to Rahul?

(a) Son-in-law

(b) Brother

(c) Father

(d) Son

Answer: (a)

5. 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 books are novels.
All novels are written by authors.
Conclusions:
I. Some books are written by authors.
II. All books are novels.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follow

(d) Neither conclusion I nor II follows

Answer: (a)

6. 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.
about:blank 4/125 3/5/24, 5:45 PM about:blank Statements:
All smartphones are electronic devices.
Some electronic devices are tablets.
All tablets are touchscreen devices.
Conclusions:
I. Some tablets are smartphones.
II. All touchscreen devices are electronic devices.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follow

(d) Neither conclusion I nor II follows

Answer: (d)

7. Arrange the following words in alphabetical order.
1. UNIVERSE
2. UNUSUAL
3. UNDERSTAND
4. UNVEIL
5. UMBRELLA
about:blank 5/125 3/5/24, 5:45 PM about:blank

(a) 51423

(b) 53124

(c) 53214

(d) 54213

Answer: (b)

8. How many symbols are there in the given series that are immediately preceded by an odd number and immediately followed by an even number?
1 ! 3 @ 6 & 7 # 2 $ 4 * 6 ^ 8

(a) 2

(b) 1

(c) 3

(d) 0

Answer: (a)

9. How many odd numbers are there in the given seri hat are immediately preceded by a multiple of 4 and immediately followed by a multiple of 6?
4 18 7 24 9 36 15 42 25 8 10 5 21 14 30 11 27

(a) 4

(b) 3

(c) 2

(d) 1

Answer: (c)

10. Select the option that is related to the third word in the same way as the second word is related to the first word.
Beijing : China :: Nairobi : ?

(a) Spain

(b) Brazil

(c) Kenya

(d) Russia

Answer: (c)

11. Four letter-cluster pairs have been given, out of which three are alike in some manner and one is different.
Select the odd letter-cluster pair.

(a) NDP : MCO

(b) RSL : NQK

(c) BKG : AJF

(d) YVU : XUT

Answer: (b)

12. Identify the term in the letter- series that does not follow the pattern:
R, T, V, Y, Z, B

(a) V

(b) Y

(c) R

(d) Z about:blank 8/125 3/5/24, 5:45 PM about:blank

Answer: (b)

13. Identify the term in the alpha-numeric series that does not follow the pattern:
11R2, 18Q6, 25P10, 35O14.

(a) 11R2

(b) 25P10

(c) 18Q6

(d) 35O14

Answer: (d)

17. In this question, a statement has been give[illegible]ved by two courses of action numbered I and II. Assuming that all information in the statement is true, analyse the actions together and determine whether any of them logically and definitely follow(s) from the information given in the statement.
Statement: There have been numerous instances of missing pillows and blankets from the AC coaches of trains.
Courses of Action:
I) The railway authorities should impose a fine on all the passengers of the coach from which the pillows and blankets are missing.
II) The railway authorities should stop providing pillows and blankets in AC coaches.

(a) Only I follows

(b) Only II follows

(c) Both I and II follows

(d) Neither I nor II follows

Answer: (d)

18. Which of the following numbers will replace the question mark (?) in the given series?
32, 38, 46, 56, 68, 82, ?

(a) 98
(b) 92
(c) 96
(d) 94

Answer: (a)

19. Select the option that is related to the third number in the same way as the second number is related to the first number.
about:blank 15/125 3/5/24, 5:45 PM about:blank 49 : 2401 :: 64 : ?

(a) 3200
(b) 1608
(c) 4096
(d) 8000

Answer: (c)

20. Select the option that is related to the third number in the same way as the second number is related to the first number.
625 : 26 :: 289 : ?

(a) 17
(b) 15
(c) 21
(d) 18

Answer: (d)

21. Six people L, O, R, T, U and Z are sitting in a row facing north. O is sitting to the immediate right of Z. U sits exactly between R and L. Only one person sits to the right of L. Who sits to the immediate left of R?

(a) O
(b) U
(c) T
(d) Z

Answer: (a)

22. Rishav eats different flavoured ice-creams namely Chocolate, Black current, Butterscotch, Vanilla, and Strawberry on five different days of a week from Monday to Friday. He eats Black current flavoured ice- cream a day before he eats vanilla flavoured ice-cream. He eats a Strawberry flavoured ice-cream two days about:blank 17/125 3/5/24, 5:45 PM about:blank before he eats a Butterscotch flavoured ice-cream. He eats a chocolate flavoured ice-cream on Thursday. On which day does he eat a Black current flavoured ice-cream?

(a) Tuesday
(b) Friday
(c) Monday
(d) Wednesday

Answer: (c)

23. Five friends A, B, C, D, and E live in a five-floored building, each floor having only one apartment. The bottommost floor is numbered as 1, and the floor immediately above it is numbered as 2, and so on. B lives on an odd-numbered floor. Only one person lives below E. C and D live on consecutive floors. B does not live above C. A does not live above E. Who lives on Floor 3?

(a) C
(b) E
(c) A
(d) B

Answer: (d)

24. In a class of 80 students, David ranks 60th from the bottom. What is his rank from the top?

(a) 20th
(b) 22nd
(c) 21st
(d) 27th

Answer: (c)

25. In a certain code language, if SCHOOL is coded as RDGPNM, how would HOUSE be coded?

(a) GPSSC
(b) GPTTD
(c) IPTTD
(d) GPTSD

Answer: (b)

26. If 'X × Y' means 'X is the daughter of Y'
If 'X + Y' means 'X is the son of Y'.
If 'X ÷ Y' means 'X is the wife of Y'.
If 'X – Y' means 'X is the brother of Y'.
How is P related to Q in the expression 'P + R ÷ Q + S' ?

(a) Son
(b) Husband
(c) Father
(d) Brother

Answer: (a)

27. How many vowels are there in the given letter series that are immediately followed by a different vowel? about:blank 20/125 3/5/24, 5:45 PM about:blank A B G E D G I R O O P U F E S A Q I C O U E I M X O T U

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

Answer: (d)

28. How many symbols are there in the given series that are immediately preceded by a consonant and immediately followed by a vowel?
P # R M @ S B $ D T G % W L & O N K @ X Q

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

Answer: (a)

29. Select the option that is related to the fifth letter cluster in the same way as the fourth letter cluster is related to the third letter cluster and the second letter cluster is related to the first letter cluster.
UMBRELLA : ALLERBMU :: PARROT : TORRAP :: BANANA : ?

(a) AANNAB
(b) ANAANB
(c) ANBNAA
(d) ANANAB

Answer: (d)

30. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

(a) ACEF
(b) IKMN
(c) BEGI
(d) DFHI

Answer: (c)

31. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

(a) HFG
(b) SQR
(c) FDE
(d) ZWX

Answer: (d)

32. Which of the following letter clusters will replace the question mark (?) in the given series?
DFH, HJL, LNP, PRT, ?

(a) QTV
(b) TUX
(c) TVX
(d) TVY

Answer: (c)

37. If the positions of the last and the second last digits within each number are interchanged, which of the following will be the one's digit of the highest number?
346 587 421 968 753

(a) 4
(b) 5
(c) 6
(d) 7

Answer: (c)

38. Which two numbers should be interchanged to make the given equation correct?
8 × 4 + 63 ÷ 9 - 2 = 19

(a) 2 & 4
(b) 8 & 4
(c) 4 & 9
(d) 9 & 8

Answer: (a)

39. Which of the following numbers will replace the question mark (?) in the given series?
18, -36, 72, -144, 288, ?

(a) 576
(b) 567
(c) -576
(d) -567

Answer: (c)

40. Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 14, 196, 16
Second row: 19, 361, 10
Third row: 24, 576, ?

(a) 18
(b) 22
(c) 14
(d) 11

Answer: (a)

41. IIT-Madras has partnered with which country to launch “Centre for Energy” to work on UN-SDGs?

(a) China
(b) Australia
(c) Japan
(d) Indonesia

Answer: (b)

42. A total of ____ athletes are participating in the 2023 Asian Games across different sports.

(a) 344
(b) 567
(c) 876
(d) 655

Answer: (d)

43. Who won India's first Greco Roman wrestling medal at Asian Games in 2023 since 2010?

(a) Sunil Kumar
(b) Parneet Kaur
(c) Vinesh Phogat
(d) Sakshi Malik

Answer: (a)

44. Chhattisgarh government in 2023 has unveiled its plan to provide homes for over 47,000 impoverished residents in the state's rural areas as part of the inaugural phase of which yojana?

(a) Pradhan Mantri Awas Yojana
(b) Mukhyamantri Gramin Awas NYAY Yojana.
(c) Pradhan Mantri Jan Dhan Yojana
(d) Jaan Suraksha Yojana

Answer: (b)

45. Who won gold in women's compound archery ev . in 2023 Asian Games?

(a) Jyothi Vennam
(b) Kim Soo Nyung
(c) Aditi Swami
(d) Parneet Kaur

Answer: (a)

46. The practice of exploiting price differentials in different markets in terms of economics is known as -

(a) Arbitrage
(b) Cost control
(c) Inflation
(d) Deflation

Answer: (a)

47. Financial assets whose value "is obtained" from an underlying asset, something else, such as a stock market index or a commodity price are known as_____.

(a) Derivatives
(b) Bonds
(c) Stocks
(d) Insurance schemes

Answer: (a)

48. _____ tax is levied when investors sell assets for more than the purchase price.
    (a) Goods and services Tax
    (b) Capital gains tax
    (c) Indirect Tax
    (d) Income Tax
    Answer: (b)

49. _____ founded Mohammedan Anglo-Oriental College in Aligarh in 1875.
    (a) Sayed Ahmed Khan
    (b) Abdul Hamid Qadri Badayuni
    (c) Abdul Ghani Azhari
    (d) Muhammad Qasim Wanotavi
    Answer: (a)

50. Which of the following individuals is regarded as the father of Bengal's Muslim Renaissance?
    (a) Nawab Abdul Latif Khan
    (b) Nawab Samiullah Khan
    (c) Ammer Ali
    (d) Sayed Khan
    Answer: (a)

51. Who among the following gave the Ganapati Festi[illegible]ts national character by starting it in 1893?
    (a) Dadabhai Naoroji
    (b) Lokmanya Tilak
    (c) Surendranath Banerjee
    (d) Rahimtulla M.Sayani
    Answer: (b)

52. Who was the first and only female ruler of medieval India’s Sultanate period?
    (a) Raziya Sultan
    (b) Ruknuddin Feruz Shah
    (c) Nurbanu Sultan
    (d) Turhan Sultan
    Answer: (a)

53. Which Carnatic classical vocalist won the Bharat Ratna in the year 1998?
    (a) M. S. Subbalakshmi
    (b) Shreya Ghoshal
    (c) Lata Mangeshkar
    (d) Asha Bhosle
    Answer: (a)

55. Bonalu is a traditional Hindu festival celebrated in which state?
(a) West Bengal
(b) Telangana
(c) Odisha
(d) Goa
Answer: (b)

56. The Asia's largest fresh water lake "Wular lake" is located in which state?
(a) Jammu and Kashmir
(b) Punjab
(c) Haryana
(d) Rajasthan about:blank 39/125 3/5/24, 5:45 PM about:blank
Answer: (a)

57. The concept of single citizenship in India has been inspired from which country's constitution?
(a) Canada
(b) China
(c) England
(d) Japan
Answer: (c)

58. _____ of the Indian Constitution states that untouc bility has been abolished and its practice in any form is forbidden.
(a) Article 17
(b) Article 12
(c) Article 11
(d) Article 13 about:blank 40/125 3/5/24, 5:45 PM about:blank
Answer: (a)

59. _____was the first politician to become a Chief Minister of a state and Prime Minister of India.
(a) Narendra Modi
(b) Chaudhary Charan Singh
(c) Morarji Desai
(d) Indira Gandhi
Answer: (b)

60. _____are the organisms with holes commonly known as sponges.
(a) Mollusca
(b) Annelida
(c) Porifera
(d) Nematoda about:blank 41/125 3/5/24, 5:45 PM about:blank
Answer: (c)

61. _____was recognized by the Sahitya Akademi with the 'Bal Sahitya Puraskar' 2023 for his book 'Ibemma Amasung Ngabemma.'

(a) Dilip Nongmaithem
(b) Ankur Walia
(c) Prashant Sharma
(d) Sanjay Chandra

Answer: (a)

62. Who received the 2023 SASTRA Ramanujan Prize for his pioneering contributions in number theory?

(a) Ruixiang Zhang
(b) Nirma Sen
(c) Indira Verma
(d) Jerrold E. Marsden

Answer: (a)

63. The Indian men's hockey team defeated which Country in the final to bag gold at the ongoing Asian Games 2023 in Hangzhou?

(a) Japan
(b) China
(c) Australia
(d) Taiwan

Answer: (a)

64. Who proposed implementing a policy t[illegible]ise t[illegible]egal age to buy cigarettes?

(a) Boris Johnson
(b) Rishi Sunak
(c) Thersa May
(d) Liz Truss

Answer: (b)

65. A bond on which no interest payments are made is known as____.

(a) Zero Coupon bond
(b) Traditional Bond
(c) Callable Bond
(d) Floating Rate Bond

Answer: (a)

66. Who defeated Babur in the First Battle of Panipat (in 1526) and thus ended the Delhi Sultanate?

(a) Akbar
(b) Ibrahim Lodi
(c) Babur
(d) Sikandar Lodi

Answer: (b)

67. Mein Kampf is a 1925 autobiographical manifesto by Nazi Party leader _____.

(a) Adolf Hitler
(b) Adolf Eichmann
(c) Hermann Göring
(d) Odilo Globocnik

Answer: (a)

68. The first language to be conferred the status of a Classical Language is ____.

(a) Hindi
(b) Tamil
(c) Kannada
(d) Bengali

Answer: (b)

69. Which among the following is a harvest festival celebrated in Goa?

(a) Losar
(b) Charta
(c) Novidad
(d) Lohri

Answer: (c)

70. From which of the following places does River Go originate?

(a) Hardeol
(b) Gangotri
(c) Pilibhit
(d) Kangchenjunga

Answer: (c)

71. In which Indian State is the Ranthambore National Park located?

(a) Rajasthan
(b) Chhattisgarh
(c) Madhya Pradesh
(d) Maharashtra

Answer: (a)

72. Which is the largest tribe in India, constituting roughly 38% of the total scheduled tribal population? about:blank 47/125 3/5/24, 5:45 PM about:blank

(a) Munda
(b) Gondi
(c) Khasi
(d) Bhil

Answer: (d)

73. According to a 2001 survey, which state in India has the largest Jain population?

(a) Maharashtra

(b) Chennai

(c) Kolkata

(d) Assam

Answer: (a)

74. The government's tax and spending policies are addressed via a policy known as-

(a) Fiscal Policy about:blank 48/125 3/5/24, 5:45 PM about:blank

(b) Monetary policy

(c) Credit policy

(d) Debit policy

Answer: (a)

75. A _____ is a direct vote in which the people are asked to either accept or reject a particular proposal.

(a) Block Voting

(b) Referendum

(c) Proportional Voting

(d) Two-Round Voting

Answer: (b)

76. Who among the following put forward the idea of Constituent Assembly for India for the first time?

(a) M N Roy

(b) Babasaheb Ambedkar

(c) Rajendra Prasad about:blank 49/125 3/5/24, 5:45 PM about:blank

(d) Jawaharlal Nehru

Answer: (a)

77. An offspring's tendency to resemble its parent is referred to as_____.

(a) Heredity

(b) Variation

(c) Resemblance

(d) Inheritance

Answer: (a)

78. In which of the following years was the Food Product Order (FPO) passed?

(a) 1987

(b) 1879

(c) 1955

(d) 1977 about:blank 50/125 3/5/24, 5:45 PM about:blank

Answer: (c)

79. A person who is suffering from high blood pressure should cut down on _____.

(a) Iron

(b) Sodium

(c) Potassium

(d) Calcium

Answer: (b)

80. Who coined the term "cell"?

(a) Robert Hooke

(b) Darwin

(c) Mendel

(d) Haeckel about:blank 51/125 3/5/24, 5:45 PM about:blank

Answer: (a)

81. The average of 7 numbers is 75. The average of the four numbers is 65, while the average of the other two is 85. Find the value of the remaining number.

(a) 64

(b) 82

(c) 58

(d) 95 about:blank 52/125 3/5/24, 5:45 PM about:blank

Answer: (d)

82. A loan of $8,000 was taken for 5 years at a simp nterest rate of 7% per annum. Calculate the total interest paid at the end of the loan term.

(a) $4200

(b) $1690

(c) $2800

(d) $3700

Answer: (c)

83. The difference between the compound interest and simple interest on a sum of Rs. x at an annual rate of 12.5% for 2 years is Rs. 450. Find the value of x.

(a) Rs. 34,600

(b) Rs. 28,800

(c) Rs. 52,800

(d) Rs. 46,300 about:blank 53/125 3/5/24, 5:45 PM about:blank

Answer: (b)

86. If two numbers are in the ratio 7:5 and their greatest common divisor (GCD) is 1, what is their LCM?

(a) 46

(b) 29

(c) 31

(d) 35

Answer: (d)

87. about:blank 56/125 3/5/24, 5:45 PM about:blank The highest common factor (HCF) of two numbers is 5, and their least common multiple (LCM) is 105. If one of the numbers is 35, what is the other number?

(a) 35

(b) 15

(c) 75

(d) 25

Answer: (b)

88. If the price of a product at Store A is 10% less than the price of the same product at Store B, what percentage is B's price more than that of A?

(a) 15%

(b) 12%

(c) 11.11%

(d) 14.5%

Answer: (c)

89. The sum of two numbers is 600. If the larger number is decreased by 25% and the smaller number is increased by 25%, then the numbers obtained are equal. Find the smaller number.

(a) 250

(b) 225

(c) 125

(d) 255

Answer: (b)

90. A TV is listed for $800. During a Black Fri[illegible]e, it is available at a 35% discount. If you also have a $50 coupon, what is the final price after the discount and coupon?

(a) $470

(b) $280

(c) $420

(d) $340

Answer: (a)

91. A vendor labels his items at 60% higher than the cost price and grants a 25% discount. Determine his profit percentage.

(a) 10%

(b) 15%

(c) 18%

(d) 20%

Answer: (d)

92. Find the third proportional to 7 and 49.

(a) 214

(b) 343

(c) 114

(d) 243

Answer: (b)

93. 36 technicians working 10 hours per day can repair a computer network in 20 days. How many days would it take for 18 technicians working 8 hours per day to repair the same computer network?

(a) 72 days

(b) 50 days

(c) 45 days

(d) 63 days

Answer: (b)

94. D, E, and F are assigned to complete a task. If the ratio of time taken by D, E, and F is 5:7:10, find the ratio of their efficiency.

(a) 10 : 07 : 14

(b) 14 : 5 : 7

(c) 14 : 10 : 7

(d) 7 : 10 : 14 about:blank 60/125 3/5/24, 5:45 PM about:blank

Answer: (c)

95. Pipe X can fill a tank in 10 hours, and pipe Y can fill the same tank in 15 hours. Pipe Z can empty the tank in 20 hours. If all three pipes are opened together, how long will it take to fill the tank?

(a) 60/7 hours

(b) 7/60 hours

(c) 60/11 hours

(d) 11/60 hours

Answer: (a)

96. A person travels from City X to City Y at a speed of 60 km/h and returns from City Y to City X at a speed of 40 km/h. Calculate the average speed for the entire round trip.

(a) 48 kmph

(b) 46 kmph

(c) 38 kmph

(d) 42 kmph

Answer: (a)

97. Two cars A and B are traveling towards each other on the same road. Car A travels at 60 mph, and car B travels at 40 mph. If they start 120 miles apart, how long will it take for them to meet?

(a) 54 minutes

(b) 36 minutes

(c) 72 minutes

(d) 48 minutes about:blank 62/125 3/5/24, 5:45 PM about:blank

Answer: (c)

98. Determine the area of a right-angled triangle with a base of 12 cm and a height of 5 cm.

(a) 45 sq. cm

(b) 30 sq. cm

(c) 25 sq. cm

(d) 52 sq. cm

Answer: (b)

99. The length of a rectangle is increased by 15%, while its breadth is decreased by 10%. Calculate the percentage change in the area of the rectangle.

(a) 3.50%

(b) 6.50%

(c) 5.30%

(d) 8.30% about:blank 63/125 3/5/24, 5:45 PM about:blank

Answer: (a)

100. If the height of a right circular cone is 84 cm, and its base diameter is 26 cm, determine the curved surface area of the cone. (Use pi = 22/7)

(a) 3742.9 sq.cm

(b) 3479.2 sq.cm

(c) 3472.9 sq.cm

(d) 3492.7 sq.cm

Answer: (c)

101. John rides a bicycle at the speed of 6 km/hr, 15 km/hr, and 12 km/hr for three equal distances. Calculate his average speed for a total distance of 720 km.

(a) 171/19 kmph

(b) 180/19 kmph

(c) 153/17 kmph

(d) 120/17 kmph

Answer: (b)

102. What is the rabbit population after three years when a population of 10,000 rabbits experiences an 8% increase in the first year, followed by a 12% decrease in the second year, and finally a 50% increase in the third year?

(a) 14526
(b) 15246
(c) 14256
(d) 41693

Answer: (c)

104. Evaluate the expression: $7\times\{35+(45-15\div3)\}$.

(a) 255
(b) 350
(c) 525
(d) 405

Answer: (c)

105. Calculate the result of: $3.6\times2.5-1.2+0.3$

(a) 8.1
(b) 7.4
(c) 4.9
(d) 6.3

Answer: (a)

106. Calculate the HCF of the prime numbers 5 and

(a) 1
(b) 5
(c) 7
(d) 35

Answer: (a)

107. Find the smallest integer that is divisible by 18, 25, and 36.
about:blank 68/125 3/5/24, 5:45 PM about:blank

(a) 600
(b) 360
(c) 625
(d) 900

Answer: (d)

108. In a school election, there are three candidates. The first candidate receives 15% of the votes, the second candidate receives 25% of the votes, and the total number of votes cast is 12,000. Calculate the number of votes received by the third candidate.

(a) 6400
(b) 8000
(c) 7200
(d) 5600

Answer: (c)

109. about:blank 69/125 3/5/24, 5:45 PM about:blank The price of gasoline is increased by 25%. By what percentage must one reduce their driving to keep the monthly fuel expenses unchanged?

(a) 20%
(b) 10%
(c) 15%
(d) 25%

Answer: (a)

110. A shopkeeper buys a shirt for $30 and sells it for $45. Find the profit percentage.

(a) 35%
(b) 50%
(c) 25%
(d) 40%

Answer: (b)

111. about:blank 70/125 3/5/24, 5:45 PM ab[illegible]blar[illegible]ara sells a bicycle to Emma at a profit of 20%, and Emma sells it to Lily at a profit of 10%. If [illegible]s Rs. 3,960 for it, find the cost price for Sara.

(a) Rs. 3000
(b) Rs. 2600
(c) Rs. 1700
(d) Rs. 1100

Answer: (a)

112. A watch is listed for $120. If it is purchased during a clearance sale with a 30% discount, what is the final price?

(a) $64
(b) $108
(c) $42
(d) $84

Answer: (d)

113. If X : Y = 5 : 2 and X - Y = 15, find the value of X + Y.

(a) 35
(b) 32
(c) 38
(d) 29

Answer: (a)

114. Find the fourth proportion to 7, 14, and 56.

(a) 101
(b) 112
(c) 135
(d) 121

Answer: (b)

115. Given that a : b = 6 : 11 and b : c = 4 : 9. Find value of a : c.

(a) 11 : 35
(b) 24 : 27
(c) 24 : 99
(d) 6 : 99

Answer: (c)

116. A car travels a distance of 240 miles in 4 hours. Calculate its speed in miles per hour.

(a) 60 miles/hour
(b) 45 miles/hour
(c) 30 miles/hour
(d) 50 miles/hour

Answer: (a)

117. about:blank 73/125 3/5/24, 5:45 PM about:blank A train, 120 meters long, is running at 108 km/h. How long (in seconds) will it take to cross a platform that is 210 meters long?

(a) 33 s
(b) 12 s
(c) 26 s
(d) 11 s

Answer: (d)

118. Find the area of a trapezoid with a height of 8 cm, one base of 10 cm, and the other base of 14 cm.

(a) 96 sq. cm
(b) 48 sq. cm
(c) 59 sq. cm
(d) 73 sq. cm

Answer: (a)

119. about:blank 74/125 3/5/24, 5:45 PM about:blank Two cubes of iron whose edges are 9 cm and 4 cm are melted and formed into a single cube. Find the volume of the new cube formed.

(a) 973 cc

(b) 379 cc

(c) 793 cc

(d) 739 cc

Answer: (c)

120. A solid sphere has a diameter of 42 cm. What is its volume?

(a) 30808 cc

(b) 38880 cc

(c) 38008 cc

(d) 38808 cc

Answer: (d)

121. Complete the sentence with the appropriate article to make it grammatically correct.
I have visited _____ Eiffel Tower in Paris.

(a) an

(b) the

(c) a

(d) some

Answer: (b)

122. Choose the correct interrogative adjective to c plete the sentence:
_____ book are you reading?

(a) Which

(b) What

(c) Where

(d) When

Answer: (a)

123. Complete the sentence with the appropriate adverb of degree:
Her dedication to her work is commendable; she approaches each task _____.

(a) reluctantly

(b) casually

(c) meticulously

(d) loudly

Answer: (c)

124. Complete the sentence with the appropriate preposition:
The cat leaped _____ the table and knocked over the vase.

(a) above
(b) under
(c) between
(d) onto

Answer: (d)

125. Complete the sentence with the appropriate pronoun:
Lisa told Sarah that _____ would meet her at the cafe.

(a) I
(b) me
(c) she
(d) they

Answer: (c)

126. Reorder the following sentences/paragraphs to create a logical and coherent passage.
A. Instead, Hinduism evolved over centuries, incorporating various beliefs, practices, and rituals.
B. There is no single founder or specific moment of inception.
C. Its origins can be traced back to ancient India, where it emerged as a diverse and pluralistic belief system.
D. Hinduism, one of the world's oldest religions, has a complex and gradual evolution.

(a) ADBC
(b) DCBA
(c) ABCD
(d) BDCA

Answer: (b)

127. Reorder the following sentences/paragraphs to create a logical and coherent passage.
A. Led by visionaries like Mahatma Gandhi and Jawaharlal Nehru, the independence movement embraced non-violent civil disobedience, uniting millions in their pursuit of self-rule.
B. India's Independence, a historic moment in 1947, marked the end of British colonial rule and the birth of a sovereign nation.
C. On August 15, 1947, India gained freedom, and the Indian tricolour flag was hoisted, symbolizing the end of centuries of colonialism.
D. The journey to independence remains a testament to the power of non-violent resistance and the enduring struggle for self-determination.

(a) BACD
(b) CDAB
(c) DACB
(d) ABDC

Answer: (a)

128. Choose the correct one-word substitution for the following phrase:
"A person who is very knowledgeable and is an expert in a particular subject."

(a) Civilian

(b) Executive

(c) Savant

(d) Pilaf about:blank 80/125 3/5/24, 5:45 PM about:blank

Answer: (c)

129. Choose the correct one-word substitution for the following phrase:
"A person who makes and sells candles."

(a) Wax maker

(b) Chandelier

(c) Chandler

(d) Luminary

Answer: (c)

130. Choose the correct one-word substitution for the following phrase:
"A person who believes in the existence of God."

(a) Theist about:blank 81/125 3/5/24, 5:45 PM about:blank

(b) Agnostic

(c) Atheist

(d) Arsonist

Answer: (a)

131. Choose the correct one-word substitu[illegible] for [illegible] following phrase:
"A person who is skilled in the art of making c[illegible]

(a) Librarian

(b) Scribe

(c) Calligrapher

(d) Publisher

Answer: (b)

132. about:blank 82/125 3/5/24, 5:45 PM about:blank Choose the correct idiom to complete the sentence:
"Despite his lack of experience in this field, Mark is not afraid to take on challenging tasks. He's not one to shy away from _____."

(a) putting the cart before the horse

(b) jumping on the bandwagon

(c) barking up the wrong tree

(d) biting off more than he can chew

Answer: (d)

133. Identify the antonym (opposite in meaning to) of the bracketed word in the given sentence.
His calm demeanour in challenging situations always [amazed] his colleagues.

(a) arcane
(b) unruffled
(c) surprised
(d) astonished

Answer: (b)

134. Identify the synonym (similar in meaning to) of the bracketed word in the given sentence.
His work ethic and [exemplary] dedication to the project set a high standard.

(a) typical
(b) competent
(c) ordinance
(d) exceptional

Answer: (d)

135. Identify the antonym (opposite in meaning to) of the bracketed word in the given sentence.
Despite the delay, they managed to [promptly] complete the project.

(a) promptly
(b) efficiently
(c) quickly
(d) tardily

Answer: (d)

136. Identify the synonym (similar in meaning to) of the bracketed word in the given sentence.
The [arduous] journey through the mountains tested their determination.

(a) appalling
(b) challenging
(c) inciting
(d) effortless

Answer: (b)

137. Identify the error in the following sentence:
By the end of the year,/ I will have had worked/ at this company for a decade.

(a) By the end of the year,
(b) I will have had worked
(c) at this company for a decade.
(d) No Error

Answer: (b)

138. Identify the error in the following sentence:
They has been working on/ the project since early/ morning, and it's still not complete.

(a) They has been working on

(b) the project since early

(c) morning, and it's still not complete.

(d) No Error

Answer: (a)

139. Identify the misspelled word in the following sentence:
His (1) procrastination often led to (2) unncessary delays in the (3) completion of his (4) impeccable work.

(a) procrastination

(b) unncessary about:blank 86/125 3/5/24, 5:45 PM about:blank

(c) completion

(d) impeccable

Answer: (b)

141. Complete the sentence with the appropriate article to make it grammatically correct.
She bought _____ random new dress for the party.

(a) an

(b) the

(c) a

(d) some

Answer: (c)

142. Reorder the following sentences/paragraphs to create a logical and coherent passage.
A. While it has made significant progress, challenges such as accessibility, quality, and equity persist.
B. India's education system is a diverse and complex landscape.
C. It combines ancient traditions of learning with modern approaches to knowledge. about:blank 88/125 3/5/24, 5:45 PM about:blank D. The country boasts a wide network of schools, colleges, and universities, providing a spectrum of educational opportunities.

(a) BCDA

(b) DACB

(c) ABCD

(d) ACDB

Answer: (a)

143. Choose the correct idiom to complete the sentence:
"Despite facing numerous obstacles, Sarah managed to finish her project on time. She really proved that where there's a will, _____."

(a) there's a way

(b) in time saves nine

(c) it takes two to tango

(d) actions speak louder than words

Answer: (a)

144. Choose the correct idiom to complete the sentence:
"John's enthusiasm and dedication to his work are truly contagious. He always goes the extra mile and sets a great example just like his father and grandfather. He's a real _____."

(a) diamond in the rough
(b) piece of cake
(c) chip off the old block
(d) bitter pill to swallow

Answer: (c)

156. Fill in the blank (1) from the following options

(a) Proliferation
(b) Diminishment
(c) Stagnation
(d) Disintegration

Answer: (a)

157. Fill in the blank (2) from the following options

(a) Regression
(b) Progress
(c) Transformation
(d) Decline

Answer: (b)

158. Fill in the blank (3) from the following options

(a) Isolate
(b) Communicate
(c) Abandon
(d) Hesitate

Answer: (b)

159. Fill in the blank (4) from the following options

(a) Invention
(b) Obsolescence
(c) Indifference
(d) Emergence

Answer: (d)

Answer key

Answer key from the Delhi Subordinate Services Selection Board's official answer key for this sitting. "—" means the key gave none.

General

1	**(b)**	2	**(b)**	3	**(c)**	4	**(a)**	5	**(a)**	6	**(d)**	7	**(b)**	8	**(a)**
9	**(c)**	10	**(c)**	11	**(b)**	12	**(b)**	13	**(d)**	17	**(d)**	18	**(a)**	19	**(c)**
20	**(d)**	21	**(a)**	22	**(c)**	23	**(d)**	24	**(c)**	25	**(b)**	26	**(a)**	27	**(d)**
28	**(a)**	29	**(d)**	30	**(c)**	31	**(d)**	32	**(c)**	37	**(c)**	38	**(a)**	39	**(c)**
40	**(a)**	41	**(b)**	42	**(d)**	43	**(a)**	44	**(b)**	45	**(a)**	46	**(a)**	47	**(a)**
48	**(b)**	49	**(a)**	50	**(a)**	51	**(b)**	52	**(a)**	53	**(a)**	55	**(b)**	56	**(a)**
57	**(c)**	58	**(a)**	59	**(b)**	60	**(c)**	61	**(a)**	62	**(a)**	63	**(a)**	64	**(b)**
65	**(a)**	66	**(b)**	67	**(a)**	68	**(b)**	69	**(c)**	70	**(c)**	71	**(a)**	72	**(d)**
73	**(a)**	74	**(a)**	75	**(b)**	76	**(a)**	77	**(a)**	78	**(c)**	79	**(b)**	80	**(a)**
81	**(d)**	82	**(c)**	83	**(b)**	86	**(d)**	87	**(b)**	88	**(c)**	89	**(b)**	90	**(a)**
91	**(d)**	92	**(b)**	93	**(b)**	94	**(c)**	95	**(a)**	96	**(a)**	97	**(c)**	98	**(b)**
99	**(a)**	100	**(c)**	101	**(b)**	102	**(c)**	104	**(c)**	105	**(a)**	106	**(a)**	107	**(d)**
108	**(c)**	109	**(a)**	110	**(b)**	111	**(a)**	112	**(d)**	113	**(a)**	114	**(b)**	115	**(c)**
116	**(a)**	117	**(d)**	118	**(a)**	119	**(c)**	120	**(d)**	121	**(b)**	122	**(a)**	123	**(c)**
124	**(d)**	125	**(c)**	126	**(b)**	127	**(a)**	128	**(c)**	129	**(c)**	130	**(a)**	131	**(b)**
132	**(d)**	133	**(b)**	134	**(d)**	135	**(d)**	13	**(b)**	137	**(b)**	138	**(a)**	139	**(b)**
141	**(c)**	142	**(a)**	143	**(a)**	144	**(c)**	1	**(a)**	157	**(b)**	158	**(b)**	159	**(d)**