PREVIOUS YEAR PAPER

DSSSB Junior Assistant 2021 — 21 August 2021, sitting 3

DSSSB Junior Assistant / Junior Clerk · 21 August 2021

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 21 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-21-aug-3/

General Ability1

1. When we arrange the letters of the word 'ASLITARUA', we get the name of a country. The third letter from right will be _____.

(a) L
(b) S
(c) T
(d) A

Answer: (a)

2. In the following question, one of the option cannot be formed by the word, given in the question. Find that word.
SABOTAGE

(a) STAGE
(b) GATES
(c) BEAST
(d) TABLE

Answer: (d)

3. Complete the following letter series:
XAD, FIL, NQT, VYB, _____

(a) FIL
(b) CHK
(c) DGJ
(d) EFM

Answer: (c)

4. Find the wrong term in the following series:
BDA, CEZ, FHU, GIV, JLS

(a) CEZ
(b) FHU
(c) GIV
(d) JLS

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) ER : IV
(b) PS : TU
(c) UA : YE
(d) LS : PW

Answer: (b)

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) Fawn
(b) Lamb
(c) Cub
(d) Buffalo

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) Doctor : Hospital
(b) Gambler : Casino
(c) Waiter : Kitchen
(d) Lawyer : Court

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) MQJ
(b) KOG
(c) PTL
(d) UYQ

Answer: (a)

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.
Calculus : Mathematics :: Botany : ?

(a) Science
(b) Chemistry
(c) Animals
(d) Zoology

Answer: (a)

10. Select the option that is related to the third term on the same basis as the second term is related to the first term.
ILD : LOG :: ATH : ?

(a) EWL

(b) ESL

(c) CXL

(d) DWK

Answer: (d)

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.
Quadrilateral : 4 :: Heptagon : ?

(a) 6

(b) 5

(c) 7

(d) 8

Answer: (c)

12. Select the option that is related to the third term on the same basis as the second term is related to the first term.
ENV : IJZ :: ?

(a) JMV : NQB

(b) DKQ : HGU

(c) AIC : DKG

(d) RKC : UMF

Answer: (b)

13. If bed is cupboard, cupboard is shoe rack, shoe rack is mirror, mirror is clock, clock is television, television is sofa, then we can see our reflection in _____.

(a) mirror

(b) clock

(c) television

(d) sofa

Answer: (b)

14. If LUCKY is coded as 33327, then what is the code for BRAND?

(a) 37265

(b) 36354

(c) 28144

(d) 29154

Answer: (d)

15. If ICECREAM is coded as LAHAUCDK, then what is the code for FATHER?

(a) MUPKCT

(b) IYWFHP

(c) JZXGIQ

(d) KXUHKR

Answer: (b)

16. In a certain code language, min tin zin means uber is taxi, zin jin bin means sunflower is yellow, jin min means yellow taxi, what is the code for 'sunflower'?

(a) zin

(b) jin

(c) bin

(d) tin

Answer: (c)

17. Arrange the following in a logical sequence:
1. Chief executive officer (CEO) 2. Assistant Manager
3. Clerk
4. Manager
5. Senior Manager

(a) 5, 4, 2, 3, 1

(b) 2, 3, 5, 4, 1

(c) 4, 3, 2, 5, 1

(d) 3, 2, 4, 5, 1

Answer: (d)

18. Ashish, Binita, Sachin, Diksha, Esha and Manish are friends. Ashish and Sachin belong to Green House, while others belong to Blue House.
Diksha and Manish are smart, while others are not. Sachin and Diksha are wearing watches, while others are not wearing. Who among the following belongs to Blue House, is smart and wearing watch?

(a) Diksha

(b) Binita

(c) Sachin

(d) Manish

Answer: (a)

19. JKL Company is looking for the post of financial analyst. The candidate must:
1. Have completed CA.
2. Have 2 years of relevant experience.
3. Be 27 years old as on 1/1/2020
4. Sign a bond of 2 years with the company.
The following exceptions apply:
A. If a candidate meets all other criteria except 3 above, the candidate will be referred to the Manager.
B. If a candidate meets all other criteria except 4, but he is ready to pay a compensation of Rs 1,00,000 if he leaves the firm before 2 years, then he will be referred to the Assistant Manager.
Aman is a qualified CFA and CA. He has been working for 4 years in an MNC. He was born on 4/01/1995. He is ready to sign the bond with the company.
What decision should be taken about this candidate?

(a) The candidate should be selected.

(b) The candidateshould be rejected.

(c) The candidate should be referred to the Assistant Manager.

(d) The candidate should be referred to the Manager.

Answer: (d)

20. Nayantika, Garima, Yashi, Fiza, Kishore and Rashmi are sitting in a circle facing the centre. Garima is to the right of Kishore who is facing Yashi. Garima is opposite Nayantika, Yashi and Fiza are sitting next to each other. Who is to the left of Rashmi?

(a) Kishore

(b) Fiza

(c) Nayantika

(d) Garima

Answer: (c)

General Ability2

21. In the question one statement is given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statement.
Statement: 80 Percent of the students studying in class VIII A passed the final examination.
Conclusion I : Harsh, who is a student of class VIII A, passed in the final examination.
Conclusion II : Harsh, who is a student of class VIII A, failed in the final examination.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Either conclusion I or II follows

(d) Neither conclusion I nor II follows

Answer: (c)

22. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.
Statement 1 : No doctors are engineers.
Statement 2 : Some engineers are chef.
Conclusion I : Some chef are doctors.
Conclusion II : No engineers are doctors.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follows

(d) Neither conclusion I nor II follows

Answer: (b)

23. In the question one statement is given, followed by two course of actions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given course of action, if any, follows from the given statement.
Statement: The poverty level is increasing day by day and is one of the major problems faced by the country.
Courses of Action :
I : The Government should come up with various poverty alleviation programmes to help the poor people.
II : The Government should provide free education to poor people which will increase their employment opportunities.

(a) Only I follows

(b) Only II follows

(c) Both I and II follows

(d) Neither I nor II follows

Answer: (c)

24. In the question one statement is given, followed by two reasons, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given reason, if any, follows from the given statement.
Statement : No country in the world is independent.
Reason I : No country has sufficient natural resource to produce all they want.
Reason II : The efficiency of people living in a country has declined.

(a) Only reason I follows

(b) Only reason II follows

(c) Both reasons I and II follows

(d) Neither reasons I nor II follows

Answer: (a)

25. Complete the following number series:
18, 57, _____, 525, 1578

(a) 175
(b) 171
(c) 174
(d) 169

Answer: (c)

26. The H.C.F of two numbers are 15 and the other two factors of their L.C.M. are 17 and 19. Which of the following can be the smaller number of the two?

(a) 255
(b) 285
(c) 323
(d) 190

Answer: (a)

27. If 22 @ 4 = 8; 16 @ 2 = 9; 7 @ 15 = 4; then find the value of 24 @ 2=?

(a) 8
(b) 13
(c) 12
(d) 14

Answer: (a)

28. If 285/15 = 114/x, then what is the value of 12x + ?

(a) 74
(b) 112
(c) 86
(d) 98

Answer: (c)

38. A cube is painted Red on two opposite faces, Blue on other two opposite faces and Green on the last two opposite faces. This cube is cut into 16 smaller cubes. How many of these smaller cubes will have one face Red, the other face Green and no colour on the remaining faces?

(a) 9
(b) 4
(c) 6
(d) 8

Answer: (d)

General Awareness1

41. Belur Math is a monastery near Kolkata in West Bengal founded by _____.

(a) Ramakrishna Paramahamsa

(b) Swami Vivekananda

(c) Ram Mohan Roy

(d) Ananda Mohan Bose

Answer: (b)

42. The Gochi Festival is associated with which of the following states?

(a) Assam

(b) Haryana

(c) Himachal Pradesh

(d) Madhya Pradesh

Answer: (c)

43. The Ghumura dance form of Odisha is performed 15 days before the arrival of full moon in the month of _____.

(a) October

(b) September

(c) May

(d) June

Answer: (b)

44. Borgeet is a Vaishnava devotional song, popular which of the following states?

(a) Assam

(b) Manipur

(c) Meghalaya

(d) Nagaland

Answer: (a)

45. Which among the following identities is incorrect?

(a) GDP = C + I + G + X - M

(b) NNP = GNP - Depreciation

(c) GDP Deflator = Real GDP/Nominal GDP × 100

(d) NNP = NDP + NFIA

Answer: (c)

46. Apart from the Oriental bank of Commerce, which of the following banks were merged with Punjab National Bank in April 2020?

(a) Corporation Bank

(b) Andhra Bank

(c) United Bank of India

(d) Canara Bank

Answer: (c)

47. Which among the following components should be deducted from Gross Domestic Product to get the Net Domestic Product?

(a) Depreciation
(b) Transfer payments
(c) Tax payments
(d) Interest received

Answer: (a)

48. The Reserve Bank of India (RBI) has announced that all banks and Non-bank financial institutions (NBFCs) have been permitted to allow a moratorium of _____ months on repayment of term loans outstanding on 1 March 2020.

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

Answer: (b)

49. As announced in the Budget 2020, customs duty on furniture has been increased to _____ from 20 percent.

(a) 26 percent
(b) 28 percent
(c) 22 percent
(d) 25 percent

Answer: (d)

50. Bacteria belongs to which of the following ...oms?

(a) Plantae
(b) Fungi
(c) Protista
(d) Monera

Answer: (d)

51. Which among the following acids is also known as 'Muriatic acid'?

(a) Carbonic Acid
(b) Sulphuric Acid
(c) Hydrochloric Acid
(d) Acetic Acid

Answer: (c)

52. The attractional force applied by the earth on an object in the downward direction is called _____.

(a) Muscular Force
(b) Air Resistance
(c) Frictional Force
(d) Gravitational Force

Answer: (d)

53. The Swachh Bharat Abhiyan (Urban) lies under the _____.

(a) Ministry of Drinking Water and Sanitation
(b) Ministry of External Affairs
(c) Ministry of Housing and Urban Affairs
(d) Ministry of Home Affairs

Answer: (c)

54. Which among the following laws states that induced electromotive force with different polarities induces a current whose magnetic field opposes the change in magnetic flux through the loop in order to ensure that original flux is maintained through the loop when current flows in it?

(a) Lenz's Law
(b) Ohm's Law
(c) Snell's Law
(d) Boyle's Law

Answer: (a)

55. Which among the following seas is the ·ld's gest inland body of water?

(a) Black Sea
(b) Mediterranean Sea
(c) Caspian Sea
(d) Red Sea

Answer: (c)

56. Which among the following rivers is not a tributary of river Kaveri?

(a) Bhavani
(b) Sabari
(c) Noyyal
(d) Kabini

Answer: (b)

57. The cultivation of trees and shrubs is known as _____.

(a) Viticulture
(b) Pomiculture
(c) Arboriculture
(d) Pisciculture

Answer: (c)

58. Which among the following mountain peaks is not located on the Western Ghats?
    (a) Kalsubai
    (b) Mullayanagiri
    (c) Anamudi
    (d) Dhupgarh
    Answer: (d)

59. The _____ was also called the White Flowing River because all the people that were joining the procession were wearing white khadi.
    (a) Khilafat Movement
    (b) Quit India Movement
    (c) Salt March
    (d) Non Cooperation Movement
    Answer: (c)

60. When was the Pitt's India Act passed?
    (a) 1792
    (b) 1786
    (c) 1780
    (d) 1784
    Answer: (d)

General Awareness2

61. Who was the Governor General of India during the Fourth Anglo-Mysore War?
    (a) Lord Bentinck
    (b) Lord Wellesley
    (c) Lord Canning
    (d) Lord Dalhousie
    Answer: (b)

62. Who presided over the Congress Session of Banaras in 1905?
    (a) Gopal Krishan Gokhale
    (b) Dadabhai Naoroji
    (c) Pherozeshah Mehta
    (d) Subash Chandra Bose
    Answer: (a)

63. When was the Second Battle of Tarain fought?
    (a) 1206
    (b) 1210
    (c) 1190
    (d) 1192
    Answer: (d)

64. Who among the following didn't receive the Bharat Ratna award in 2019?
(a) Bhupen Hazarika
(b) Nanaji Deshmukh
(c) Pranab Mukherjee
(d) Virat Kohli
Answer: (d)

65. Who is the author of 'India Divided'?
(a) Jawaharlal Nehru
(b) Rajendra Prasad
(c) Shashi Tharoor
(d) A. P. J. Abdul Kalam
Answer: (b)

66. Where is the headquarters of the Association of Southeast Asian Nations located?
(a) China
(b) Indonesia
(c) Nepal
(d) Vietnam
Answer: (b)

67. Who among the following is the current (August 2( ) chief minister of Tripura?
(a) Neiphiu Rio
(b) Conrad Sangma
(c) Prem Singh Tamang
(d) Biplab Kumar Deb
Answer: (d)

68. Every year, the state of Odisha celebrates Utkal Divas on _____.
(a) 1st April
(b) 31st march
(c) 2nd April
(d) 29th March
Answer: (a)

69. Prime Minister Narendra Modi addressed India to switch off their lights on _____ at 9 PM for nine minutes and light lamps or candle.
(a) 5th April 2020
(b) 6th April 2020
(c) 7th April 2020
(d) 4th April 2020
Answer: (a)

70. On April 4, 2020, the associations of civil servants formed an initiative called _____ to support the government efforts to fight Corona Virus.

(a) PRAAN
(b) CARUNA
(c) KRUNA
(d) JEEVAN

Answer: (b)

71. Which among the following applications is launched by the Government of India to map the location of a COVID-19 positive patient through GPS on 2nd April 2020?

(a) Corona Tracker
(b) Corona Kavach
(c) Corona Yojana
(d) Corona Naksha

Answer: (b)

72. The concept of "Equal Protection Under Law" in the Indian Constitution is borrowed from the constitution of which of the following countries?

(a) Australia
(b) United Kingdom
(c) Ireland
(d) United States of America

Answer: (d)

73. Who among the following is the ex-offi[illegible]hai[illegible]n of the Rajya Sabha?

(a) Vice President of India
(b) Finance Minister of India
(c) President of India
(d) Prime Minister of India

Answer: (a)

74. Which among the following Schedules in the Indian Constitution is associated with the central government, state, and concurrent lists of responsibilities?

(a) Sixth
(b) Ninth
(c) Eighth
(d) Seventh

Answer: (d)

75. Which among the following Constitutional Amendment incorporated Dadra and Nagar Havelli as a Union Territory?

(a) 8th
(b) 9th
(c) 10th
(d) 11th

Answer: (c)

76. As per the FIH Rankings 2020, Indian Men's Hockey Team attained _____ position.

(a) 3rd
(b) 5th
(c) 4th
(d) 2nd

Answer: (b)

77. On March 30, 2020 the International Table Tennis Federation (ITTF) announced that it is suspending all the planned events till _____.

(a) 30th June 2020
(b) 31st July 2020
(c) 31st August 2020
(d) 30th September 2020

Answer: (a)

78. Which among the following won the first FIFA W d Cup held in 1930?

(a) Yugoslavia
(b) Argentina
(c) Uruguay
(d) United States

Answer: (c)

79. Which among the following teams won the Ranji Trophy title for the first time in 70 years in March 2020?

(a) Vidarbha
(b) Karnataka
(c) Bengal
(d) Saurashtra

Answer: (d)

80. Which among the following countries will host the third Asian Youth Games to be held in November 2020 as announced by the Olympic Council of Asia?

(a) China
(b) India
(c) United States
(d) United Kingdom

Answer: (a)

Arithmetic Ability1

81. HCF of two numbers is 11. If these two numbers are in the ratio 14:15 then, what are the numbers?

(a) 154, 165
(b) 70, 75
(c) 84, 90
(d) 98, 105

Answer: (a)

82. When a number is subtracted by 30 percent of another number then, it becomes 120 percent of the another number. What is the ratio between the number and the another number?

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

Answer: (c)

83. The price of A increases by 30 paise every year, while the price of B increases by 10 paise every year. If in 1992, the price of A was Rs. 5 and that of B was Rs. 6.50, in which year A will cost 50 paise more than B?

(a) 2000
(b) 1998
(c) 2002
(d) 2005

Answer: (c)

84. What is the sum of two consecutive even numbers, the difference of whose squares is 60?

(a) 40
(b) 30
(c) 32
(d) 48

Answer: (b)

85. For 12 innings, Pankaj has an average of 104 runs. In the thirteenth inning, he scores 143 runs, thus increasing his average. By how much has his average increased?

(a) 13.7 runs
(b) 17 runs
(c) 8 runs
(d) 3 runs

Answer: (d)

86. Raghu bought some chocolates at 15 percent discount on the original price. The original price of each chocolate is Rs. 160. If he made a total savings of Rs. 480 then, how many chocolates did he buy?

(a) 30

(b) 20

(c) 40

(d) 32

Answer: (b)

87. The average of 11 consecutive numbers is 'n'. If the next four numbers are included, then what will be the average?

(a) n

(b) n + 1

(c) n + 2

(d) n + 3

Answer: (c)

88. Kapil has to pay 42 percent of the money in his wallet as electricity bill. He pays Rs. 756 as electricity bill. How much money does he have in his wallet?

(a) Rs. 1800

(b) Rs. 1600

(c) Rs. 1876

(d) Rs. 1956

Answer: (a)

89. In an examination 850 boys and 1120 girls appeared. 30 percent of the boys and 60 percent of the girls passed the exam. What is the percentage of failed candidates?

(a) 10 percent

(b) 48.14 percent

(c) 52.94 percent

(d) 30 percent

Answer: (c)

90. The total population of a town was 8400 in year 1. The number of males and females increases by 8 percent and 5 percent respectively and consequently the population becomes 8955 in year 2. What was the number of females in the town in year 1?

(a) 4500

(b) 3900

(c) 6000

(d) 4800

Answer: (b)

91. The number of trees in a city increased by 5 percent in the first year, decreased by 8 percent in second year and increased by 15 percent in third year. If now the number of trees is 11109, then what was the number of trees in the beginning?

(a) 10000
(b) 10500
(c) 10409
(d) 10909

Answer: (a)

92. By selling a garland for Rs. 11.50, a shopkeeper gains 15 percent. For how much should he sell it to gain 30 percent?

(a) Rs. 12
(b) Rs. 12.50
(c) Rs. 13
(d) Rs. 13.50

Answer: (c)

93. If the price of onions falls by 12 percent, by how much percent must a householder increases its consumption, so as not to decrease his expenditure in this item?

(a) 600/49 percent
(b) 150/11 percent
(c) 100/7 percent
(d) 150/7 percent

Answer: (b)

94. Trishita bought a video game and paid 10 [illegible] t less than the original price. She sold it at 20 percent profit on the price she had paid. What was the percentage of profit earned by Trishita on the original price?

(a) 8 percent
(b) 42 percent
(c) 70 percent
(d) 36 percent

Answer: (a)

95. Two numbers are in the ratio 6 : 7 and if 16 is added to the first number and 16 is subtracted from the second number then, the ratio becomes 2 :
1. What is the difference between these two numbers?

(a) 5
(b) 18
(c) 12
(d) 6

Answer: (d)

96. An amount of money is to be divided between Praveen, Pankaj and Rohan in the ratio of 4 : 5 : 9. If the difference between the shares of Pankaj and Rohan is Rs. 6720. What is the total amount of money?

(a) Rs. 36050
(b) Rs. 25120
(c) Rs. 30240
(d) Rs. 38050

Answer: (c)

97. A sum of Rs. 3159 was divided among men and women in such a way that each man gets Rs. 40.50 and each women gets Rs. 31.50. If the total number of men and women is 90. What is the number of women?

(a) 36
(b) 54
(c) 48
(d) 52

Answer: (b)

98. Four friends P, Q, R and S have some money among them, they decided to equate the money, so first P gave Q what Q had initially, now Q gave R what R had initially, now R gave S what S had initially and finally S gave P what P had now. Thus each of them had an equal sum of Rs. 124. Then what amount did S have initially?

(a) 178.25
(b) 108.5
(c) 93
(d) 62

Answer: (c)

99. What is the simple interest on Rs. 72000 at 5(2/11) percent per annum for a period of 11 months?

(a) Rs. 3420
(b) Rs. 7200
(c) Rs. 4840
(d) Rs. 5120

Answer: (a)

100. Akshay lent Rs.8000 to Balraj for 3 years and Rs. 5000 to Kavita for 5 years on simple interest at the same rate of interest and received Rs. 4900 in all from both of them as interest. What is the rate of interest per annum?

(a) 5 percent
(b) 6 percent
(c) 8 percent
(d) 10 percent

Answer: (d)

Arithmetic Ability2

101. If it is given that simple interest is 8.5 percent annually and compound interest is 8 percent annually, what will be the difference between the interests on Rs. 4000 after 2 years?

(a) Rs. 14.4

(b) Rs. 42

(c) Rs. 53.4

(d) Rs. 58.8

Answer: (a)

102. A sum of Rs. 10000 is to be divided between a brother and a sister such that if the interest being compounded annually is 6 percent per annum, then the money with the brother after 3 years is equal to the money with sister after 5 years. What is the share of brother?

(a) Rs. 5984.11

(b) Rs. 5291.01

(c) Rs. 6010.01

(d) Rs. 6111.24

Answer: (b)

103. A bus covers four successive 4 km stretches at speeds of 20 kmph, 40 kmph, 60 kmph and 80 kmph respectively. What is the average speed of the bus over the total 16 km?

(a) 45.8 kmph

(b) 50 kmph

(c) 38.4 kmph

(d) 60 kmph

Answer: (c)

104. Sonal travelled a distance of 40 Km at the speed of 6 Km/hr, she reached 20 minutes later than a certain fixed time. If she travels at the speed of 10 Km/hr, how early from the fixed time will she reach?

(a) 2 Hrs 20 minutes

(b) 1 Hrs 30 minutes

(c) 2 Hrs 30 minutes

(d) 3 Hrs

Answer: (a)

105. Akash travelled 160 Kms in 3 hours. He went some distance at the rate of 60 Km/hr and the rest at 40 Km/hr. How far did he travel at the rate of 40 Km/hr?

(a) 60 Km

(b) 40 Km

(c) 36 Km

(d) 50 Km

Answer: (b)

106. Ravi and Mohan together can complete a work in 24 days. Ravi alone can complete the work in 40 days. In how many days Mohan alone can finish this work?

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

Answer: (a)

107. Rohit can do a work in 15 days. Kapil is 50 percent more efficient than Rohit. In how many days will the work be completed by Kapil?

(a) 30 days
(b) 23 days
(c) 8 days
(d) 10 days

Answer: (d)

108. 30 employees of a company working for 6 hours a day, completed a task in 7 days. If 36 employees work for 7 hours a day, then what is the time required to complete the work?

(a) 2 days
(b) 4 days
(c) 5 days
(d) 6 days

Answer: (c)

109. A man, a woman and a boy can comp[illegible]a w[illegible] in 4 days, 6 days and 12 days respectively. How many boys must assist 1 man and 1 wom[illegible]omplete the job in half of a day?

(a) 12
(b) 19
(c) 48
(d) 25

Answer: (b)

110. If the ratio of the curved surface area and the volume of a cylinder is 4 : 5 then, what is its diameter?

(a) 5 unit
(b) 4 unit
(c) 7 unit
(d) 10 unit

Answer: (a)

111. 12 Circular plates each of thickness 2 cm are placed one above the other and a hemisphere of diameter 12 cm is placed on the top just to cover the cylindrical solid. What is the volume of the solid so formed?

(a) 800π cu cm

(b) 890π cu cm

(c) 1008π cu cm

(d) 980π cu cm

Answer: (c)

112. If the volume of a cone of radius 3.5 cm is 269.5 cu cm, then, what is the height of the cone?

(a) 14 cm

(b) 21 cm

(c) 28 cm

(d) 12 cm

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'. The Karnataka region on average had receive (1)/ heavier rainfall than Kerala, (2)/ Maharashtra and Goa. (3)/ No Error (4)

(a) The Karnataka region on average had receive

(b) heavier rainfall than Kerala,

(c) Maharashtra and Goa.

(d) No Error

Answer: (a)

122. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. It may probably have involved the knowledge that liberation (1)/ was attained by the combination of mindfulness and dhyāna, applied (2)/ to the understanding of the arising and cease of craving. (3) No Error (4)

(a) It may probably have involved the knowledge that liberation

(b) was attained by the combination of mindfulness and dhyāna, applied

(c) to the understanding of the arising and cease of craving.

(d) No Error

Answer: (c)

123. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. According to Bronkhorst, the first two inscriptions are later additions, while insight into (1)/ the four truths represent a later development; within response to concurring religious (2)/ traditions, in which "liberating insight" came to be stressed over the practice of dhyana. (3) No Error (4)

(a) According to Bronkhorst, the first two inscriptions are later additions, while insight into

(b) the four truths represent a later development; within response to concurring religious

(c) traditions, in which "liberating insight" came to be stressed over the practice of dhyana.

(d) No Error

Answer: (b)

124. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
River provide portable water, cheap transportation, (1)/ electricity, and the livelihood for (2)/ many people nationwide. (3)/ No Error (4)

(a) River provide portable water, cheap transportation,

(b) electricity, and the livelihood for

(c) many people nationwide.

(d) No Error

Answer: (a)

125. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Egypt has one of the biggest histories of (1)/ any country, tracing its heritage back (2)/ to the 6th–4th millennia BCE. (3)/ No Eror (4)

(a) Egypt has one of the biggest histories of

(b) any country, tracing its heritage back

(c) to the 6th–4th millennia BCE.

(d) No Error

Answer: (a)

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.
The range (terminates) north to south along the western edge of the Deccan Plateau, and separates the plateau from a narrow coastal plain, called Konkan, along the Arabian Sea.

(a) absorbs

(b) runs

(c) disperses

(d) No Correction Required

Answer: (b)

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.
In most armies use of the word "soldier" has taken on a more general (meaning, the increased specialisation) of military occupations that require different areas of knowledge and skill-sets.

(a) meant due to the increased specialisation

(b) meaning due to the increasing specialisation

(c) meaning that the increased specialising

(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.
As machines (became increasing capability, tasks considering) to require "intelligence" are often removed from the definition of AI, a phenomenon known as the AI effect.

(a) become increasingly capable, tasks considered

(b) become increasingly capable, tasks considering

(c) increased capability, task considered

(d) No Correction Required

Answer: (a)

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.
The pieces (move and capture tilted forward), until they reach the opposite end of the board, when they are crowned and can thereafter move and capture both backward and forward.

(a) moved and captured tilted forward

(b) moved and captured diagonally ahead

(c) move and capture diagonally forward

(d) No Correction Required

Answer: (c)

130. Fill in the blank with the appropriate word.
Tea is an _____ beverage commonly prepared by ɹuring hot or boiling water over cured leaves of the Camellia sinensis, an evergreen shrub native ɘast Asia.

(a) austere

(b) wholesome

(c) aromatic

(d) luscious

Answer: (c)

131. Fill in the blank with the appropriate word.
The civilian economy, which had slowly _____ throughout the war, reached disastrous levels by the middle of 1945.

(a) deteriorated

(b) ameliorated

(c) augmented

(d) modernized

Answer: (a)

132. Fill in the blank with the appropriate word.
The _____ anchored off Calais, while awaiting communications from the Duke of Parma, it was scattered by an English fire ship night attack and abandoned its rendezvous with Parma's army that was blockaded in harbour by Dutch flyboats.

(a) Squadron
(b) Armada
(c) Troop
(d) Shoal

Answer: (b)

133. Fill in the blank with the appropriate word.
Etching is an intaglio method of printmaking in which the image is _____ into the surface of a metal plate using an acid.

(a) expunged
(b) withdrawn
(c) detached
(d) incised

Answer: (d)

134. Some parts of a few sentences 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.
Because the
P: of any natural material. Few types of impurity can ntaminate it. Small numbers
Q: pink, orange or red. Diamond also has relatively
R: arrangement of atoms in diamond is ext ly d, it has the highest hardness and thermal conductivity S: of defects or impurities colou amond blue, yellow, brown, green, purple, high optical dispersion.

(a) SRPQ
(b) PQSR
(c) RPSQ
(d) QSPR

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.
The Indian rebellion
P: summary treatment of some rich landowners
Q: and princes, as well as scepticism about the improvements
R: was fed by resentments born of diverse perceptions,
S: including invasive British-style social reforms, harsh land taxes,
brought about by British rule.

(a) PSRQ

(b) RSPQ

(c) SQRP

(d) QPRS

Answer: (b)

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.
Royal Enfield was a brand name under which The Enfield Cycle Company Limited of Redditch, Worcestershire sold motorcycles, bicycles, lawnmowers and stationary engines which they had manufactured.
P: The first Royal Enfield motorcycle was built in 1901.
Q: In 1955, Enfield Cycle Company partnered with Mad[illegible]s Motors in India in forming Enfield of India, based in Chennai, and started assembling the 350cc [illegible]yal Enfield Bullet motorcycle in Madras.
R: Enfield Cycle Company also used the brand name [illegible]nfield without Royal.
S: The Enfield Cycle Company is responsible for th[illegible]esign and original production of the Royal Enfield Bullet, the longest-lived motorcycle [illegible]ian [illegible]nistory.
The Indian government wanted a motorcycle fo[illegible]police and army, for patrolling the country's border. The Royal Enfield Bullet from Enfield of India was chosen as the most suitable bike for the job.

(a) SRQP

(b) SPQR

(c) QSRP

(d) RPSQ

Answer: (d)

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.
Most monarchies only have a single person acting as monarch at any given time.
P: There are examples of joint sovereignty of spouses, parent and child or other relatives.
Q: The Empire of Austria-Hungary also had diarchy from 1867 till its collapse in the wake of World War I.
R: Although two monarchs have ruled simultaneously in some countries, a situation known as diarchy.
S: Historically this was the case in the ancient Greek city-state of Sparta, 17th-century Russia.
The leaders of such joint sovereignty are usually known as corulers.

(a) PSRQ
(b) RSQP
(c) SPQR
(d) QPSR

Answer: (b)

138. Select the word that is closest in meaning (SYNONYM) to the word given below.
Persistent

(a) Intermittent
(b) Delinquent
(c) Continual
(d) Periodic

Answer: (c)

139. Select the word that is the opposite m[illegible]ing ([illegible]TONYM) to the word given below.
Lugubrious

(a) Joyful
(b) Pensive
(c) Gloomy
(d) Honest

Answer: (a)

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

(a) Brusque
(b) Harsh
(c) Long
(d) Verbose

Answer: (a)

General English2

141. Select the word that is the opposite meaning (ANTONYM) to the word given below.
Approbation

(a) Esteem
(b) Permission
(c) Disagreement
(d) Countenance

Answer: (c)

142. Select the word that is closest in meaning (SYNONYM) to the word given below.
Precipice

(a) Sweat
(b) Rain
(c) Cliff
(d) Cheap

Answer: (c)

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

(a) ACOMMODATE
(b) ACCOMMODATE
(c) ACCOMODATE
(d) ACOMODATE

Answer: (b)

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

(a) CONCENSUS
(b) CONSENCUS
(c) CONSENSUS
(d) CONSENSES

Answer: (c)

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

(a) DAQUIRI
(b) DAIQUIRE
(c) DAQUERI
(d) DAIQUIRI

Answer: (d)

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

(a) LIASION
(b) LAISON
(c) LIAISON
(d) LIASSION

Answer: (c)

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

(a) Prospecience
(b) Prospicience
(c) Prospicence
(d) Prospisience

Answer: (b)

148. Select the most appropriate meaning of the given idiom.
Sell like hot cakes.

(a) An easy task
(b) Questionable measures
(c) Having a monopoly
(d) Selling very fast

Answer: (d)

149. Select the most appropriate meaning of the given idiom.
Drive a hard bargain.

(a) To drive very slowly.
(b) To argue hard to get a favourable deal.
(c) To move something with great difficulty.
(d) To love someone you think you can't have.

Answer: (b)

150. Select the most appropriate meaning of the given idiom.
Upset someone's applecart

(a) Doing something that causes a plan to go wrong.
(b) Causing trouble for a poor man.
(c) Having a bad stomach.
(d) Ruthlessly breaking a heart.

Answer: (a)

151. Select the most appropriate meaning of the given idiom.
Up in arms

(a) A person with very high thinking.

(b) A military man.

(c) Angry about something.

(d) Kept with very high importance.

Answer: (c)

152. Select the most appropriate 'one word' for the expression given below.
The branch of medicine that deals with the prevention, diagnosis, and treatment of cancer.

(a) Cancerology

(b) Caneology

(c) Codicology

(d) Oncology

Answer: (d)

153. Select the most appropriate 'one word' for the expression given below.
To dissent or deviate from a dominant theory, opinion, or practice.

(a) Heresy

(b) Unsavory

(c) Swerve

(d) Undignify

Answer: (a)

154. Select the most appropriate 'one word' for the expression given below.
The final beatitude transcends suffering, karma, and samsara and is sought especially in Buddhism through the extinction of desire and individual consciousness.

(a) Endurance

(b) Nirvana

(c) Continuance

(d) The big game

Answer: (b)

155. Select the most appropriate 'one word' for the expression given below.
The art of arranging letters and text in a way that makes the copy legible, clear, and visually appealing to the reader.

(a) Calligraphy

(b) Graphology

(c) Typography

(d) Theology

Answer: (c)

156. What is the meaning of the Greek word from which synergy is derived?

(a) Staying together.

(b) Made of each other.

(c) Disposition of things.

(d) Working together.

Answer: (d)

158. What do you understand by synergy?

(a) The haphazard combination of two or more things or other agents to produce an effect greater than the sum of their separate effects.

(b) The interaction or cooperation of two or more organizations, substances, or other agents to produce a combined effect greater than the sum of their separate effects.

(c) The unorganised interaction of two or more forces to produce a combined effect.

(d) The erratic formation of two or more organizations, substances, or other agents to produce a combined effect greater than the sum of their separate effects.

Answer: (b)

159. What is the risk of having synergy in a group?

(a) The interactions and communication between members increase and aids decision making

(b) It leads to group polarisation.

(c) It leads to group cohesion.

(d) Group provides friendship and support against outside threats.

Answer: (b)

160. Why is an effective group better than an ineffective group?

(a) Effective groups, in the later stages, actively look for the points in which they disagree.

(b) Ineffective groups spend a lot of time to establish a common view.

(c) Effective groups encourage conflicts amongst the participants in the early stages of the discussion.

(d) Ineffective groups focus on finding solutions they could agree on.

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

General Ability2

21	**(c)**	22	**(b)**	23	**(c)**	24	**(a)**	25	**(c)**	26	**(a)**
27	**(a)**	28	**(c)**	38	**(d)**						

General Awareness1

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

General Awareness2

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

Arithmetic Ability1

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

Arithmetic Ability2

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

General English1

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

General English2

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