PREVIOUS YEAR PAPER

DSSSB Ahlmad 2021 — 16 October 2021, Shift 2

DSSSB Other Posts · 16 October 2021 · Shift 2

140 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: 60 (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 16 October 2021, Shift 2. 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-2021-ahlmad-16-oct-shift-2/

General Ability1

1. Arrange the given words in the sequence in which they occur in the dictionary.
1. RICKETS
2. RELISH
3. RANGE
4. RADIATE
5. RACKET

(a) 53421
(b) 54321
(c) 52341
(d) 51234

Answer: (b)

2. Find the missing term in the following lette[illegible].
E, GH, KLM, ___, YZABC

(a) PQRST
(b) QRS
(c) QRST
(d) PQRS

Answer: (c)

3. Find the missing term in the following letter series:
INCREDIBLE, NCREDIBL, ___, REDI, ED

(a) NCREDIB
(b) CREDIB
(c) CREDIBL
(d) CRDEIB

Answer: (b)

4. Arrange the words in a meaningful sequence :
1. Meter
2. Milimeter
3. Kilometer
4. Mile
5. Micrometer

(a) 54132

(b) 53412

(c) 15432

(d) 52134

Answer: (d)

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) Neck : Tie

(b) Feet : Shoes

(c) Wrist : Band

(d) Ankle : Watch

Answer: (d)

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) Mercury

(b) Nitrogen

(c) Chlorine

(d) Oxygen

Answer: (a)

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) Lake

(b) Dam

(c) Pond

(d) Sea

Answer: (b)

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) DE: HI

(b) NO: RS

(c) VW: ZA

(d) KL: PR

Answer: (d)

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.
BEZ : PSN :: DWC : ?

(a) QTE

(b) SLM

(c) TMX

(d) RKQ

Answer: (d)

10. Select the pair that is related on the same basis to the pair given in the question.
KD : NA :: ?

(a) LM : RV

(b) QY : TV

(c) PK : SM

(d) SD : VF

Answer: (b)

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.
PDG : MAD :: NRU : ?

(a) KOR

(b) LNT

(c) LPS

(d) OSV

Answer: (a)

12. Select the pair that is related on the same basis to the pair given in the question.
Igloo : Eskimo :: ?

(a) Horse : Mare

(b) Bear : Cub

(c) Nest : Bird

(d) Donkey : Bray

Answer: (c)

13. In a certain code language, if CONTINUOUS is coded as NUOUSITNOC, then what will be the code of INCLINED?

(a) INEDLCNI

(b) NIEDINCL

(c) INDEINCL

(d) LNCIINED

Answer: (a)

14. If in a certain code, LUXURY is coded as 558529, and PRESENT is coded as 9273774, then what will be code for "TRANSPORT" ?

(a) 423759825
(b) 423739824
(c) 527339825
(d) 423379284

Answer: (b)

15. In a certain code language, if land is called air, air is called ocean, ocean is called mountain, mountain is called forest, and forest is called desert, where do sharks live?

(a) Air
(b) Forest
(c) Mountain
(d) Desert

Answer: (c)

16. In a certain code language, 'il bi sa' means 'great large home ', 'pa sa la" means 'home is best', and 'la ho do' means 'Car is expensive'. What is the code of 'best' in that code language?

(a) sa
(b) la
(c) pa
(d) ho

Answer: (c)

17. If CALIBER is coded as 6-3-15-27-5-15-[illegible] then [illegible]at will be the code for STRENGTH?

(a) 24-65-21-15-17-21-23-28
(b) 22-60-22-15-18-21-23-24
(c) 21-62-21-15-19-21-23-24
(d) 22-60-21-15-17-21-23-24

Answer: (d)

18. Pointing out to a lady, Preeti says, "She is the daughter-in-law of the paternal grandmother of my father's only son". How is the lady related to Preeti?

(a) Mother
(b) Sister
(c) Daughter
(d) Aunt

Answer: (a)

19. Five friends are standing in a row adjacent to each other facing the same direction. Sam is standing next to Pradeep but not Tanveer. Kuldeep is standing next to Rakesh who is standing on the extreme left and Tanveer is not standing next to Kuldeep. Who are standing adjacent to Sam?

(a) Pradeep and Tanveer

(b) Kuldeep and Pradeep

(c) Rakesh and Pradeep

(d) Only Pradeep

Answer: (b)

20. In a bike show, seven different bikes i.e. Splendor, KTM, Pulsar, Royal Enfield, Fazer, Passion and Activa were displayed in a row, facing north such that:
1. Splendor was to the immediate right of Activa.
2. Activa was fourth to the right of Pulsar.
3. Royal Enfield was in between KTM and Passion.
4. Pulsar which was third to the left of KTM, was at one end.
If a person is standing behind the bikes, then which bike will be at the right most end from his perspective?

(a) Activa

(b) Fazer

(c) Splendor

(d) KTM

Answer: (b)

General Ability2

21. Following are the qualification for the p[illegible] software developer in a software company. The candidate must -
1. be an engineering graduate with at least 75% marks.
2. be not less than 24 years and not more than 35 years of age as on 1st August, 2020.
3. is a postgraduate in management with atleast 70% marks.
4. is willing to pay Rs. 1 lakh for training which would be refunded after training.
However, if a candidate fulfills all the above mentioned criteria,
A) except (4), but is willing to pay Rs. 50000 and has obtained at least 80% marks in his post graduation, the case may be referred to the Mananger of the company.
B) except (1), but has an experience of working atleast 2 years as a backend developer, the case may be referred to the CEO.
Rekha graduated as an IT engineer in 2017 with 85% marks. She completed her MBA in 2019 with 82% marks. Rekha was 22 years old when she graduated. Rekha is a fresher. Rekha belongs to a poor family and can pay only Rs. 50,000 maximum. If the job interview is on 5th September 2020, then Rekha will be:

(a) Selected

(b) Rejected

(c) Case will be referred to the manager

(d) Case will be referred to the CEO

Answer: (c)

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 : Some books are pens. No pen is a pencil. All pencils are erasers.
Conclusions:
I. Some erasers are pencils.
II.Some pencils are pen.

(a) only I follows

(b) only II follows

(c) both I and II follows

(d) Neither I nor II follows

Answer: (a)

23. In this question, a statement has been given followed by three course of action numbered I, II and III. Assuming that all information in the statement 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: Many students have failed in matriculation exam due to out of syllabus questions in one of the subject.
Courses of Action:
I) All students who have failed must be allowed to take supplementary exams.
II) Action must be taken against those who are responsible for such a faulty question paper.

(a) Only I follows

(b) Only II follows

(c) Both I and II follows

(d) Neither I and II follows

Answer: (c)

24. 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 : Some alpha are beta. Some beta are gamma. Some gamma are delta.
Conclusions:
I. All delta being alpha is a possibility.
II. Some alpha are gamma.

(a) only I follows

(b) only II follows

(c) both I and II follows

(d) Neither I nor II follows

Answer: (a)

25. 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): We slip while dancing on a shiny floor.
Reason (R) : Friction is less on a shiny surface.

(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)

26. 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) 961-31

(b) 2301-49

(c) 1225-35

(d) 1849-43

Answer: (b)

27. Find the missing term in the following number series:
40, 43, 52, 79, 160, ____

(a) 255

(b) 343

(c) 290

(d) 403

Answer: (d)

28. Select the option that is related to the third term on the same basis as the second term is related to the first term.
11 : 1330 :: 15 : ?

(a) 3240

(b) 2465

(c) 3374

(d) 4231

Answer: (c)

29. In a group of humans and their pet dogs, the number of legs are fourteen more than twice the number of heads. The number of dogs are:

(a) 5

(b) 7

(c) 10

(d) 12

Answer: (b)

General Awareness1

41. Dollu Kunitha is a traditional dance form famous in which of the following states?
    (a) Gujarat
    (b) West Bengal
    (c) Karnataka
    (d) Maharashtra
    Answer: (c)

42. Which among the following folk dance is not associated with Tamil Nadu?
    (a) Chhau
    (b) Mayilattam
    (c) Therukoothu
    (d) Kummi
    Answer: (a)

43. Natya Shastra speaks of Eight Rasas. One of them is Bibhatsa. It translates to _____.
    (a) Humorous
    (b) Heroism
    (c) Fear
    (d) Disgust
    Answer: (d)

44. Saga Dawa is one of the major festivals associa with which of the following states?
    (a) Meghalaya
    (b) Sikkim
    (c) Tripura
    (d) Nagaland
    Answer: (b)

45. Gross National Product (GNP) = _____.
    (a) Gross Domestic Product - Depreciation
    (b) Gross Domestic Product - Net Factor Income from Abroad
    (c) Gross Domestic Product + Net Factor Income from Abroad
    (d) Gross Domestic Product + Depreciation
    Answer: (c)

46. _____is the amount of funds that the banks have to keep with the Reserve Bank of India.
    (a) Cash Reserve Ratio
    (b) Repo Rate
    (c) Reverse Repo Rate
    (d) Bank Rate
    Answer: (a)

47. As announced in the Budget 2021-22, the customs duty on raw silk and silk yarns has been increased from 10% to ____.

(a) 20%
(b) 15%
(c) 18%
(d) 12%

Answer: (b)

48. National Bank for Agriculture and Rural Development (NABARD) was founded in _____.

(a) 1988
(b) 1993
(c) 1982
(d) 1975

Answer: (c)

49. Which among the following instruments is used in aircrafts for measuring altitudes?

(a) Altimeter
(b) Ammeter
(c) Anemometer
(d) Barometer

Answer: (a)

50. Which among the following acids is not an exam of a weak acid?

(a) Acetic Acid
(b) Formic Acid
(c) Carbonic Acid
(d) Nitric Acid

Answer: (d)

51. Which among the following Vitamins is also known as Pyridoxine?

(a) B2
(b) B6
(c) C
(d) A

Answer: (b)

52. The SI unit of Resistance is _____.

(a) Watt
(b) Ohm
(c) Joule
(d) Pascal

Answer: (b)

53. Which among the following does not belong to phylum Aschelminthes?
    (a) Round worm
    (b) Hook worm
    (c) Tape worm
    (d) Pin worm
    Answer: (c)

54. The Kunchikal falls is located in which of the following states?
    (a) Kerala
    (b) Tamil Nadu
    (c) Meghalaya
    (d) Karnataka
    Answer: (d)

55. Which among the following rivers do not flow into Bay of Bengal?
    (a) Mahanadi
    (b) Indus
    (c) Krishna
    (d) Godavari
    Answer: (b)

56. Shipki La is the mountain range located in which of the following states?
    (a) Uttarakhand
    (b) Rajasthan
    (c) Himachal Pradesh
    (d) Sikkim
    Answer: (c)

57. Which among the following oceans has its apex in the north at the Bering Strait?
    (a) Atlantic Ocean
    (b) Arctic Ocean
    (c) Pacific Ocean
    (d) Southern Ocean
    Answer: (c)

58. When was the Mountbatten Plan put forward?
    (a) 1942
    (b) 1940
    (c) 1947
    (d) 1945
    Answer: (c)

59. Who among the following Governor Generals described himself as 'Bengal Tiger'?

(a) Lord Warren Hastings
(b) Lord Cornwallis
(c) Lord Wellesley
(d) Lord Robert Clive

Answer: (c)

60. Shams-ud-din Iltutmish belonged to which of the following dynasties?

(a) Slave
(b) Khilji
(c) Tughlaq
(d) Lodhi

Answer: (a)

General Awareness2

61. Who among the following introduced Dahsala system for the collection of land revenue by the state?

(a) Babur
(b) Akbar
(c) Sher Shah
(d) Jahangir

Answer: (b)

62. In which of the following year, Alipore [illegible] by Khudiram Bose & Prafulla Chaki happened?

(a) 1912
(b) 1915
(c) 1901
(d) 1908

Answer: (d)

63. Arya Samaj was founded by Swami Dayananda Saraswati in _____ at Bombay to reform Hindu religion in North India.

(a) 1893
(b) 1860
(c) 1875
(d) 1882

Answer: (c)

64. The headquarters of Food & Agricultural Organisation (FAO) is located in _____.

(a) Beijing
(b) New York
(c) London
(d) Rome

Answer: (d)

65. Who among the following won the "Critics Best Actor In A Leading Role (Male)" award in the Filmfare Awards 2021?

(a) Rajkummar Rao
(b) Sanjay Mishra
(c) Amitabh Bachchan
(d) Irrfan Khan

Answer: (c)

66. Which among the following is an autobiography of Kapil Dev?

(a) Straight From the Heart
(b) Playing It My Way
(c) The Race of My Life
(d) The Test of My Life

Answer: (a)

67. The film “Nomadland” won _____ prizes at the British Academy of Film and Television Arts Awards 2021.

(a) five
(b) two
(c) three
(d) four

Answer: (d)

68. Who among the following in April 2021 launched the DGFT Trade Facilitation Mobile Application for promoting ease of doing business and providing quick access to information to importers/ exporters?

(a) Nirmala Sitharaman
(b) Harsh Vardhan
(c) Piyush Goyal
(d) Ravi Shankar Prasad

Answer: (c)

69. Noura al-Matroushi has been named as the first Female Astronaut of _____.

(a) United Arab Emirates
(b) United States of America
(c) China
(d) Germany

Answer: (a)

70. The Principal Scientific Advisor to Government of India in April 2021 launched a mobile application to promote the mental wellbeing of the people of India. It is called the _____ App.

(a) SUKOON
(b) SWASTH
(c) KHUSHI
(d) MANAS

Answer: (d)

71. Facebook has recently signed a deal to buy renewable energy in India from a local firm called CleanMax in April 2021. This is the first renewable project of Facebook in India. The project is located in _____.

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

Answer: (b)

72. The Economist Intelligence Unit along with Facebook recently released the Inclusive Internet Index in April 2021. According to the index, India is at the _____ spot when it comes to internet inclusion and gender equality in accessing the internet.

(a) 31st
(b) 49th
(c) 55th
(d) 62nd

Answer: (b)

73. Which among the following Articles of Indian Constitution deals with "Financial Emergency"?

(a) 330
(b) 350
(c) 360
(d) 352

Answer: (c)

74. Which among the following rights was deleted from the list of fundamental rights by the 44th Constitutional Amendment?

(a) Right to Equality
(b) Right to Property
(c) Right to Freedom
(d) Right against Exploitation

Answer: (b)

75. The feature of 'Fundamental Duties' in the Indian Constitution was borrowed from the _____ Constitution.

(a) British
(b) Irish
(c) Australian
(d) Union of Soviet Socialist Republics

Answer: (d)

76. How many members of the Rajya Sabha are nominated by the President?

(a) 36
(b) 18
(c) 12
(d) 25

Answer: (c)

77. Singhraj, the Indian para-athlete has won _____ in the 2021 Para Shooting World Cup at Al Ain in the United Arab Emirates on March 21, 2021.

(a) gold medal
(b) silver medal
(c) bronze medal
(d) no medal

Answer: (a)

78. Bajrang Punia, has regained the world number one ranking after winning second successive gold medal at Matteo Pellicone Ranking Series in 2021. He is associated with which of the following sports?

(a) Hockey
(b) Wrestling
(c) Tennis
(d) Badminton

Answer: (b)

79. Who among the following won the 82nd Senior National Table Tennis Championship 2021 - Male Singles?

(a) Harmeet Desai
(b) Sushmit Sriram
(c) Sathiyan Gnanasekaran
(d) S Fidel R Snehit

Answer: (c)

80. Who among the following was awarded the title of the Wisden Almanack's ODI Cricketer of the 2010s on April 15, 2021?

(a) Ben Stokes

(b) Mahendra Singh Dhoni

(c) Rohit Sharma

(d) Virat Kohli

Answer: (d)

Arithmetic Ability1

81. The product of HCF and LCM of two numbers is 192. The difference between the two numbers is 4. Find the numbers.

(a) 10, 14

(b) 14, 18

(c) 12, 8

(d) 12, 16

Answer: (d)

82. If 7/8th of a number exceeds 5/6th of the same number by 20, then find 5/12th of the number is _____.

(a) 480

(b) 200

(c) 240

(d) 120

Answer: (b)

83. Two numbers are in the ratio 2:3. If their HCF is 8, then their LCM is:

(a) 12

(b) 17

(c) 24

(d) 48

Answer: (d)

84. Of the three numbers, the second is thrice the first and is also five times the third number. If the average of these three numbers is 46, find the largest number.

(a) 90

(b) 30

(c) 10

(d) 18

Answer: (a)

85. In the family of four people the average weight is 45 kg. The weight of the mother is 20 kg less than the weight of the father. If the average weight of the father and daughter is 56 kg and the weight of the son is 33 kg, find the average weight of father and mother.

(a) 55

(b) 45

(c) 44

(d) 35

Answer: (b)

86. In a function, some people were present with their pet dogs. If the total number of heads is 60 and the total number of legs is 160, then find the number of dogs present in the function.

(a) 30

(b) 25

(c) 40

(d) 20

Answer: (d)

87. A student scored an average of 65 marks in four subjects. Later it was found that the marks of chemistry were entered wrong as 72 instead of 82.
Find the correct average marks.

(a) 64.4

(b) 65.7

(c) 66.4

(d) 67.5

Answer: (d)

88. A shopkeeper marks his good 40% above the cost price and then sells it at a discount of 20%. Find the loss or gain percent.

(a) 16 %

(b) 12 %

(c) 8 %

(d) 15 %

Answer: (b)

89. In a school, 40 % of students are pursuing commerce, 20 % arts and 40 % science. Calculate the number of girls pursuing science if the percentage of boys pursuing science is 60. Given that the total number of students in the school is 2000.

(a) 460

(b) 280

(c) 320

(d) 520

Answer: (c)

90. Nitu scores 25% marks more than Rahul in Physics exam. Then what percentage marks did Rahul score less than Nitu.

(a) 20%
(b) 25%
(c) 12.25%
(d) 50%

Answer: (a)

91. If the length of a rectangle is increased by 50 % and the breadth is decreased by 10 %, then find the percentage increase in the area.

(a) 40%
(b) 55%
(c) 35%
(d) 50%

Answer: (c)

92. Anu buys a fan from her friend Jack at Rs. 450. She sells it to her cousin at 15% profit. What price did her cousin pay for the fan?

(a) Rs. 525.7
(b) Rs. 515.7
(c) Rs. 571.5
(d) Rs. 517.5

Answer: (d)

93. A shopkeeper buys a certain quantity of rice at Rs. 140 per kg. He sells the whole rice at a profit of 20%. If the profit earned on the whole deal is equal to the cost price of 5 kg rice, then find the quantity of rice purchased.

(a) 32 kg
(b) 25 kg
(c) 20 kg
(d) 22 kg

Answer: (b)

94. By selling a book for Rs. 360, a man gains 25%. At what price should he sell it to gain 30%?

(a) Rs. 357.6
(b) Rs. 354.7
(c) Rs. 374.4
(d) Rs. 388

Answer: (c)

95. A father divides some amount between his two children in the ratio 5 : 4. If the difference between their amount is Rs. 150,find the average sum received by them.

(a) Rs. 675
(b) Rs. 526
(c) Rs. 678
(d) Rs. 650

Answer: (a)

96. The ratio of the number of boys : girls in the school of 500 students is 2 : 3. How many more girls should be added to make the ratio 1 : 3?

(a) 500
(b) 300
(c) 400
(d) 200

Answer: (b)

97. The ratio of the ages of Sima and Ajay is 6:8. If the difference between their ages is 4 years, find the ratio of their ages after 5 years.

(a) 17 : 21
(b) 21 : 17
(c) 6 : 8
(d) 11 : 13

Answer: (a)

98. The ratio of three numbers is 6 : 5 : 8. T[illegible] sum[illegible] their squares is 1125. Find the numbers.

(a) 15, 18, 16
(b) 24, 36, 25
(c) 24, 18, 25
(d) 15, 18, 24

Answer: (d)

99. The difference between the simple compound and simple interest on a sum of money for 2 years is Rs. 105. Find the sum of money if the rate of interest in both cases is 5%.

(a) Rs. 42000
(b) Rs. 48000
(c) Rs. 4200
(d) Rs. 45000

Answer: (a)

100. A sum of money triples itself in 8 years. How long will it take the amount to become five times the sum of money?

(a) 12 years

(b) 16 years

(c) 14 years

(d) 18 years

Answer: (b)

Arithmetic Ability2

101. A sum of money yields a simple interest of Rs. 120 in 2 years at 4% interest. Find the compound interest on the same amount, same rate percentage and at the same time.

(a) Rs. 157.53

(b) Rs. 173.5

(c) Rs. 157.35

(d) Rs. 122.4

Answer: (d)

102. In what time will Rs. 400 amount to Rs 480 at 5 % rate per annum ?

(a) 2 years

(b) 6 years

(c) 5 years

(d) 4 years

Answer: (d)

103. It takes 4 hours to travel from Delhi to Jaipur car. If the speed is reduced by 20 kmph, the time taken is 6 hours. Find the distance between the two cities.

(a) 220 km

(b) 240 km

(c) 280 km

(d) 200 km

Answer: (b)

104. A train can cross a person in 15 seconds and a platform of length 500 m in 20 sec. Find the length of the train.

(a) 1 km

(b) 1.2 km

(c) 1.5 km

(d) 1.25 km

Answer: (c)

105. In a 500 m race, Rahul defeats Ranjan by 10 seconds. Find the speed of Ranjan if the speed of Rahul is 20 kmph.

(a) 4 km/sec

(b) 5 m/sec

(c) 8 m/s

(d) 5km/sec

Answer: (b)

106. A can complete a piece of work in 20 days while B can complete the same work in 15 days. Find the time required to complete 7/5 times of the total work when A and B work together.

(a) 15 days

(b) 8 days

(c) 13 days

(d) 12 days

Answer: (d)

107. A pipe X can fill the tank in 20 hours, while another pipe Y can empty the tank in 5 hours. In an empty tank, pipe X is opened for 10 hours. After 10 hours, pipe Y is also opened. In what time will the tank be empty.

(a) 10/3 hours

(b) 7 hours

(c) 4/9 hours

(d) 5/8 hours

Answer: (a)

108. A and B undertake a project. A can finish [illegible] in 8 hours while together they can finish in 6 hours. If Rs. 140 is divided between them for one hour's work, then find the amount received by B at the end of the day if they work together.

(a) Rs. 260

(b) Rs. 210

(c) Rs. 420

(d) Rs. 180

Answer: (b)

109. A can complete a piece of work in 9 days and B can complete the work in 6 days. They work together for 2 days and then B leaves the job. How long will it take A to complete the work?

(a) 7/3 days

(b) 89/2 days

(c) 6/5 days

(d) 4 days

Answer: (d)

110. A solid cuboid of side 22 cm, 8 cm and 14 cm is melted into spheres of radius 1 cm. Find the number of spheres formed.

(a) 422

(b) 588

(c) 345

(d) 528

Answer: (b)

111. The inradius of a triangle is 4 cm and its perimeter is 20 cm. Find the area of the triangle.

(a) 80 sq cm

(b) 54 sq cm

(c) 40 sq cm

(d) 50 sq cm

Answer: (c)

112. The volume of two spheres are in the ratio 729 : 1331 . Find the surface area of the first sphere if the second sphere has a radius of 11 cm.

(a) 527 pi sq cm

(b) 324 pi sq cm

(c) 426 pi sq cm

(d) 289 pi sq cm

Answer: (b)

113. The base of a cone and a cylinder have a radius 4 cm.
They also have the same height of 10 cm. The ratio the volume of the cylinder to the volume of cone is:

(a) 5 : 3

(b) 4 : 3

(c) 3 : 1

(d) 3 : 4

Answer: (c)

General English1

121. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
It was his birthright to/ rule the kingdom of Westeros/ being the first born heir to King Baratheon.

(a) It was his birthright to

(b) rule the kingdom of Westeros

(c) being the first born heir to King Baratheon.

(d) No Error

Answer: (c)

122. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
Not only did we travelled around / the world in less than 70 days/ but also set a record for visiting the most cities in that time.

(a) Not only did we travelled around

(b) the world in less than 70 days

(c) but also set a record for visiting the most cities in that time.

(d) No Error

Answer: (a)

123. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
I could have done so much/ with my life but instead I wasted several/ years of trying to be something I was not.

(a) I could have done so much

(b) with my life but instead I wasted several

(c) years of trying to be something I was not.

(d) No Error

Answer: (c)

124. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
The warden gave an equal/ chance to Chandan and I explain the/ events that occurred in the auditorium.

(a) The warden gave an equal

(b) chance to Chandan and I to explain

(c) events that occurred in the auditorium.

(d) No Error

Answer: (b)

125. The sentence below has been divided into three parts. Select the part of the sentence that has an error. If the sentence has no error, select the option 'No Error'.
Even if the war happens on the other/ side of the globe, it could still create a vortex/ that might draw our country into the fight.

(a) Even if the war happens on the other

(b) side of the globe, it could still create a vortex

(c) that might draw our country into the fight.

(d) No Error

Answer: (d)

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.
John's kind and big-hearted (nature could have been seen when he) decided to donate all his wealth to the less fortunate.

(a) nature could be seen when he

(b) nature should be seen when

(c) nature would be seen

(d) No corrections 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.
Neither did he work on his form (or did he try to change his playing style) to better suit the foreign conditions.

(a) or did he try to change his playing style

(b) nor did he try to change his playing style

(c) nor did he try to change his play style

(d) No corrections required

Answer: (b)

128. Select the word segment that substitutes (replac[illegible] the bracketed word segment correctly and completes the sentence meaningfully. Select the op[illegible] 'no correction required' if the sentence is correct as given.
The (rings of the planet Saturn constantly [illegible]s [illegible]wards) and are getting fainter everyday.

(a) ring of the planet Saturn constantly mov[illegible]twards

(b) rings of the planet Saturn are constantly moving outwards

(c) rings of the planet Saturn constantly move outwards

(d) No corrections required

Answer: (b)

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.
(Jack said that, "He finished at) long last and replaced all his things in his satchel."

(a) Jack said "He finished at

(b) Jack said that " He finished in

(c) Jack said that, " He finished in

(d) No corrections required

Answer: (a)

130. Fill in the blank with appropriate word.
The British government declared their concurrence in the institution of a tribunal to _____ upon claims for compensation.

(a) exaggerate
(b) electorate
(c) arbitrate
(d) magistrate

Answer: (c)

131. Fill in the blank with appropriate word.
Cattle and pine _____ are sent to Cuba, and Havana tobacco and fine grades of Cuban timber are imported.

(a) amber
(b) ember
(c) distributor
(d) lumber

Answer: (d)

132. Fill in the blank with appropriate word.
Inclusive of private packs it is difficult to _____ more than an overall total of 60 drag and/or bloodhound packs.

(a) package
(b) discourage
(c) haemorrhage
(d) envisage

Answer: (d)

133. Fill in the blank with appropriate word.
President Clinton's romantic travails and legal entanglements proved both a boon and _____ to talk radio over the last year.

(a) pane
(b) bane
(c) sane
(d) pain

Answer: (b)

134. Fill in the blank with appropriate word.
In the war of independence, the village was repeatedly subjected to _____ and slaughter by both parties in the strife, and did not recover its losses for many years.

(a) disparage
(b) pilgrimage
(c) pillage
(d) espionage

Answer: (c)

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.
These plants are vulnerable
P. winter and are therefore
Q. to frost damage in
R. protected with boxes
S. from October
to May.

(a) QPSR
(b) QSPR
(c) QPRS
(d) QRPS

Answer: (c)

136. The question below consist of a set of labelled sentences. Out of four options given, select the most logical order of the sentences which form a paragraph.
Arguably, the world's poorest continent lags because of modern age colonialism, which severely affects its economic growth and development.
P. The continent has abundant natural resources, including the most precious diamonds, but most Africans are still under the tight control of powerful nations, which hurts the economy.
Q. In simple words, colonialism is described as an act of practicing full or partial control over another country.
R. The primary purpose is to exercise power and exp[illegible] the natural resources of the country so that it cannot grow economically.
S. This is precisely the case with Africa.
For example, the policies of colonialism fo[illegible]Afr[illegible] to rely on imported goods as all the natural resources are drawn away by the wealthy nati[illegible].

(a) QSRP
(b) QRSP
(c) QSPR
(d) QPSR

Answer: (b)

137. 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.
Cynthia Byrne never opened
P. her eyes and clung to Dean's
Q. right arm with such a
R. tenacious grip he
S. thought he'd be
permanently scarred.

(a) PQRS

(b) PSQR

(c) PRSQ

(d) PSRQ

Answer: (a)

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

(a) Genuinity

(b) Cunning

(c) Naïve

(d) Candour

Answer: (d)

139. Select the word that is similar in meaning (SYNONYM) to the word given below.
Exemplary

(a) Chaotic

(b) Unworthy

(c) Deplorable

(d) Impeccable

Answer: (d)

140. Select the word that is opposite in meaning (ANTONYM) to the word given below.
Reverence

(a) Despise

(b) Deference

(c) Honour

(d) Venerate

Answer: (a)

General English2

141. Select the word that is similar in meaning (SYNONYM) to the word given below.
Spurious

(a) Authentic
(b) Feigned
(c) Insecure
(d) Brawny

Answer: (b)

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

(a) Lethargy
(b) Zeal
(c) Ardour
(d) Stamina

Answer: (a)

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

(a) Longevity
(b) Longivity
(c) Longetivity
(d) Longitivity

Answer: (a)

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

(a) Masochist
(b) Masoshist
(c) Masoschist
(d) Macoschist

Answer: (a)

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

(a) Paradigmn
(b) Paridigm
(c) Paradigm
(d) Paradime

Answer: (c)

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

(a) Proliferate
(b) Prolifarate
(c) Proliferete
(d) Prolifarete

Answer: (a)

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

(a) Euphamism
(b) Euphimism
(c) Euphiamism
(d) Euphemism

Answer: (d)

148. Select the most appropriate meaning of the given idiom.
Fair and wide

(a) Equal opportunity to all
(b) Not frequent, unusual, rare
(c) Divided into two equal parts
(d) Present everywhere

Answer: (d)

149. Select the most appropriate meaning of the given idiom.
Finding your feet

(a) Not willing or wanting to change from your normal way of doing something
(b) Something that shows potential or looks promising
(c) To become more comfortable in whatever you are doing
(d) To not be comfortable in whatever you are doing

Answer: (c)

150. Select the most appropriate meaning of the given idiom.
Go down like a lead balloon

(a) Going above and beyond whatever is required for the task at hand
(b) Put yourself in a tough position in order to support someone/ something
(c) To be received badly by an audience
(d) Someone who is having a horrible day

Answer: (c)

151. Select the most appropriate meaning of the given idiom.
It takes two to tango

(a) An aggressive and bold confrontation

(b) It seems likely, reasonable, or typical

(c) A competition where the outcome is difficult to judge or predict

(d) A two person conflict where both people are at fault

Answer: (d)

152. Select the most appropriate 'one word ' for the expressions given below.
A person having a sophisticated charm

(a) Debonair

(b) Dilettante

(c) Demagogue

(d) Emigrant

Answer: (a)

153. Select the most appropriate 'one word ' for the expressions given below.
A person who is incapable of being tampered with

(a) Mercenary

(b) Immoral

(c) Indefatigable

(d) Impregnable

Answer: (d)

154. Select the most appropriate 'one word' for the expressions given below.
Someone in love with himself

(a) Egotist

(b) Narcissist

(c) Crassest

(d) Classist

Answer: (b)

155. Select the most appropriate 'one word ' for the expressions given below.
A person who is indifferent to the pains and pleasures of life

(a) Philanthropist

(b) Stoic

(c) Polyglot

(d) Virtuoso

Answer: (b)

156. What percentage of the world's population does Africa constitutes?

(a) 10%
(b) 15%
(c) 20%
(d) 5%

Answer: (b)

158. In which part of Africa is Arabic most spoken in?

(a) East Africa
(b) North Africa
(c) South Africa
(d) West Africa

Answer: (b)

160. Madinka people are found in which part of Africa?

(a) North Africa
(b) East Africa
(c) West Africa
(d) South Africa

Answer: (c)

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

General Ability2

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

General Awareness1

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

General Awareness2

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

Arithmetic Ability1

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

Arithmetic Ability2

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

General English1

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

General English2

141	**(b)**	142	**(a)**	143	**(a)**	144	**(a)**	145	**(c)**	146	**(a)**
147	**(d)**	148	**(d)**	149	**(c)**	150	**(c)**	151	**(d)**	152	**(a)**
153	**(d)**	154	**(b)**	155	**(b)**	156	**(b)**	158	**(b)**	160	**(c)**