PREVIOUS YEAR PAPER

DSSSB Accountant 2023 — 24 November 2023

DSSSB Other Posts · 24 November 2023

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

Left out of the original paper: 67 (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 24 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-accountant-24-nov/

General

1. about:blank 1/124 3/5/24, 5:47 PM about:blank Eight friends Jaya, Kishore, Lata, Mukesh, Rahul, Olivia, Pawan and Nitya are sitting around a rectangular table in such a way that four of them sit at four corners of the table while four sit in the middle of each of the four sides. The ones who sit at the four corners face outside the centre while those who sit in the middle of the sides face towards the centre. Pawan sits second to the left of Olivia. Olivia sits to the immediate left of Lata. Kishore sits second to the right of Jaya. Lata sits third to the left of Nitya. Lata faces inside. Rahul sits third to the left Olivia. Lata and Jaya are not neighbours.
Who sits opposite to Jaya?

(a) Rahul

(b) Mukesh

(c) Lata

(d) Pawan

Answer: (c)

2. Eight women namely, Pinki, Ria, Seema, Tia, Uma, Varsha, Yogita and Zara 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. Varsha sits to the immediate right of Tia who faces Seema. Zara sits opposite to Pinki who sits to the immediate right of Ria. Uma sits to the immediate left of Ria and opposite to Varsha. Who among the following faces Ria?

(a) Yogita

(b) Uma

(c) Tia

(d) Varsha

Answer: (a)

3. The heights of five brothers P, Q, M, N and O are given as follows. P is taller than only one brother. N is taller than O, who is taller than P. Q is taller than M. Who is the shortest brother?

(a) O

(b) N

(c) Q

(d) M

Answer: (d)

4. In a certain code language, if RIFLE is coded as FKGHS, PEACE is coded as FBBDQ, then what will LIGHT be coded as?

(a) UGHHM

(b) HAGJJ

(c) MHHGU about:blank 3/124 3/5/24, 5:47 PM about:blank

(d) MHHGS

Answer: (a)

5. Ravi is the son of Kunal and brother of Tina. Tina's husband's mother-in-law is Gayatri. How is Ravi related to Gayatri?

(a) Brother

(b) Husband

(c) Son

(d) Father

Answer: (c)

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.
Statement I: All pianos are tablas.
Statement II: Some tablas are violins.
Statement II: All violins are flutes.
about:blank 4/124 3/5/24, 5:47 PM about:blank Conc on I: Some tablas are flutes.
Conclusion II: Some flutes are pianos.

(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)

7. If all the alphabets within each letter-clusters are increased by one, how many letter-clusters thus formed will have at least 1 vowel within them?
BLACK WHITE CREAM VIOLET ORANGE

(a) 2

(b) 3

(c) 1

(d) 4

Answer: (b)

8. Select the option that is related to the fifth number-letter cluster in the same way as the fourth number-letter cluster is related to the third number-letter cluster and the second number-letter cluster is related to the first number-letter cluster.
SHINE : SEHNI :: RAYMOND : RDANYOM :: MARRIAGE : ?

(a) MEAGRARI
(b) EGAIRRAM
(c) IAGEMARR
(d) IARRGEAM

Answer: (a)

9. Select the option that is related to the fifth word in the same way as the fourth word is related to the third word and the second word is related to the first word.
MALAYSIA : KUALA LUMPUR :: MALDIVES : MALE :: NEPAL : ?

(a) BIRATNAGAR
(b) BIRGUNJ
(c) KATHMANDU
(d) POKHARA

Answer: (c)

10. 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) EDC
(b) KJI
(c) SRQ
(d) XVW

Answer: (d)

11. 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) EGI
(b) OQS
(c) YAD
(d) UWY

Answer: (c)

12. Find out the wrong term in the given series.
OSJ, NQG, MOD, LMZ, KKX, JIU

(a) NQG
(b) LMZ
(c) KKX
(d) JIU

Answer: (b)

16. In this question, a statement has been given followed 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: A Haryana roadways bus fell into a trench, after meeting an accident over a bridge, resulting in the death of around 20 people and around 40 people seriously injured.
Courses of Action:
I) The state government should allocate funds to compensate for the loss.
II) The bridge should be blocked and no transportation must be allowed for a month.

(a) Only I follows

(b) Only II follows

(c) Both I and II follows

(d) Neither I nor II follows

Answer: (a)

18. Which two signs should be interchanged to make the given equation correct?
19 - 28 × 6 + 51 ÷ 3 = 93

(a) × and =

(b) ÷ and -

(c) × and +

(d) + and ÷ about:blank 14/124 3/5/24, 5:47 PM about:blank

Answer: (c)

19. Which of the following numbers will replace the q[illegible]ion mark (?) in the given series?
812, 406, 1218, 609, 1827, ?

(a) 913.5

(b) 128.5

(c) 951

(d) 198

Answer: (a)

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.
37 : 4 :: 41 : ?

(a) 8

(b) 5

(c) 3

(d) 2

Answer: (c)

21. Six persons H, I, J, P, Q and R are sitting in two parallel rows such that three are sitting in each row facing each other. H, I and J are facing north and P, Q and R are facing south. They are not necessarily sitting in the same order. H sits in the extreme left and opposite to P. Q sits in the middle and is not opposite to I. Who sits opposite to R?

(a) I

(b) Q

(c) J

(d) P about:blank 16/124 3/5/24, 5:47 PM about:blank

Answer: (a)

22. Six persons Anand, Chandan, Gautam, Hemant, Jogesh and Kamlesh are sitting in two parallel rows such that three are sitting in each row facing each other. Anand is facing Chandan who is to the immediate left of Gautam. Gautam is sitting opposite of Kamlesh who is facing south direction. Jogesh is sitting to the immediate left of Kamlesh. Who among them is facing north and not sitting in either corner?

(a) Chandan

(b) Gautam

(c) Hemant

(d) Kamlesh

Answer: (b)

23. Subham ranked 12th from the top in a test of 19 students. Find his rank from the bottom. about:blank 17/124 3/5/24, 5:47 PM about:blank

(a) 8th

(b) 7th

(c) 6th

(d) 9th

Answer: (a)

24. Ismail uses different coloured pens namely Brown, Maroon, Blue, Black, and Purple on five different days of a week from Tuesday to Saturday. He uses a Maroon pen a day before he uses Black. He uses a Purple pen two days before he uses a Blue pen. He uses a Brown pen on Friday. On which day does he use a maroon pen?

(a) Wednesday

(b) Saturday

(c) Tuesday

(d) Thursday

Answer: (c)

25. Five friends K, L, M, N, and O 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. L lives on an even numbered floor. Only 2 people live below O. M and K live on consecutive floors. N does not live above O. Who lives on Floor 1?

(a) K

(b) M

(c) L

(d) N

Answer: (d)

26. In a certain code language, if TOGETHER is coded as UNHDUIDS3, FOREVER is coded as GNSDWDS3, then what will ALWAYS be coded as?

(a) TZZXMZ2

(b) BMXBZT1

(c) ZMXZZT2

(d) ZKVZXR3

Answer: (c)

27. If 'H × I' means 'H is the father of I'.
If 'H + I' means 'H is the mother of I'.
If 'H ÷ I' means 'H is the sister of I'.
If 'H – I' means 'H is the brother of I'.
How is S related to P in the expression 'S + T × R ÷ Q '?

(a) Mother

(b) Father's mother

(c) Sister

(d) Father's sister

Answer: (b)

28. about:blank 20/124 3/5/24, 5:47 PM about:blank 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.
Statement I: Some clocks are cups.
Statement II: Some cups are spoons.
Statement II: Some spoons are forks.
Conclusion I: Some clocks are fork.
Conclusion II: No fork is a spoon.

(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)

29. If the digits within each number are written in ascending order from left to right, which of the following will be the ten's digit of the second highest number thus formed?
637 851 928 536 217

(a) 2

(b) 5

(c) 7 about:blank 21/124 3/5/24, 5:47 PM about:blank

(d) 6

Answer: (b)

31. about:blank 22/124 3/5/24, 5:47 PM about:blank 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) SJU : TIV

(b) DKE : EJF

(c) MXO : NWP

(d) HTI : GUH

Answer: (d)

32. Find out the wrong term in the given series.
JH, LG, MF, NE, OD, PC

(a) JH

(b) MF

(c) NE

(d) PC

Answer: (a)

33. Which of the following letter-number clusters will replace the question mark (?) in the given series?
EHK2, GJM3, ?, KNQ3, MPS3, ORU1

(a) ILO2

(b) ILO1

(c) IOL3

(d) IOL2

Answer: (b)

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?
846 545 849 456 648

(a) 4

(b) 5

(c) 6

(d) 8

Answer: (a)

38. Which of the following numbers will replace the question mark (?) in the given series?
86, 93, ?, 104, 108, 115

(a) 94

(b) 95

(c) 97

(d) 101

Answer: (c)

39. Select the option that is related to the third number in the same way as the second number is related to the first number.
894 : 832 :: 622 : ?

(a) 484 about:blank 30/124 3/5/24, 5:47 PM about:blank

(b) 560

(c) 600

(d) 602

Answer: (b)

40. Select the option that is related to the third number in the same way as the second number is related to the first number.
3721 : 61 :: 1089 : ?

(a) 43

(b) 13

(c) 33

(d) 23

Answer: (c)

41. In recent years, _____, a fast-growing exotic mangrove species, had been widely used to enhance green cover in Gujarat.

(a) Conocarpus

(b) Dehali

(c) Bael tree

(d) Shatavari

Answer: (a)

42. NASA reports that the summer of ____ has officially become the hottest on record since temperature tracking began in 1880.

(a) 2022

(b) 2023

(c) 2021

(d) 2020 about:blank 32/124 3/5/24, 5:47 PM about:blank

Answer: (b)

43. _____achieved a historic milestone by securing India's first-ever medal at the Asian fencing championships.

(a) Bhavani Dev

(b) Zaynab Dayibekova

(c) Salim Durani

(d) Rubén Limardo

Answer: (a)

44. An international team of geologists and seismologists has unveiled a refined map of _____, the submerged eighth continent as per news in 2023.

(a) Zealandia

(b) Zealand

(c) Ziland about:blank 33/124 3/5/24, 5:47 PM about:blank

(d) Zinland

Answer: (a)

45. A certain NASA's mission in 2023 explores a unique metal-rich asteroid named _____, believed to be an exposed planetary core. Led by Arizona State University, it aims to uncover secrets of planet formation.

(a) Psyoho

(b) Psyche

(c) Rogue

(d) Metallica

Answer: (b)

46. The_____has been provisionally suspende[illegible]e United World Wrestling (UWW) in 2023, for not conducting its elections on time.

(a) Wrestling Federation of India

(b) World Series Wrestling

(c) All American Wrestling

(d) International Federation of Associated Wrestling Styles

Answer: (a)

47. _____ refers to what you have to give up to buy what you want in terms of other goods or services.

(a) Break-even cost

(b) Opportunity cost

(c) Fixed Cost

(d) Variable Cost

Answer: (b)

48. _____founded the Bharat Mata Society and launched a journal, Peshwa. about:blank 35/124 3/5/24, 5:47 PM about:blank
(a) Sardar Ajit Singh
(b) Lokmanya Tilak
(c) Vinoba Bhave
(d) Jyotiba Phule
Answer: (a)

49. _____was awarded the International Lenin Prize in 1964.
(a) S. A. Dange
(b) Aruna Asaf Ali
(c) M. N. Roy
(d) Muzaffar Ahmed
Answer: (b)

50. The title "Yamin-ud-Daula" was given to which of the following rulers?
(a) Subuktagin about:blank 36/124 3/5/24, 5:47 PM about:blank
(b) Alaptagin
(c) Mahmud of Ghazni
(d) Muhammad bin Qasim
Answer: (c)

51. The only Bihari language is ____ with a script of it wn, called Tirhuta.
(a) Magadhi
(b) Pali
(c) Maithili
(d) Bhojpuri
Answer: (c)

52. Which of the following passes connects Leh and Srinagar?
(a) Mana Pass
(b) Nathula Pass
(c) Zoji La Pass about:blank 37/124 3/5/24, 5:47 PM about:blank
(d) Rohtang Pass
Answer: (c)

53. ____ on the Bhagirathi river is the biggest, highest and tallest dam in India.
(a) Tehri Dam
(b) Bhakra Dam
(c) Lakhwar Dam
(d) Idukki Arch Dam
Answer: (a)

54. _____ recorded the highest decadal population growth rate between 2001-2011, according to 2011 census.

(a) Dadra and Nagar

(b) Chennai

(c) Delhi

(d) Chandigarh about:blank 38/124 3/5/24, 5:47 PM about:blank

Answer: (a)

55. By who's hand was the Indian Constitution penned?

(a) Indira Gandhi

(b) Prem Behari Narain Raizada

(c) B.R. Ambedkar

(d) Balasaheb Gangadhar Kher

Answer: (b)

56. In which year was the National Commission for Women established?

(a) 1992

(b) 1993

(c) 1994

(d) 1995 about:blank 39/124 3/5/24, 5:47 PM about:blank

Answer: (a)

57. Who has the authority to raise the number of Sup ıe Court Judges?

(a) Parliament

(b) President

(c) Prime Minister

(d) Minister of Law

Answer: (a)

58. Which of the following Indian Chief Justices has held the office of India's President?

(a) P.B. Gajendra Gadkar

(b) P.N. Bhagwati

(c) M. Hidayatullah

(d) Narendra Modi

Answer: (c)

59. Which of the following specimens did Mendel choose for his study?

(a) Drosophila

(b) Snake

(c) Rat

(d) Pea

Answer: (d)

60. Oncogene is responsible for:

(a) Lung Disease

(b) Malaria

(c) Cancer

(d) Typhoid

Answer: (c)

61. Who was awarded "Man of the Century" Title for Contributions to Socialism in 2023?

(a) Medha Patkar

(b) Pandit Ramkishan

(c) Laxmi Agarwal

(d) Satendra Singh

Answer: (b)

62. In which city of India will the Formula-E championship 2023 be held? about:blank 42/124 3/5/24, 5:47 PM about:blank

(a) Chennai

(b) Mumbai

(c) Kolkata

(d) Hyderabad

Answer: (d)

63. Which organisation in August 2023 issued new g elines on professional conduct for doctors, which mandate them to prescribe only generic dru nstead of specific brands?

(a) National Medical Institute

(b) National Medical Commission

(c) Indian Medical Association

(d) Indian Medical Commity

Answer: (b)

64. about:blank 43/124 3/5/24, 5:47 PM about:blank Which of the following was a politician, and lawyer frequently referred to as the Father of Indian Economic Reforms?

(a) P. V. Narasimha Rao

(b) Amartya Sen

(c) Arvind Panagariya

(d) Kaushik Basu

Answer: (a)

65. Formed in 1972 _____ , operating in Gujarat is considered the first microfinance programme in India.

(a) Saraswati Co-operative Bank

(b) Self Employed Women's Association (SEWA) Cooperative Bank

(c) Saraswat Co-operative Bank

(d) Bharat Co-operative Bank

Answer: (b)

66. _____ was the first Indian to estimate the national income of the India. about:blank 44/124 3/5/24, 5:47 PM about:blank

(a) R.C. Desai

(b) Dadabhai Naoroji

(c) V.K.R.V Rao

(d) Findlay Shirarras

Answer: (b)

67. _____was a revolutionary activist and founder member of the secret organization, Anushilan Samiti, started in Calcutta in 1902.

(a) Khudiram Bose

(b) Satish Chandra Basu

(c) Surya Sen

(d) Netaji Subhash Chandra Bose

Answer: (b)

68. Jahangir Mahal is situated in which of the following forts?
about:blank 45/124 3/5/24, 5:47 PM about:blank

(a) Agra Fort

(b) Gwalior Fort

(c) Jhansi Fort

(d) Red Fort

Answer: (a)

69. "A Brief History Of Time" is the Autobic ·phy

(a) Stephen Hawking

(b) Charles Robert Darwin

(c) Albert Einstein

(d) Thomas Edison

Answer: (a)

70. The book "The Seven Moons of Maali Almeida",written by ____, received the Booker Prize Award in 2022.

(a) Vikram Seth about:blank 46/124 3/5/24, 5:47 PM about:blank

(b) Shehan Karunatilaka

(c) Arundhati Roy

(d) R K Narayan

Answer: (b)

71. People of which of the following Indian States or Union Territories speak the Dogri language?

(a) Bihar

(b) Jammu and Kashmir

(c) Tamil Nadu

(d) Chennai

Answer: (b)

72. The International Sand Art Festival is a remarkable cultural event held by the _____ Tourism Department.

(a) Orissa

(b) Rajasthan about:blank 47/124 3/5/24, 5:47 PM about:blank

(c) Gujarat

(d) Kerala

Answer: (a)

73. The harvest festival known as _____, which is observed in Assam, signals the start of the Assamese New Year.

(a) Saga Dawa

(b) Losoong

(c) Drupka Teshi

(d) Bohag Bihu

Answer: (d)

74. _____ are called tidal forest because of their dense growth. They only grow at tropical and subtropical latitudes near the equator because they cannot withstand freezing temperatures.

(a) Evergreen Forest about:blank 48/124 3/5/24, 5:47 PM about:blank

(b) Mangrove Forest

(c) Thorn Forest

(d) Pine Forest

Answer: (b)

75. The Radcliffe Line divides which of the following countries?

(a) India and Pakistan

(b) India and Nepal

(c) India and Afghanistan

(d) India and Bhutan

Answer: (a)

76. What minimum age must a candidate be to run in the Indian presidential election?

(a) 25

(b) 35 about:blank 49/124 3/5/24, 5:47 PM about:blank

(c) 45

(d) 55

Answer: (b)

77. Which of the articles discusses the aid that the Union government provides to the states?

(a) Article 277

(b) Article 275

(c) Article 276

(d) Article 273

Answer: (b)

78. Water vapour loss from plants is referred to as _____.

(a) Transpiration

(b) Perspiration

(c) Absorption

(d) Respiration about:blank 50/124 3/5/24, 5:47 PM about:blank

Answer: (a)

79. Which of the following food item is not a starch?

(a) Eggs

(b) Cornflour

(c) Wheat Flour

(d) Potatoes

Answer: (a)

80. Fermentation takes place in which component of a cell?

(a) Cytoplasm

(b) Protoplasm

(c) Mitochondria

(d) Cell Wall about:blank 51/124 3/5/24, 5:47 PM about:blank

Answer: (a)

81. In a class of 40 students, 25% of them are boys, a the rest are girls. If the average score of boys is 60, and the average score of girls is 75, wha the average score for the whole class?

(a) 70.45

(b) 71.25

(c) 68.79

(d) 74.6 about:blank 52/124 3/5/24, 5:47 PM about:blank

Answer: (b)

82. Two tanks contain a solution. The first tank has 25 liters of a solution with a ratio of 3:2 (acid to water), and the second tank has 35 liters of a solution with a ratio of 3:4 (acid to water). If the contents of both tanks are mixed together, find the ratio of acid to water in the new mixture.

(a) 1:1

(b) 4:3

(c) 1:3

(d) 3:4

Answer: (a)

84. about:blank 54/124 3/5/24, 5:48 PM about:blank Find the value of $160 \div 8 + 5^2 + 37 - 24 \div 6 \times 7 + 4$.

(a) 42

(b) 36

(c) 58

(d) 65

Answer: (c)

85. The ratio of two numbers is 3 : 7, and their LCM is 84. Find the two numbers

(a) 14 and 28

(b) 12 and 28

(c) 12 and 16

(d) 16 and 20

Answer: (b)

86. The LCM of two numbers is 525 and their HCF is 7. If one number is 21, determine the other number.

(a) 175

(b) 190

(c) 155

(d) 160

Answer: (a)

87. If 75% of a number is equal to 1500, then find the number.

(a) 1200

(b) 1800

(c) 2400

(d) 2000

Answer: (d)

88. If C invests 25% of his savings in stocks. If his income increases by 60% and he continues to invest the same amount in stocks, find the percentage increase in his savings.

(a) 50.55%

(b) 80%

(c) 66%

(d) 40.44%

Answer: (b)

89. A shopkeeper bought 15 books for Rs. 600 and sold them at 10 books for Rs. 400. Calculate the loss percentage.

(a) 15%

(b) 12%

(c) 0%

(d) 8%

Answer: (c)

90. A store owner sells 25 mobile phones and makes a profit equal to the cost price of 10 mobile phones.
Calculate his profit percentage.
about:blank 57/124 3/5/24, 5:48 PM about:blank

(a) 40%

(b) 50%

(c) 30%

(d) 60%

Answer: (a)

91. If the ratio of M to N is 7 : 6 and the ratio of N to O is 8 : 9, and N is equal to 48, determine the value of O.

(a) 54

(b) 68

(c) 45

(d) 63

Answer: (a)

92. If L : K = 9 : 2 and L − K = 63, find the value of L + K.
about:blank 58/124 3/5/24, 5:48 PM about:blank

(a) 112

(b) 88

(c) 99

(d) 110

Answer: (c)

93. 8 workers can earn Rs. 1600 in 16 days. Find the earnings of 4 workers in 8 days.

(a) Rs. 620

(b) Rs. 400

(c) Rs. 550

(d) Rs. 370

Answer: (b)

94. A train, 200 meters long, is running at 72 km/h. How long (in seconds) will it take to cross a platform that is 180 meters long?

(a) 19 sec

(b) 8 sec

(c) 12 sec

(d) 11 sec

Answer: (a)

95. Two aeroplanes, Flight A and Flight B, are flying towards each other in opposite directions. Flight A is flying at a speed of 550 miles per hour, and Flight B is flying at a speed of 450 miles per hour. If they start 4000 miles apart, how long will it take for them to meet?

(a) 3 hours

(b) 2.5 hours

(c) 5 hours

(d) 4 hours

Answer: (d)

96. A runner completes a marathon of 24.5 miles in 3.5 hours. Calculate the runner's speed in miles per hour.

(a) 11

(b) 14

(c) 7

(d) 9

Answer: (c)

97. Two towns, P and Q, are 290 kilometers apart on a straight highway. One cyclist starts from town P at 6 a.m. and rides towards town Q at a speed of 20 km/hr. Another cyclist starts from town Q at 7 a.m. and rides towards town P at a speed of 25 km/hr. At what time will they meet?

(a) 12:40 pm

(b) 1:00 pm

(c) 2:20 pm

(d) 1:40 pm

Answer: (b)

98. If the curved surface area of a cylindrical tin can is three-fourths of its volume, what is the diameter of the cylinder?

(a) 12/7 cm

(b) 7/5 cm

(c) 16/3 cm

(d) 14/9 cm

Answer: (c)

99. The radius of a right circular cylinder is 10 cm. Its height is seven times its radius. What is the curved surface area of the cylinder?

(a) 3850 sq.cm

(b) 4400 sq.cm

(c) 4510 sq.cm

(d) 5291 sq.cm

Answer: (b)

100. Two solid spheres with radii of 21 cm each are melted and formed into a single solid hemisphere. Find the volume of the new hemisphere formed.

(a) 76617 cc

(b) 71616 cc

(c) 77616 cc

(d) 76716 cc

Answer: (c)

101. Tom borrows $7,500 from a bank at an annual interest rate of 10%. If he keeps the money for 4 years, how much interest will he have to pay?

(a) 3550

(b) 2500

(c) 3000 about:blank 63/124 3/5/24, 5:48 PM about:blank

(d) 4200

Answer: (c)

102. A principal amount of $3,050 is invested in a savings account that offers a 20% annual interest rate, compounded annually. Calculate the total amount in the account after 3 years.

(a) 5720.4

(b) 5070.4

(c) 5270.4

(d) 5027.4

Answer: (c)

103. The difference between compound interest and simple interest on a sum at 12.5% per annum for two years is Rs. 625. Find the sum.

(a) Rs. 52,000

(b) Rs. 35,000 about:blank 64/124 3/5/24, 5:48 PM about:blank

(c) Rs. 48,000

(d) Rs. 40,000

Answer: (d)

106. The greatest number which divides 448 and 626 and leaves remainder 3 in each case is:

(a) 12

(b) 71

(c) 37

(d) 89

Answer: (d)

107. The product of two numbers is 136 and the sum of their squares is 353. Determine the sum of the two numbers.

(a) 16
(b) 42
(c) 35
(d) 25

Answer: (d)

108. Determine the value of 420 + 28 - 6 × 15 + 112

(a) 429
(b) 470
(c) 482
(d) 490

Answer: (b)

109. In a school election, there are two candidates. The first candidate receives 42% of the votes, and the total number of votes cast is 12,500. Calculate the number of votes received by the second candidate.

(a) 7050
(b) 7520
(c) 7020
(d) 7250

Answer: (d)

110. Rajesh spends 60% of his income. If his income increases by 15% and his savings decrease by 25%, then find the percentage increase in his expenditure.

(a) 47.16%
(b) 46.71%
(c) 41.67%
(d) 44.76%

Answer: (c)

111. A store is offering a discount of 25% on a laptop originally priced at $800. Calculate the selling price of the laptop after the discount.

(a) 720
(b) 920
(c) 520
(d) 600

Answer: (d)

112. A dress is listed for $150, and a customer first receives a 15% discount, followed by a 10% discount on the reduced price. Calculate the final selling price after both discounts.

(a) 414.75

(b) 411.75

(c) 114.75

(d) 141.75

Answer: (c)

113. A retailer marks up the price of a smartphone by 40% above the cost price and then offers a 20% discount.
Calculate the retailer's profit percentage.

(a) 14.5%

(b) 12%

(c) 18%

(d) 15.5%

Answer: (b)

114. If the third proportion of 6 and X is 54 and the third proportion of 3 and Y is 27, then find the ratio X : Y.

(a) 2 : 1

(b) 1 : 3

(c) 4 : 1

(d) 6 : 1

Answer: (a)

115. If a certain amount is divided into two pa[illegible]e ratio 5:7, and the smaller part is Rs. 3,000, find the total amount.

(a) Rs. 7050

(b) Rs. 7200

(c) Rs. 6800

(d) Rs. 6500

Answer: (b)

116. X, Y, and Z are painters. X can paint a room in 5 hours, Y in 8 hours alone. All three together can paint it in 3 hours. In what time will Z complete the painting job alone?

(a) 150 hours

(b) 115 hours

(c) 130 hours

(d) 120 hours

Answer: (d)

117. A factory produces 60 bicycles in 15 days with 12 workers. How many workers are needed to produce the same number of bicycles in 10 days?

(a) 24
(b) 13
(c) 18
(d) 16

Answer: (c)

118. Determine the area of a triangle with a height of 90 cm and a base that is one-fifth of the height.

(a) 780 sq.cm
(b) 810 sq.cm
(c) 920 sq.cm
(d) 660 sq.cm

Answer: (b)

119. If the volume of two cones is in the ratio 64 : 27, then find the ratio of their radii if the ratio of their heights is 3 : 25.

(a) 40 : 9
(b) 40 : 17
(c) 27 : 40
(d) 17 : 27

Answer: (a)

120. Determine the surface area of a spherical ball with a radius of 0.7 cm.

(a) 5.24 sq.cm
(b) 4.72 sq.cm
(c) 8.24 sq.cm
(d) 6.16 sq.cm

Answer: (d)

121. Complete the following sentence with the appropriate question tag:
Sarah is coming to the party tonight, _____?

(a) isn't she
(b) is she
(c) will she
(d) doesn't she

Answer: (a)

122. Complete the following sentence with the appropriate question tag:
John isn't a talented musician, _____?

(a) doesn't he
(b) is he
(c) isn't he
(d) isn't John

Answer: (b)

123. Choose the correct adjective to complete the sentence:
The _____ sunset painted the sky in brilliant shades of orange and pink.

(a) obnoxious

(b) belligerent

(c) breathtaking

(d) livid about:blank 76/124 3/5/24, 5:48 PM about:blank

Answer: (c)

124. Complete the sentence with the appropriate adverb of degree:
"She excels in her studies, performing _____ at the top of her class."

(a) scarcely

(b) marginally

(c) exceptionally

(d) frugally

Answer: (c)

125. Complete the sentence with the appropriate preposition:
John is allergic _____ peanuts and can't eat any food that contains them.

(a) with

(b) for

(c) to

(d) by

Answer: (c)

126. Complete the sentence with the appropriate conjunction:
She wanted to go to the movies, _____ she didn't have enough money.

(a) but

(b) and

(c) or

(d) so

Answer: (a)

127. Reorder the following sentences/paragraphs to create a logical and coherent passage.
A. Air travel has undergone remarkable evolution.
B. Early biplanes and propeller-driven aircraft gave way to faster jets.
C. From the Wright brothers' historic flight in 1903 to the present day, it has transformed into a global industry.
D. Today, we have advanced technologies, spacious cabins, and international connectivity.

(a) ABCD

(b) ACBD

(c) ADBC

(d) ABDC

Answer: (b)

128. Reorder the following sentences/paragraphs to create a logical and coherent passage.
A. From staying connected with loved ones to conducting business on the go, cell phones offer convenience and efficiency.
B. They provide instant communication, access to information, and a myriad of apps for various needs.
C. Cell phones have become an integral part of modern life.
D. However, their overuse has raised concerns about distractions, privacy, and screen time; striking a balance in the responsible use of cell phones is key.

(a) CBAD about:blank 79/124 3/5/24, 5:48 PM about:blank

(b) CDAB

(c) CADB

(d) CDBA

Answer: (a)

129. Reorder the following sentences/paragraphs to create a logical and coherent passage.
A. The advent of Christianity marked a significant turning point in history.
B. Rooted in the teachings of Jesus Christ, it emerged in the 1st century and spread rapidly through the Roman Empire.
C. With its message of love, salvation, and forgiveness, Christianity offered a profound spiritual alternative to the prevailing beliefs.
D. It became the official religion of the Roman Empire in the 4th century, shaping Western civilization and influencing cultures worldwide.

(a) ABCD

(b) ACBD

(c) ADBC

(d) ACDB

Answer: (a)

130. Choose the correct one-word substitution for the following phrase:
"A person who loves and collects books."

(a) Bibliophile

(b) Philanthropist

(c) Biologist

(d) Anthropologist

Answer: (a)

131. Choose the correct one-word substitution for the following phrase:
"A person who is skilled in making and repairing locks."

(a) Mechanic

(b) Locksmith

(c) Blacksmith

(d) Carpenter

Answer: (b)

132. Choose the correct one-word substitution for the following phrase:
"A person who walks in their sleep."

(a) Somnambulist
(b) Narcoleptic
(c) Insomniac
(d) Hypochondriac

Answer: (a)

136. Identify the synonym (similar in meaning to) of the bracketed word in the given sentence.
The [serene] lake offered a peaceful and calming setting for the meditation retreat.

(a) surreal
(b) tumultuous
(c) tranquil
(d) chaotic

Answer: (c)

137. Identify the antonym (opposite in meaning to) of the bracketed word in the given sentence.
She completed the marathon with [remarkable] speed and determination.

(a) degradable
(b) ordinary
(c) extraordinary
(d) impressive

Answer: (b)

138. Identify the error in the following sentence:
By the time the marathon/ begins, she will have being/ training for six months.

(a) By the time the marathon
(b) begins, she will have being
(c) training for six months.
(d) No Error

Answer: (b)

139. Identify the error in the following sentence:
After a long and challenging journey, they finally/ reached the summit, and their/ achievement has filled them with a sense of pride and accomplishment.

(a) After a long and challenging journey, they finally
(b) reached the summit, and their
(c) achievement has filled them with a sense of pride and accomplishment.
(d) No Error

Answer: (c)

141. Choose the correct one-word substitution for the following phrase:
"A person who studies the earth's natural features and processes."

(a) Geologist
(b) Biologist
(c) Astronomer
(d) Philanthropist

Answer: (a)

142. Identify the antonym (opposite in meaning to) of the bracketed word in the given sentence.
His insatiable appetite for knowledge led him to [voraciously] read every book in the library.

(a) vividly
(b) reluctantly
(c) greedily
(d) sparingly

Answer: (b)

143. Identify the synonym (similar in meaning to) of the bracketed word in the given sentence.
The colours of the sunset painted a [vivid] picture in the sky.

(a) vigilant
(b) crude
(c) vibrant
(d) lacklustre about:blank 88/124 3/5/24, 5:48 PM about:blank

Answer: (c)

144. Identify the error in the following sent[illegible]:
She has been practiced the piano/ for hours, [illegible] to perfect/ her performance for the upcoming recital.

(a) She has been practiced the piano
(b) for hours, hoping to perfect
(c) her performance for the upcoming recital.
(d) No Error

Answer: (a)

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

(a) malfeasant
(b) majestic
(c) shrubby
(d) fragile

Answer: (b)

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

(a) illuminates
(b) darkens
(c) shields
(d) conceals

Answer: (d)

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

(a) sky
(b) haze
(c) carpet
(d) canopy

Answer: (d)

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

(a) struggles
(b) harmony
(c) disarray
(d) connects

Answer: (b)

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	**(c)**	2	**(a)**	3	**(d)**	4	**(a)**	5	**(c)**	6	**(a)**
7	**(b)**	8	**(a)**	9	**(c)**	10	**(d)**	11	**(c)**	12	**(b)**
16	**(a)**	18	**(c)**	19	**(a)**	20	**(c)**	21	**(a)**	22	**(b)**
23	**(a)**	24	**(c)**	25	**(d)**	26	**(c)**	27	**(b)**	28	**(d)**
29	**(b)**	31	**(d)**	32	**(a)**	33	**(b)**	37	**(a)**	38	**(c)**
39	**(b)**	40	**(c)**	41	**(a)**	42	**(b)**	43	**(a)**	44	**(a)**
45	**(b)**	46	**(a)**	47	**(b)**	48	**(a)**	49	**(b)**	50	**(c)**
51	**(c)**	52	**(c)**	53	**(a)**	54	**(a)**	55	**(b)**	56	**(a)**
57	**(a)**	58	**(c)**	59	**(d)**	60	**(c)**	61	**(b)**	62	**(d)**
63	**(b)**	64	**(a)**	65	**(b)**	66	**(b)**	67	**(b)**	68	**(a)**
69	**(a)**	70	**(b)**	71	**(b)**	72	**(a)**	73	**(d)**	74	**(b)**
75	**(a)**	76	**(b)**	77	**(b)**	78	**(a)**	79	**(a)**	80	**(a)**
81	**(b)**	82	**(a)**	84	**(c)**	85	**(b)**	86	**(a)**	87	**(d)**
88	**(b)**	89	**(c)**	90	**(a)**	91	**(a)**	92	**(c)**	93	**(b)**
94	**(a)**	95	**(d)**	96	**(c)**	97	**(b)**	98	**(c)**	99	**(b)**
100	**(c)**	101	**(c)**	102	**(c)**	103	**(d)**	106	**(d)**	107	**(d)**
108	**(b)**	109	**(d)**	110	**(c)**	111	**(d)**	112	**(c)**	113	**(b)**
114	**(a)**	115	**(b)**	116	**(d)**	117	**(c)**	118	**(b)**	119	**(a)**
120	**(d)**	121	**(a)**	122	**(b)**	123	**(c)**	124	**(c)**	125	**(c)**
126	**(a)**	127	**(b)**	128	**(a)**	129	**(a)**	130	**(a)**	131	**(b)**
132	**(a)**	136	**(c)**	137	**(b)**	138	**(b)**	13	**(c)**	141	**(a)**
142	**(b)**	143	**(c)**	144	**(a)**	156	**(b)**	157	**(d)**	158	**(d)**
									(b)		