PREVIOUS YEAR PAPER

DSSSB Assistant Engineer (Civil) 2021 — 27 September 2021, Shift 2

DSSSB Other Posts · 27 September 2021 · Shift 2

68 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: 132 (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 27 September 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-assistant-engineer-civil-27-sep-shift-2/

General Ability

1. Find the missing term in the following series :
6Q9, ____, 20Y23, 27C30

(a) 13U16
(b) 12S15
(c) 10T12
(d) 13S17

Answer: (a)

2. Find the wrong term in the following series :
MJ, QN, US, YV, CZ

(a) QN
(b) YV
(c) CZ
(d) US

Answer: (d)

3. Select the option that is related to the third term on the same basis as the second term is related to the first term.
HPT : EMQ :: RUD : ?

(a) MSC
(b) ORA
(c) PND
(d) MTC

Answer: (b)

4. Select the pair that is related on the same basis to the pair given in the question.
Needle : Tailor :: ?

(a) Leather : Cobbler

(b) Saw : Carpenter

(c) School : Teacher

(d) Wood : Carpenter

Answer: (b)

5. If JACKAL is coded as 11-2-4-12-2-13, then what is the code for TIGER?

(a) 19-12-10-8-17

(b) 20-9-7-5-18

(c) 21-10-8-6-19

(d) 22-11-9-7-20

Answer: (c)

6. In a certain code language 963 means flowers are beautiful 438 means beautiful and expensive 14 means expensive bag What is the code for 'and'?

(a) 8

(b) 4

(c) 3

(d) 9

Answer: (a)

7. If P $ Q means P is the brother of Q; P ! Q means P is the mother Q and P * Q means P is the son of Q, which of the following shows that W is brother of Z?

(a) W ! X * Y $ Z

(b) W * X ! Y $ Z

(c) W * X $ Y ! Z

(d) W ! X $ Y * Z

Answer: (b)

8. If Seema is taller than Yash; Aisha is taller than Seema; and Yash is taller than Wasim, who is the tallest among all?

(a) Seema

(b) Aisha

(c) Yash

(d) Wasim

Answer: (b)

9. Naina, Preksha, Yash, Uma, Esha and Gauri are sitting around a round table facing the centre. Preksha is between Uma and Yash, Gauri is between Naina and Yash and Gauri is to the left of Naina. Who is to the left of Esha?

(a) Gauri

(b) Esha

(c) Uma

(d) Naina

Answer: (d)

10. 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 : All schools are books.
Statement 2 : No books are papers.
Conclusion I : No schools are books.
Conclusion II : Some books are schools.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both I and II follow

(d) Neither I nor II follows

Answer: (b)

11. 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 statements.
Statement : 55% of Manisha's office colleagues went to watch the movie.
Conclusion I : Manisha went to watch the movie.
Conclusion II : Manisha did not go to watch the movie.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both I and II follow

(d) Either I or II follows.

Answer: (d)

12. Which two signs should be interchanged to make the below equation mathematically correct?
16 × 2 + 5 - 18 ÷ 3 = 33

(a) ×, ÷

(b) +, ÷

(c) +, -

(d) ×, -

Answer: (c)

13. Complete the following number series:
128, 115, 103, 92, _____

(a) 82
(b) 75
(c) 68
(d) 72

Answer: (a)

16. Shubham jogs 3 km west, he then turns 45° to his left and jogs 2 km, he then turns 90° to his left and jogs 3 km, he then turns 180° to his right.
Which direction is he facing now?

(a) south-east
(b) north-west
(c) south-west
(d) north-east

Answer: (b)

General Awareness

21. How many forms of Shakti are worshipped during Navaratri?

(a) 10
(b) 8
(c) 9
(d) 7

Answer: (c)

22. Pavri Nach is performed by the Kokna tribe of which of the following states?

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

Answer: (b)

23. Which among the following banks merged with the Indian Bank with effect from April 2020?

(a) Andhra Bank
(b) Canara Bank
(c) Punjab National Bank
(d) Allahabad Bank

Answer: (d)

24. As announced in the Budget 2021, Indian Railways have prepared a National Rail Plan for India. The plan is to create a 'future ready' Railway system by _____.

(a) 2025
(b) 2026
(c) 2030
(d) 2028

Answer: (c)

25. Which among the following instruments is used to measure the wind force?

(a) Anemometer
(b) Hygrometer
(c) Altimeter
(d) Galvanometer

Answer: (a)

26. The members of chlorophyceae are commonly called _____ algae.

(a) blue
(b) brown
(c) red
(d) green

Answer: (d)

27. Night Blindness is caused by the severe deficien of which of the following vitamins?

(a) Vitamin B
(b) Vitamin A
(c) Vitamin D
(d) Vitamin C

Answer: (b)

28. The ancient name of the_____ river is Vitasta.

(a) Jhelum
(b) Beas
(c) Ganga
(d) Chenab

Answer: (a)

29. The Kamet is the highest summit in the _____ mountain range.

(a) Western Ghats
(b) Zaskar
(c) Eastern Ghats
(d) Aravalli

Answer: (b)

30. In which year 'Atal Pension Yojana' was launched?
    (a) 2017
    (b) 2014
    (c) 2015
    (d) 2016
    Answer: (c)

31. Historian Vincent Smith has elevated _____ in Indian history as the Napoleon of India.
    (a) Kumaragupta I
    (b) Chandragupta I
    (c) Samudragupta
    (d) Skandagupta
    Answer: (c)

32. When was the Battle of Talikota fought?
    (a) 1535
    (b) 1565
    (c) 1532
    (d) 1558
    Answer: (b)

33. Who was the first king of the Rashtrakuta dynasty
    (a) Dhruva Dharavarsha
    (b) Govinda I
    (c) Krishna I
    (d) Dantidurga
    Answer: (d)

34. Who is the director general of World Health Organisation as of February 2021?
    (a) Margaret Chan
    (b) Roberto Azevedo
    (c) Tedros Adhanom Ghebreyesus
    (d) Christine Lagarde
    Answer: (c)

35. Playing to Win' is the autobiography of which of the following sportspersons?
    (a) Saina Nehwal
    (b) Novak Djokovic
    (c) Sania Mirza
    (d) Anil Kumble
    Answer: (a)

36. Who won the Oscar award in 2020 for the performance by an actor in a supporting role?
(a) Joe Pesci
(b) Tom Hanks
(c) Brad Pitt
(d) Al Pacino
Answer: (c)

37. Which among the following Schedule in the Indian Constitution is associated with Panchayat Raj?
(a) Eighth
(b) Ninth
(c) Eleventh
(d) Tenth
Answer: (c)

38. 49th Constitutional Amendment Act gave a constitutional sanctity to the Autonomous District Council in _____.
(a) Tripura
(b) Sikkim
(c) Arunachal Pradesh
(d) Meghalaya
Answer: (a)

39. Who has the record of the most wickets in caree One Day Internationals as of February 2021?
(a) Shahid Afridi
(b) Waqar Younis
(c) Muttiah Muralitharan
(d) Wasim Akram
Answer: (c)

40. _____ will be hosting the International Olympic Committee's (IOC) session in 2023.
(a) Chennai
(b) Mumbai
(c) Kolkata
(d) New Delhi
Answer: (b)

Arithmetic Ability

41. A number when divided by 15, 21 and 24 leaves a remainder 1. What is the number?
(a) 841
(b) 840
(c) 790
(d) 900
Answer: (a)

42. Meena sells 70 red marbles and 105 blue marbles in boxes without mixing such that each box has x number of marbles. What is the value of x?

(a) 70
(b) 35
(c) 30
(d) 45

Answer: (b)

43. What is the least positive number that is exactly divisible by 7, 11 and 3?

(a) 231
(b) 77
(c) 230
(d) 235

Answer: (a)

44. There are three light bulbs which blink at an interval of 3, 4 and 5 minutes. If they all start together, then in what time will they all blink together again?

(a) 100 min
(b) 30 min
(c) 40 min
(d) 60 min

Answer: (d)

45. Jack has 4 types of candies in the ratio 2 : 6 : 9 : 2. He decided to distribute it among kids such that each get equal number of candies and of only one variety. If he had a total of 116 candies, find the number of kids.

(a) 20
(b) 29
(c) 4
(d) 6

Answer: (b)

46. The average weight of 40 girls is 40 kg and the average weight of 40 boys is 50 kg. What is the overall average weight?

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

Answer: (b)

47. The total number of voters in a small town increased from 40000 to 60000 in a span of 5 years. What is the arithmetic average percentage increase of voters per year in the time span?

(a) 16%
(b) 8%
(c) 12%
(d) 10%

Answer: (d)

48. A number is increased by 25%. Two fourth of the original number is what percent of the new number so formed?

(a) 40%
(b) 45%
(c) 50%
(d) 25%

Answer: (a)

49. What will be the selling price if three successive discounts of 10% is applied on an item marked at Rs 3000?

(a) Rs 1800
(b) Rs 2100
(c) Rs 729
(d) Rs 2187

Answer: (d)

50. A is 30% more than C and B is 20% less than C. What is the ratio of A : B : C?

(a) 11 : 7 : 10
(b) 13 : 7 : 10
(c) 13 : 8 : 10
(d) 13 : 8 : 1

Answer: (c)

51. Two identical glass jars have milk and water in the ratio 3 : 1 and 5 : 2 respectively. If the mixture in the two jars were emptied out in an empty bucket, what is the resultant ratio of milk and water in the new mixture?

(a) 31 : 15
(b) 41 : 17
(c) 41 : 14
(d) 41 : 15

Answer: (d)

52. The wheel of a small toy car has circumference of 30 cm. What is the distance it has travelled when the wheel has made 4.5 revolutions?

(a) 135 cm
(b) 120 cm
(c) 125 cm
(d) 150 cm

Answer: (a)

53. There are two trains travelling in opposite directions. Train 1 crosses train 2 in 20 seconds and a pole in 24 seconds. What is the length of train 2 if the length of train 1 is 192 m? The speed of train 2 is given as 36 km /hr

(a) 124 m
(b) 150 m
(c) 168 m
(d) 360 m

Answer: (c)

54. A man and a child can do a work in 90 days, a woman and a child can do the same work in 60 days and a man and a woman can do the same work in 45 days. How many days will be required to complete the work if all the three work together?

(a) 20 days
(b) 40 days
(c) 30 days
(d) 25 days

Answer: (b)

55. A metal sheet of dimension 44 cm × 20 cm was rolled such that its breadth is now the height of the cylinder so formed. What will be the radius of the cylinder?

(a) 14 cm
(b) 7 cm
(c) 10 cm
(d) 21 cm

Answer: (b)

56. Meena decided to paint a hollow cone of height 20 m and radius 21 m. What will be the total cost of painting at the rate of Rs 15 per sq m?

(a) Rs 28700
(b) Rs 28710
(c) Rs 2900
(d) Rs 3000

Answer: (b)

General English

61. 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'.
A priest uses the opportunity of the plague, / and invoking his god, preach refuge in religion / to overcome the deadly attack.

(a) A priest uses the opportunity of the plague,

(b) and invoking his god, preach refuge in religion

(c) to overcome the deadly attack.

(d) No Error

Answer: (b)

62. 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'.
As the time rolls by, rats in there thousands die and lie scattered all over / the streets, while vultures begin hovering over the house as more people / start dying in the village and the epidemic kills without discrimination.

(a) As the time rolls by, rats in there thousands die and lie scattered all over

(b) the streets, while vultures begin hovering over the house as more people

(c) start dying in the village and the epidemic kills without discrimination.

(d) No Error

Answer: (a)

63. 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 purpose of the Act was to establish an institutional (structured) that could effectively protect, promote and fulfil the fundamental rights guaranteed by the Indian Constitution.

(a) qualification

(b) framework

(c) reservation

(d) no correction required

Answer: (b)

64. 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 controversy before the Madras High Court (products) from the issue of what is to be done after the Human Rights Commission completes its inquiry.

(a) stems

(b) refrains

(c) digresses

(d) no correction required

Answer: (a)

65. Fill in the blank with the appropriate word.
In protest, a nationwide _____ of work was called, marking the commencement of widespread, although not nationwide, popular discontent.

(a) celebration
(b) persistence
(c) cessation
(d) beginning

Answer: (c)

66. Fill in the blank with the appropriate word.
Like all classics, this single movement for large orchestra is both luminous and _____ ; both captivating and overwhelming.

(a) unequivocal
(b) unfathomable
(c) unassailable
(d) insatiable

Answer: (b)

67. 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 principle
P: is to present your stand on the issue at
Q: hand but effective introductory
R: purpose of the introduction
S: paragraphs are so much more
than that.

(a) SPQR
(b) RQSP
(c) SRPQ
(d) RPQS

Answer: (d)

68. 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.
After Gandhi
P: because he was a colored person travelling in first-class,
Q: was thrown off a train
R: for injustices that many people of color faced
S: he took that emotion and used it to commence the fight
at the time.

(a) QPSR
(b) QSPR
(c) PQRS
(d) SPQR

Answer: (a)

69. Select the word that is closest in meaning (SYNONYM) to the word given below Flabbergasted

(a) Disgusted

(b) Surprised

(c) Extreme heat

(d) Rubber ring

Answer: (b)

70. Select the word that is the opposite meaning (ANTONYM) to the word given below.
Oblivion

(a) Featherbrained

(b) Inadvertence

(c) Consciousness

(d) Indifference

Answer: (c)

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

(a) VICIOUS

(b) VISCIOUS

(c) VISIOUS

(d) VICSIOUS

Answer: (a)

72. Four words are given, out of which only one wo s spelt correctly. Choose the correctly spelt word.

(a) SOBRIKE

(b) SOBRIQUE

(c) SOUBRIQUET

(d) SOBRIQUET

Answer: (d)

73. Select the most appropriate meaning of the given idiom.
"To cost an arm and a leg"

(a) Something is very expensive

(b) Doing a courageous act

(c) Losing something very precious

(d) Not having the means to do basic things in life

Answer: (a)

74. Select the most appropriate meaning of the given idiom.
"Bite the bullet"

(a) To get something over with because it is inevitable

(b) To do something that is nearly impossible

(c) To procrastinate

(d) To eat a very hard biscuit

Answer: (a)

75. Select the most appropriate 'one word ' for the expression given below.
"perfect, or complete in every way"

(a) consume

(b) consummate

(c) consulate

(d) consuetude

Answer: (b)

76. What is the world compared to?

(a) Arena of opportunities

(b) Stage

(c) Part of life

(d) Needs

Answer: (b)

78. Metaphrand and metaphier are equivalent to___ _____.

(a) Cause and effect

(b) Relation and co-relation

(c) Meaning and relation

(d) Target and source

Answer: (d)

79. Referring to Julian Jaynes theory and considering the metaphor "All the men and women merely players", what are "men" and "women" ?

(a) metaphrand

(b) metaphier

(c) metaphor

(d) history

Answer: (a)

Answer key

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

General Ability

1	**(a)**	2	**(d)**	3	**(b)**	4	**(b)**	5	**(c)**	6	**(a)**	7	**(b)**	8	**(b)**
9	**(d)**	10	**(b)**	11	**(d)**	12	**(c)**	13	**(a)**	16	**(b)**				

General Awareness

21	**(c)**	22	**(b)**	23	**(d)**	24	**(c)**	25	**(a)**	26	**(d)**	27	**(b)**	28	**(a)**
29	**(b)**	30	**(c)**	31	**(c)**	32	**(b)**	33	**(d)**	34	**(c)**	35	**(a)**	36	**(c)**
37	**(c)**	38	**(a)**	39	**(c)**	40	**(b)**								

Arithmetic Ability

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

General English

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