PREVIOUS YEAR PAPER

DSSSB Junior Assistant 2021 — 25 August 2021, sitting 5

DSSSB Junior Assistant / Junior Clerk · 25 August 2021

138 of the paper's 200 questions · +1 for a correct answer, −0.25 for a wrong one · 120 minutes

Left out of the original paper: 62 (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 25 August 2021. 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-junior-assistant-clerk/previous-year-papers/dsssb-junior-assistant-clerk-2021-junior-assistant-25-aug-5/

General Ability1

1. Find the missing term in the following letter series.
A, D, I, _____, Y

(a) L
(b) P
(c) S
(d) V

Answer: (b)

2. Find the missing term in the following series.
M05, KR8, IU11 , GX14 , _____

(a) EA17
(b) DZ17
(c) EB19
(d) AZ20

Answer: (a)

3. Find the wrong term in the the following series.
F1N, I8Q, L27T, O64W, U125A

(a) I8Q
(b) O64W
(c) L27T
(d) U125A

Answer: (d)

4. Arrange the terms in a meaningful sequence.
1. Crore
2. Lakh
3. Million
4. Thousand
5. Billion
6. Hundred

(a) 643215

(b) 642315

(c) 642135

(d) 641235

Answer: (b)

5. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) Snapdeal

(b) Amazon

(c) Instagram

(d) Myntra

Answer: (c)

6. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) Teacher : Student

(b) Doctor : Patients

(c) Lawyer : Criminal

(d) Bank : Employee

Answer: (d)

7. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) IHJ

(b) XWY

(c) MNO

(d) EDF

Answer: (c)

8. Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest.

(a) HM

(b) SZ

(c) EJ

(d) LQ

Answer: (b)

9. Select the option that is related to the third term on the same basis as the second term is related to the first term.
Fish : Water :: Camel : ?

(a) Tree
(b) Desert
(c) Island
(d) Forest

Answer: (b)

10. Three of the following pair of words are alike in a certain way and one is different. Pick the odd one out.

(a) Curd : Milk
(b) Wine : Grapes
(c) Seed : Oil
(d) Rubber : Latex

Answer: (c)

11. Select the option that is related to the third term on the same basis as the second term is related to the first term AD : GJ :: MP : ?

(a) SV
(b) JK
(c) TW
(d) RU

Answer: (a)

12. Select the option that is related to the third [illegible]n the same way as the second word is related to the word.
Badminton : Court : : Skating : _____

(a) Ring
(b) Rink
(c) Ground
(d) Track

Answer: (b)

13. In a certain code language, if LOVE is coded as MPWF, then what will ENEMY be coded as?

(a) FHFOA
(b) FOFNZ
(c) FOFKX
(d) DMDKX

Answer: (b)

14. In a certain code language:
"igu tam che" means some tasty fruits, "tam nik fla" means some fresh vegetables, "kir fla igu" means few tasty vegetables, What is the code of " vegetables" ?

(a) kir
(b) igu
(c) fla
(d) tam

Answer: (c)

15. In a certain code language, BFGIK is coded as YUTRP, CEFXL is coded as XVUCO, then what will MUSIC be coded as ?

(a) NFHRX
(b) NFGRW
(c) NGRFX
(d) NHFRX

Answer: (a)

16. If in a certain code language, HUMANITY is coded as 72304816, LAUGHTER is coded as 20267148, then what will RELAXED be coded as?

(a) 8420345
(b) 8203456
(c) 8420543
(d) 8024385

Answer: (c)

17. Pointing to a photograph, Subham said, the [illegible] the picture is the daughter of the mother of my father's son. How is the lady related to Subham?

(a) Sister
(b) Cousin
(c) Mother
(d) Grandmother

Answer: (a)

18. A, B, C, D, E, F and G are sitting around a round table in the given order: i) A is second to the left of G
ii) B is sitting just right of G
iii) E is third from right to B
iv) F is to left of C
Then who is to the immediate right of A?

(a) D
(b) E
(c) G
(d) F

Answer: (a)

19. A team of five is to be selected from amongst five women Anu, Varsha, Carolin, Deepa and Ekta and four men Punit, Rishab, Subham and Tanmay. Some criteria for selection are:
Anu and Subham have to be together.
Punit cannot be put with Rishab.
Deepa and tanmay will never be in same team.
Carolin and Ekta are always in the same team.
Rishab cannot be with Varsha in the same team.
If Rishab be one of the members, the other members of the team are _____.

(a) Punit, Subham, Anu, Deepa

(b) Subham, Anu, Carolin, Ekta

(c) Tanmay, Subham, Anu, Deepa

(d) Tanmay, Subham, Carolin, Ekta

Answer: (b)

20. Read the following question carefully and then answer accordingly:
A, B, C, D, E are five friends.
A is younger than B but elder than E.
C is the eldest.
D is younger than B, but elder than A.
Which of the following options shows the ascending order of their ages?

(a) ADBEC

(b) AEDBC

(c) EADBC

(d) DAEBC

Answer: (c)

General Ability2

21. In this question, three statements have been given followed by two conclusions numbered I and II. Assuming that all information in the statement is true, analyse the two conclusions together and determine whether any of them logically and definitely follow(s) from the information given in the statement.
Statement I: All fruits are good.
Statement II: All good is bad.
Statement III: All bad are vegetables.
Conclusion:
I) All bad are fruits.
II) Some vegetables are good.

(a) Only I follows

(b) Only II follows

(c) Both I and II follows

(d) Neither I nor II follows

Answer: (b)

22. In this question, two statements have been given followed by two conclusions numbered I and II. Assuming that all information in the statement is true, analyse the two conclusions together and determine whether any of them logically and definitely follow(s) from the information given in the statement.
Statement I: All cereal are wheat.
Statement II: All wheat are bajra.
Conclusions:
I) Some cereal are not bajra.
II) Some bajra are cereal.

(a) Only I follows

(b) Only II follows

(c) Both I and II follows

(d) Neither I nor II follows

Answer: (b)

23. In the question given below, there are two statements marked as Assertion (A) and Reason (R). Mark your answer as per the codes in options.
Assertion (A): Darjeeling is colder than Kolkata.
Reason (R): Darjeeling is at a higher altitude as compared to Kolkata.

(a) Both A and R are true and R is the correct explanation of A.

(b) Both A and R are true but R is not the correct explanation of A.

(c) A is true but R is false.

(d) A is false but R is true.

Answer: (a)

24. In this question, a statement has been [illegible] followed by three course of action numbered I, II and III. Assuming that all information in the [illegible] is true, analyse the three actions together and determine whether any of them logically and definitely follow(s) from the information given in the statement.
Statement: Coronavirus is spreading in India at an alarming rate causing death of around 100 people.
Courses of Action:
I) The Goverment should extend lockdown until situation comes under control.
II) The Government should allocate food and general resources to needy people.
III) People should stop social distancing within families and friends.

(a) Only I and II follow

(b) Only II and III follow

(c) only III follows

(d) only II follows

Answer: (a)

25. Which two signs should be interchanged to make the below equation mathematically correct?
16 + 4 - 2 × 2 ÷ 3 = 3

(a) × and +

(b) ÷ and +

(c) ÷ and -

(d) × and -

Answer: (b)

26. Find the missing term in the following number series:
8, 9, 12, 18, ____, 43

(a) 25
(b) 27
(c) 38
(d) 28

Answer: (d)

27. The total of the ages of Rohit, Ramesh and Rahul is 45 years. What was the average of their ages three years ago?

(a) 15
(b) 14
(c) 12
(d) 10

Answer: (c)

28. If there are 13 people in a party and all of them handshake with each other, find the total number of handshakes done?

(a) 169
(b) 156
(c) 78
(d) 25

Answer: (c)

29. At a party, 50 percent of people eat ice cream, 30 percent of people eat chocolate, 20 percent eat both. What percent of people neither eat chocolate nor icecream?

(a) 65
(b) 45
(c) 50
(d) 40

Answer: (b)

General Awareness1

41. In which of the following states is the Kumbhalgarh Fort located?

(a) Maharashtra
(b) Tamil Nadu
(c) Rajasthan
(d) Madhya Pradesh

Answer: (c)

42. The Pai songs are most popular folk songs in which of the following states?

(a) Maharashtra

(b) Madhya Pradesh

(c) Andhra Pradesh

(d) West Bengal

Answer: (b)

43. Zemmado is an interesting dance form in which women belonging to the Dhangar community of Goa imitate the actions of which of the following animals?

(a) Elephant

(b) Lion

(c) Goat

(d) Cow

Answer: (c)

44. Kharchi Puja is a festival which involves worshipping of _____ gods who forms the dynasty deity of the Tripuri people.

(a) 11

(b) 12

(c) 13

(d) 14

Answer: (d)

45. A _____ was originally defined as a tax o l spot conversions of one currency into another.

(a) Tobin tax

(b) Pigouvian tax

(c) Octroi tax

(d) Corporate tax

Answer: (a)

46. Which among the following banks was not nationalised in 1969?

(a) Allahabad Bank

(b) Central Bank of India

(c) Bank of India

(d) Andhra Bank

Answer: (d)

47. The Union Budget was presented at 5 pm in the Parliament till the year _____.

(a) 1995

(b) 2001

(c) 2000

(d) 2005

Answer: (c)

48. Which among the following banks was earlier known as the 'Imperial Bank of India'?
    (a) State Bank of India
    (b) Bank of India
    (c) Reserve Bank of India
    (d) Central Bank of India
    Answer: (a)

49. Who among the following was the first woman to have presented the budget in the parliament?
    (a) Sonia Gandhi
    (b) Pratibha Patil
    (c) Indira Gandhi
    (d) Nirmala Sitharaman
    Answer: (c)

50. Which of these organs helps in the filtration of blood?
    (a) Kidney
    (b) Lungs
    (c) Gallbladder
    (d) Larynx
    Answer: (a)

51. Which among the following is the first thermal pov plant of National Thermal Power Corporation Limited?
    (a) Talcher Super Thermal Power Station
    (b) Sikka Thermal Power Plant
    (c) Rihand Thermal Power Plant
    (d) Singrauli Super Thermal Power Plant
    Answer: (d)

52. Which among the plant kingdoms is also known as the amphibians of the plant kingdom?
    (a) Bryophyte
    (b) Thallophyte
    (c) Gymnosperms
    (d) Angiosperms
    Answer: (a)

53. Which among the following national parks is the only national park in which four Big Cats – tiger, leopard, snow leopard and clouded leopard are found?
    (a) Narayan National Park
    (b) Namdapha National Park
    (c) Kaziranga National Park
    (d) Dachigam National Park
    Answer: (b)

54. Which among the following defects is also known as near-sightedness?
(a) Myopia
(b) Cataract
(c) Hypermetropia
(d) Presbyopia
Answer: (a)

55. India does not share its borders with which of the following countries?
(a) China
(b) Pakistan
(c) Bhutan
(d) Thailand
Answer: (d)

56. Which among the following peaks is also known as "Hidden Peak"?
(a) Kanchenjunga
(b) Gasherbrum I
(c) Nanda Devi
(d) Godwin Austen
Answer: (b)

57. Which among the following is not a tributary of Da dar river?
(a) Bokaro
(b) Ghari
(c) Konar
(d) Bhavani
Answer: (d)

58. Which among the following separates the Tamil Nadu state of India and the Mannar district of Sri Lanka?
(a) Durand Line
(b) Palk Strait
(c) Radcliffe Line
(d) MacMohan Line
Answer: (b)

59. When was the Indian Independence Act passed?
(a) January 1947
(b) December 1947
(c) July 1947
(d) March 1947
Answer: (c)

60. Which among the following plan is also known as "Breakdown Plan"?
    (a) Wavell Plan
    (b) Dalhousie Plan
    (c) Cornwallis Plan
    (d) Bentinck Plan
    Answer: (a)

General Awareness2

61. Who among the following was not an Extremist leader?
    (a) Bipin Chandra Pal
    (b) Bal Gangadhar Tilak
    (c) Lala Lajpat Rai
    (d) Dadabhai Naoroji
    Answer: (d)

62. The Ahmadiyya Movement was started in _____ by Mirza Ghulam Ahmed.
    (a) 1889
    (b) 1870
    (c) 1902
    (d) 1852
    Answer: (a)

63. Who among the following was the first Governo eneral of Independent India?
    (a) Lord Cornwallis
    (b) Lord Dalhousie
    (c) Lord Bentinck
    (d) Lord Mountbatten
    Answer: (d)

64. Which among the following countries is not a member of the Group of Eight (G8)?
    (a) United States
    (b) Japan
    (c) United Kingdom
    (d) India
    Answer: (d)

65. 'Mind Master' is an autobiography of which of the following persons?
    (a) Viswanathan Anand
    (b) Sachin Tendulkar
    (c) Bhagat Singh
    (d) Sania Mirza
    Answer: (a)

66. Kalinga Prize is an award given by UNESCO for the contribution in the field of _____.

(a) literature
(b) science
(c) peace
(d) architecture

Answer: (b)

67. Which among the following was India's first experimental satellite launch vehicle?

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

Answer: (c)

68. Who became the first hockey player in India to win 'World Games Athlete of the Year' award in 2020?

(a) Rani Rampal
(b) Manpreet Singh
(c) Sandeep Singh
(d) Gurjit Kaur

Answer: (a)

69. The Indian Navy launched 'Operation _____' January 2020 to provide relief and assistance to the cyclone-hit population of Madagascar.

(a) Disaster
(b) Cyclone
(c) Chocolate
(d) Vanilla

Answer: (d)

70. On April 9, 2020, the _____ launched a revised version of Swachhata application.

(a) Ministry of Defence
(b) Ministry of Human Resource Development
(c) Ministry of Housing and Urban Affairs
(d) Ministry of Home Affairs

Answer: (c)

71. _____ tableau has been adjudged the best among the 16 states and union territories that participated in the Republic Day parade 2020.

(a) Odisha's
(b) Assam's
(c) Uttar Pradesh's
(d) Gujarat's

Answer: (b)

72. Who is currently (as of August 2021) the President of India?

(a) Ram Nath Kovind
(b) Narendra Modi
(c) Pranab Mukherjee
(d) Pratibha Patil

Answer: (a)

73. Which among the following constitutional amendment is the Land Boundary Agreement (LBA) between India and Bangladesh?

(a) 98th
(b) 99th
(c) 101st
(d) 100th

Answer: (d)

74. Which among the following parts in the Indian Constitution is associated with the Fundamental duties?

(a) IV
(b) VIA
(c) IVA
(d) V

Answer: (c)

75. According to which of the following Articles, the State shall not deny to any person equality before the law or the equal protection of the laws within the territory of India?

(a) 24
(b) 14
(c) 32
(d) 20

Answer: (b)

76. Who among the following was an Indian player to feature in Women's ICC T20 World Cup team of the tournament 2020?

(a) Deepti Sharma
(b) Priya Punia
(c) Mithali Raj
(d) Poonam Yadav

Answer: (d)

77. Who among the following hosted the first one-day Cricket World Cup tournament held in 1975?

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

Answer: (a)

78. Who among the following won the men's singles title at the Dubai Tennis Championships 2020?

(a) Rafael Nadal

(b) Mahesh Bhupati

(c) Novak Djokovic

(d) Andy Murray

Answer: (c)

79. The number of women match officials across different International Cricket Council panels is _____ as of 10th April 2020.

(a) 14

(b) 16

(c) 8

(d) 12

Answer: (d)

80. Who among the following won the men's race at Tokyo Marathon 2019?

(a) Bashir Abdi

(b) Birhanu Legese

(c) Mule Wasihun

(d) Masato Imai

Answer: (b)

Arithmetic Ability1

82. The length, breadth and height of a roo[illegible]re 1[illegible]m, 180 m and 210 m respectively. What is the length of the longest rope that can measure th[illegible]e dimensions of the room exactly?

(a) 30 m

(b) 20 m

(c) 10 m

(d) 5 m

Answer: (c)

83. At an animal shelter 3/7 of the animals are dogs. Out of the dogs 1/4 are females. What fraction of the animals at the shelter are male dogs?

(a) 9/28

(b) 3/4

(c) 3/7

(d) 9/31

Answer: (a)

84. Five electronic devices make a beep after every 5 minutes, 10 minutes, 25 minutes, 35 minutes and 50 minutes respectively. All the devices beeped together at 1:30 AM. At what time they will again beep together?

(a) 6:30 PM

(b) 7:20 AM

(c) 5:50 AM

(d) 6:20 PM

Answer: (b)

85. The average weight of 12 persons decreased by 750 gm when a new person comes in place of one of them weighing 70 Kg. What was the weight of the new person?

(a) 9 Kg

(b) 45 Kg

(c) 52 Kg

(d) 61 Kg

Answer: (d)

86. A dozen pairs of gloves of Rs. 150 are available at a discount of 12 percent. How many pairs of gloves can be bought for Rs. 66?

(a) 6

(b) 11

(c) 8

(d) 10

Answer: (a)

87. A shopkeeper has a sale of Rs. 10220, Rs. [illegible] Rs. 8458 and Rs. 9845 for four consecutive weeks. How much sale he must have in the fifth week, so that he gets an average sale of Rs. 10362 per week?

(a) Rs. 11542

(b) Rs. 10065

(c) Rs. 11745

(d) Rs. 10045

Answer: (c)

88. If the radius of a circle is increased by 20 percent, then by how much is its area increased?

(a) 400 percent

(b) 144 percent

(c) 40 percent

(d) 44 percent

Answer: (d)

89. If Krishna's income is 7(1/7) percent more than that of Vishakha, then how much percent is Vishakha's income less than that of Krishna?

(a) 20/3 percent

(b) 50/7 percent

(c) 75/7 percent

(d) 16/3 percent

Answer: (a)

90. At an exam, maximum marks were 1000, P got 5 percent less than Q, Q got 20 percent more than R, R got 25 percent less than S. If P got 342 marks, then what percentage did S get?

(a) 60 percent

(b) 80 percent

(c) 45 percent

(d) 40 percent

Answer: (d)

91. The salaries of Pawan and Rishbha together amount Rs. 60000. Pawan spends 90 percent of his salary and Rishbha spends 80 percent of his salary. If their savings are same, then what is Rishbha's salary?

(a) Rs. 40000

(b) Rs. 20000

(c) Rs. 35000

(d) Rs. 25000

Answer: (b)

92. Samina buys pencils from a wholesaler at for 20 pencils. She sells those pencils at Rs. 20 for 10 pencils. What is the profit percent?

(a) 30 percent

(b) 100 percent

(c) 200 percent

(d) 300 percent

Answer: (d)

93. A shopkeeper incurs a loss of 13 percent if he sells an article for Rs. 4350. What price must he sell the article so as to gain 13 percent on that article?

(a) Rs. 5000

(b) Rs. 4505

(c) Rs. 5650

(d) Rs. 4865

Answer: (c)

94. A man purchased two varieties of sugar, 50 Kg at Rs. 20.50 per Kg and 90 Kg at Rs. 38 per Kg. He mixed the two varieties of sugar and sold the mixture at a gain of 15 percent. What is the per Kg selling price of the mixture?

(a) Rs. 36.51

(b) Rs. 28.50

(c) Rs. 39.15

(d) Rs. 37.25

Answer: (a)

95. The sum of three numbers is 51. If the ratio of the first to second is 2:3 and that of second to the third is 6:7, then what is the second number?

(a) 12

(b) 15

(c) 18

(d) 21

Answer: (c)

96. In an institute the number of boys and girls are in the ratio of 5:9. If the number of boys are increased by 30 percent and the number of girls are increased by 10 percent, then what will be the new ratio of number of boys to that of girls?

(a) 51:91

(b) 45:19

(c) 55:69

(d) 65:99

Answer: (d)

97. Divide Rs. 4800 among Honey, Bunny and Sunny, such that Bunny receives 1/2 as much as Honey and Sunny together and Honey receives 1/3 as much as Bunny and Sunny together. What is the share of Sunny?

(a) Rs. 1200

(b) Rs. 1600

(c) Rs. 2000

(d) Rs. 1800

Answer: (c)

98. The ratio of prices of two tables is 9 : 11. If the price of the first table is increased by 10 percent and that of the second table by Rs. 1100 then the ratio of their prices is 3 : 5. What are the initial prices of the tables?

(a) Rs. 1800, Rs. 2200

(b) Rs. 900, Rs. 1100

(c) Rs. 2700, Rs.3300

(d) Rs. 1200, Rs. 2300

Answer: (a)

99. A sum of Rs. 67000 amounts to Rs. 87770 in 5 years at simple interest. What is the rate of interest?

(a) 6 percent
(b) 6.2 percent
(c) 5.5 percent
(d) 7.2 percent

Answer: (b)

100. Aniket borrows Rs. 8000 for 2 years at 3.5 percent p.a. simple interest. He immediately lends it to Kavish at 5.25 percent p.a. simple interest for 2 years. What is the gain of Aniket in this transaction?

(a) Rs. 840
(b) Rs. 560
(c) Rs. 280
(d) Rs. 380

Answer: (c)

Arithmetic Ability2

101. An amount of Rs. 500000 is split into 2 parts and each part is invested in two types of bonds. The first yields an interest of 8 percent p.a. and second, 12 percent p.a. If the total interest on both the parts at the end of 1 year is 10.5 percent p.a., then what was the amount invested in each type of bond?

(a) Rs. 187500, Rs. 312500
(b) Rs. 200000, Rs. 300000
(c) Rs. 180500, Rs. 319500
(d) Rs. 240500, Rs.259500

Answer: (a)

102. Aashima lent Rs. 10000 to Prakash for 2 years compounded half yearly. At the end of 2 years she got Rs. 20736 from Prakash. Then, what is the rate of interest p.a.?

(a) 8 percent
(b) 15 percent
(c) 20 percent
(d) 40 percent

Answer: (d)

103. Kanika travelled a distance of 54 Km in 10 hours. She travelled partly on foot at 3 Km/hr and partly by autorickshaw at 15 Km/hr. What is the distance travelled by autorickshaw?

(a) 6 Km
(b) 15 Km
(c) 30 Km
(d) 24 Km

Answer: (c)

104. Sarita goes to visit her client from her house at a speed of 20 Km/hr and returns at a speed of 25 Km/hr. If she takes 9 hours in going and coming, then what is the distance between her house and her client?

(a) 45 km

(b) 60 Km

(c) 85 Km

(d) 100 Km

Answer: (d)

105. The distance between two cities X and Y is 570 Km. A train starts from X at 10 PM and travels towards Y at 110 Km/hr. Another train starts from Y at 11 PM and travels towards X at 120 Km/hr. At what time will they meet?

(a) 11:00 PM

(b) 1:00 AM

(c) 2:00 AM

(d) 10:00 PM

Answer: (b)

106. Three men can make a certain number of cloth bags in 8 days by working for 6 hours a day. For how many hours in a day should two men work in order to make thrice the number of bags in 24 days?

(a) 10 hours

(b) 8 hours

(c) 9 hours

(d) 7 hours

Answer: (c)

107. Shruti and Rohan undertake a project worth Rs. 88000. Shruti alone can do the work in 10 days. They work together for 4 days. After 4 days, Rohan works alone for 4 days and Shruti completes the remaining work in 4 more days. What is the share of Rohan in the earnings?

(a) Rs. 70400

(b) Rs. 52800

(c) Rs. 22600

(d) Rs. 17600

Answer: (d)

108. Alok can do a piece of work in 20 days. Biju can do the same work in 40 days and Pramod in 25 days. Alok and Pramod worked for 3 days and handed it to Biju. Biju worked for some days and handed it again to Alok and Pramod 7 days before completing the work. For how many days did Biju work?

(a) 9 days

(b) 6 days

(c) 5 days

(d) 4 days

Answer: (d)

109. Kapila is two-third as fast as Vipul and Vipul is thrice as fast as Bhupen. If together they can complete a work in 15 days, then in how many days can Kapila, Vipul and Bhupen each working alone do the work respectively?

(a) 45 days, 30 days, 90 days

(b) 30 days, 10 days, 45 days

(c) 15 days, 5 days, 25 days

(d) 10 days, 5 days, 45 days

Answer: (a)

110. If the surface area of a sphere is 1386 sq cm, then what is the volume of that sphere?

(a) 4386 cu cm

(b) 4851 cu cm

(c) 5623 cu cm

(d) 5485 cu cm

Answer: (b)

111. If the volume of a cone is 254.34 cu cm and height is 12 cm, then what is the base diameter of the cone?

(a) 4.5 cm

(b) 8 cm

(c) 9 cm

(d) 10.4 cm

Answer: (c)

112. A hollow cylindrical pipe is made of ce nt. T volume of cement used in the pipe is 3696 cu m. It's external radius is 10 m and length is 14 m. What is the thickness of the pipe?

(a) 10 m

(b) 6 m

(c) 4 m

(d) 2 m

Answer: (b)

General English1

121. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. After the outbreak of the mutiny in (1)/ the Meerut, the rebels quickly reached the Delhi, whose 81-year-old Mughal (2)/ ruler, Bahadur Shah Zafar, was declared the Emperor of Hindustan. (3)/ No Error (4)

(a) After the outbreak of the mutiny in

(b) the Meerut, the rebels quickly reached the Delhi, whose 81-year-old Mughal

(c) ruler, Bahadur Shah Zafar, was declared the Emperor of Hindustan.

(d) No Error

Answer: (b)

122. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. Biodiversity has not evenly distributed, rather (1)/ it varies greatly across the globe as (2)/ well as within regions. (3)/ No Error (4)

(a) Biodiversity has not evenly distributed, rather

(b) it varies greatly across the globe as

(c) well as within regions.

(d) No Error

Answer: (a)

123. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. Erection of the first aircraft series formally started (1)/ in December 1992, but was suspended in November (2)/ 1995 due to political and economic uncertainty. (3)/ No Error (4)

(a) Erection of the first aircraft series formally started

(b) in December 1992, but was suspended in November

(c) 1995 due to political and economic uncertainty.

(d) No Error

Answer: (a)

124. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. The joining and eventual separation of Bentley and Rolls-Royce (1)/ following a series of mergers and acquisitions, to begin with (2)/ the 1931 purchase by Rolls-Royce of Bentley, then in receivership. (3)/ No Error (4)

(a) The joining and eventual separation of Bentley and Rolls-Royce

(b) following a series of mergers and acquisitions, to begin with

(c) the 1931 purchase by Rolls-Royce of Bentley, then in receivership.

(d) No Error

Answer: (b)

125. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. Bicameralism is distinguished from unicameralism, (1)/ into which all members are deliberated and vote as a single group, and from some (2)/ legislatures that have three or more separate assemblies. (3) No Error (4)

(a) Bicameralism is distinguished from unicameralism,

(b) into which all members are deliberated and vote as a single group, and from some

(c) legislatures that have three or more separate assemblies.

(d) No Error

Answer: (b)

126. 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.
Nine men's morris is a strategy board game for two players (dated) at least to the Roman Empire.

(a) dating
(b) dates
(c) date
(d) No Correction Required

Answer: (a)

127. 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.
The Babylonians took advantage of the (enough) of clay in Mesopotamia to create bricks.

(a) abundantly
(b) abundance
(c) abundant
(d) No Correction Required

Answer: (b)

128. 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.
During the time period of ancient history; starting roughly from 3000 BC, the world population was already (fastly) increasing due to the Neolithic Revolution, which was in full progress.

(a) languidly
(b) indolently
(c) exponentially
(d) No Correction Required

Answer: (c)

129. 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.
When the boy was asked about his report, he created (an usual) story about aliens stealing his work.

(a) an outlandish
(b) a conservative
(c) a trivial
(d) No Correction Required

Answer: (a)

130. Fill in the blank with the appropriate word.
Procrastination is the avoidance of doing a task that needs to be _____ by a certain deadline.

(a) incompetent
(b) perigee
(c) accomplished
(d) inept

Answer: (c)

131. Fill in the blank with the appropriate word.
The MEQ is a self-assessment questionnaire developed by researchers James A. Horne and Olov Östberg in 1976 to _____ whether a person's biological clock produces peak alertness in the morning, in the evening, or in between.

(a) extreme
(b) ignorance
(c) measure
(d) selfabase

Answer: (c)

132. Fill in the blank with the appropriate word.
Ancient cloud studies were not made in _____ , but were observed in combination with other weather elements and even other natural sciences.

(a) accompanied
(b) isolation
(c) group
(d) wholesome

Answer: (b)

133. Fill in the blank with the appropriate word.
Wright studied civil engineering at the University of Wisconsin and then _____ in Chicago with noted architects.

(a) absconded
(b) apprenticed
(c) emancipated
(d) precluded

Answer: (b)

134. Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct sentence.
The new eight-litre
P: with their most expensive model,
Q: was such a success that when Barnato's money seemed to run out in 1931 and Napier R: purchased Bentley Motors to prevent it from competing
S: was planning to buy Bentley's business, Rolls-Royce
the Phantom II.

(a) QSRP

(b) PQSR

(c) SRQP

(d) RSQP

Answer: (a)

135. Some parts of a sentence have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct sentence.
In August 2013,
P: procurements have been viewed as critical to maintain production
R: to be delivered during this period; foreign export
Q: it was proposed that France may halve the number of Rafales
S: to be delivered over the next six years for a total of [illegible] aircraft
under this proposal.

(a) PRSQ

(b) SPRQ

(c) QSRP

(d) RPSQ

Answer: (c)

136. Some parts of a passage have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful passage.
In the Old Stone Age, food was obtained by hunting animals and gathering edible plants and tubers.
P: They used stone tools, hand-sized and flaked-off large pebbles for hunting animals.
Q: Pure quartzite is usually white to grey, though quartzites often occur in various shades of pink and red due to varying amounts of iron oxide.
R: Therefore, these people are called as hunter-gatherers.
S: Stone implements are made of a hard rock known as quartzite.
Other colors, such as yellow, green, blue and orange, are due to other minerals.

(a) QSPR

(b) SRQP

(c) RPSQ

(d) PSRQ

Answer: (c)

137. Some parts of a passage have been jumbled up, and labelled P, Q, R and S. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful passage.
The Simla Agreement, or Shimla Agreement, was signed between India and Pakistan on 2 July 1972 in Shimla.
P: The agreement was ratified by the Parliaments of both the nations in the same year.
Q: It followed from the Bangladesh Liberation war in 1971 that led to the independence of Bangladesh, which was earlier known as East Pakistan.
R: The agreement was the result of resolve of both the countries to "put an end to the conflict and confrontation that have hitherto marred their relations".
S: It was signed in Shimla in India by Zulfiqar Ali Bhutto, the President of Pakistan, and Indira Gandhi, the Prime Minister of India.
However, the agreement has not prevented the relationship between the two countries from deteriorating to the point of armed conflict, most recently in the Kargil War of 1999.

(a) QPSR
(b) RSPQ
(c) SQPR
(d) RPSQ

Answer: (a)

138. Select the word that is the opposite meaning (ANTONYM) to the word given below.
Antithesis

(a) Antipole
(b) Contrast
(c) Similarity
(d) Review

Answer: (c)

139. Select the word that is closest in meaning (SYNONYM) to the word given below.
Odious

(a) Congenial
(b) Repugnant
(c) Copacetic
(d) Desiccant

Answer: (b)

140. Select the word that is closest in meaning (SYNONYM) to the word given below.
Bowdlerize

(a) Adulterate
(b) Censor
(c) Crumble
(d) Abuse

Answer: (b)

General English2

141. Select the word that is closest in meaning (SYNONYM) to the word given below.
Hubris

(a) Wealthy
(b) Dirt
(c) Humility
(d) Arrogance

Answer: (d)

142. Select the word that is the opposite meaning (ANTONYM) to the word given below.
Arcane

(a) Reticent
(b) Common
(c) Dangerous
(d) Languid

Answer: (b)

143. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) EMBARASSMENT
(b) EMBARRASMENT
(c) EMBARRASSMENT
(d) EMBARASMENT

Answer: (c)

144. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) MISELLANEOUS
(b) MISCELANEOUS
(c) MISCELLANEOUS
(d) MISCELLANOUS

Answer: (c)

145. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) OCURRENCE
(b) OCCURRANCE
(c) OCCURRENSE
(d) OCCURRENCE

Answer: (d)

146. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) PLAYWRITE
(b) PLAYWRIGHT
(c) PLAYWHRITE
(d) PLAYRIGHT

Answer: (b)

147. Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word.

(a) LOGOREAH
(b) LOGORHOEA
(c) LOGORRHEA
(d) LOGORHEA

Answer: (c)

148. Select the most appropriate meaning of the given phrase.
A little bird told me.

(a) I was told by a private or secret source.
(b) I had a dream that I partly remember.
(c) The little but important things that were taught to me when I was young.
(d) I was taught an important lesson by my kid.

Answer: (a)

149. Select the most appropriate meaning of the given phrase.
A drop in the bucket.

(a) A ray of hope in bad times.
(b) Very small and insignificant proportion of the whole.
(c) It is a metaphor for places with water shortage.
(d) Being worthless is like being a drop in the bucket.

Answer: (b)

150. Select the most appropriate meaning of the given phrase.
A sledgehammer to crack a nut

(a) To have a lot of options to fulfil a task.
(b) A person of very high stature. One who has a lot of people working under him.
(c) To use disproportionate force or expense to overcome a minor problem.
(d) A person performing a task against his demeanour.

Answer: (c)

151. Select the most appropriate meaning of the given phrase.
A fish rots from the head down.

(a) What your started first, you must finish first.

(b) The main reason for a failed relationship is lack of trust.

(c) The leadership is the root cause, when an organization or state fails.

(d) You must end what you started.

Answer: (c)

152. Select the most appropriate 'one word' for the expression given below.
A mender or maker of shoes and often of other leather goods

(a) Leathersmith

(b) Husbandman

(c) Clodhopper

(d) Cobbler

Answer: (d)

153. Select the most appropriate 'one word' for the expression given below.
A politically organized community or major territorial unit ruled by a monarch.

(a) Compass

(b) Realm

(c) Sovereign

(d) Avocation

Answer: (b)

154. Select the most appropriate 'one word' for the expression given below.
Military supplies including weapons, ammunition, combat vehicles, and maintenance tools and equipment.

(a) Ordnance

(b) Panoply

(c) Booty

(d) Accouterment

Answer: (a)

155. Select the most appropriate 'one word' for the expression given below.
The branch of philosophy concerned with the theory of knowledge.

(a) Epistemology

(b) Atmology

(c) Seismology

(d) Polemology

Answer: (a)

156. What is spying?

(a) Obtaining and divulging secret information without the permission of the holder of the information.

(b) Obtaining or divulging secret information without the permission of the holder of the information.

(c) Obtaining or hiding secret information with the permission of the holder of the information.

(d) Obtaining or divulging secret information of the holder of the information knowing about the divulgence.

Answer: (b)

158. There are agents who are recruited after they get access to secrets. What are such agents called?

(a) Defectors

(b) Defractors

(c) Moles

(d) Dementors

Answer: (a)

159. What is unique about espionage?

(a) The agent is necessarily committing treason.

(b) The agent and the recruiting organisation are from the same country.

(c) The agent is only contacted during times of ten on between the countries and stays hidden the rest of the time.

(d) The agent and the recruiting organisation ar om different countries.

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 Ability1

1	**(b)**	2	**(a)**	3	**(d)**	4	**(b)**	5	**(c)**	6	**(d)**
7	**(c)**	8	**(b)**	9	**(b)**	10	**(c)**	11	**(a)**	12	**(b)**
13	**(b)**	14	**(c)**	15	**(a)**	16	**(c)**	17	**(a)**	18	**(a)**
19	**(b)**	20	**(c)**								

General Ability2

21	**(b)**	22	**(b)**	23	**(a)**	24	**(a)**	25	**(b)**	26	**(d)**
27	**(c)**	28	**(c)**	29	**(b)**						

General Awareness1

41	**(c)**	42	**(b)**	43	**(c)**	44	**(d)**	45	**(a)**	46	**(d)**
47	**(c)**	48	**(a)**	49	**(c)**	50	**(a)**	51	**(d)**	52	**(a)**
53	**(b)**	54	**(a)**	55	**(d)**	56	**(b)**	57	**(d)**	58	**(b)**
59	**(c)**	60	**(a)**								

General Awareness2

61	**(d)**	62	**(a)**	63	**(d)**	64	**(d)**	65	**(a)**	66	**(b)**
67	**(c)**	68	**(a)**	69	**(d)**	70	**(c)**	71	**(b)**	72	**(a)**
73	**(d)**	74	**(c)**	75	**(b)**	76	**(d)**	77	**(a)**	78	**(c)**
79	**(d)**	80	**(b)**								

Arithmetic Ability1

82	**(c)**	83	**(a)**	84	**(b)**	85	**(d)**	86	**(a)**	87	**(c)**
88	**(d)**	89	**(a)**	90	**(d)**	91	**(b)**	92	**(d)**	93	**(c)**
94	**(a)**	95	**(c)**	96	**(d)**	97	**(c)**	98	**(a)**	99	**(b)**
100	**(c)**										

Arithmetic Ability2

101	**(a)**	102	**(d)**	103	**(c)**	104	**(d)**	105	**(b)**	106	**(c)**
107	**(d)**	108	**(d)**	109	**(a)**	110	**(b)**	111	**(c)**	112	**(b)**

General English1

121	**(b)**	122	**(a)**	123	**(a)**	124	**(b)**	125	**(b)**	126	**(a)**
127	**(b)**	128	**(c)**	129	**(a)**	130	**(c)**	131	**(c)**	132	**(b)**
133	**(b)**	134	**(a)**	135	**(c)**	136	**(c)**	137	**(a)**	138	**(c)**
139	**(b)**	140	**(b)**								

General English2

141	**(d)**	142	**(b)**	143	**(c)**	144	**(c)**	145	**(d)**	146	**(b)**
147	**(c)**	148	**(a)**	149	**(b)**	150	**(c)**	151	**(c)**	152	**(d)**
153	**(b)**	154	**(a)**	155	**(a)**	156	**(b)**	158	**(a)**	159	**(d)**