PREVIOUS YEAR PAPER

DSSSB EVGC (Male) 2023 — 21 June 2023, Shift 1

DSSSB Other Posts · 21 June 2023 · Shift 1

43 of the paper's 300 questions · +1 for a correct answer, −0.25 for a wrong one

Left out of the original paper: 257 (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 June 2023, Shift 1. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/dsssb-other-posts/previous-year-papers/dsssb-other-posts-2023-evgc-male-21-jun-shift-1/

General

1. In a certain code language,
'M & N' means 'M is the father of N',
'M @ N' means 'M is the mother of N',
'M % N' means 'M is the brother of N',
'M # N' means 'M is the sister of N'
Based on the above, how is K related to M if 'M @ Q % T & G # K % N'?

(a) Son
(b) Brother
(c) Son's son
(d) Father

Answer: (c)

2. What should come in place of the question mark (?) in the given series in order to make it logically complete?
NR3, QN7, TJ15, WF31, ?

(a) YB60
(b) XB62
(c) YC58
(d) ZB63

Answer: (d)

3. M is the brother of O and L. Z is the daughter of M. Y is the daughter of L. AA is the daughter of O. K is the husband of L. P is the wife of O. How is P related to M?

(a) Husband's brother
(b) Sister
(c) Sister's daughter
(d) Brother's wife

Answer: (d)

4. In the following triad, each letter-cluster is related to the subsequent one following a certain logic. Select the option that follows the same logic.
SAND–NDAS–ASND

(a) VAST–AVST–STAV

(b) TWIN–INWT–WTIN

(c) WANT–ANWT–TWAN

(d) YOUR–OUYR–YURO

Answer: (b)

5. Four options are given out of which three are alike in some manner and one is different. Select the one that is different.

(a) CGK

(b) LPT

(c) FJM

(d) UYC

Answer: (c)

6. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
No edifice is a platter.
No platter is a bandage.
Some bandages are igloos.
Conclusions:
(I) Some edifices are igloos.
(II) Some bandages are edifices.
(III) Some edifices are not igloos.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Either conclusion I or conclusion III follows

(d) All the conclusions I, II and III follow

Answer: (c)

16. Read the given statement and courses of action carefully. Assuming that the information given in the statements is true and on the basis of the information given in the statement, select the option that depicts the relationship between the statement and the courses of action.
Statement:
Sales in an organisation is dipping by 10% since the last two quarters.
Courses of Action:
(I) The sales persons should be given promotions to be motivated.
(II) Sales numbers should be manipulated to showcase the growth on papers.

(a) Only (I) follows.

(b) Only (II) follows.

(c) Neither (I) nor (II) follows.

(d) Both (I) and (II) follow.

Answer: (c)

17. The given statements may either be independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statement. Read both the statements and decide which of the following answer choices correctly depicts the relationship between these two statements.
Statements:
1. Soil erosion is increasing day-by-day in the mountain regions of North India.
2. Human settlements have been increased in the last few years which led to deforestation mainly in the Northern region of India.

(a) Statement 1 is the cause and statement 2 is its effect

(b) Statement 2 is the cause and statement 1 is its effect.

(c) Both the statements 1 and 2 are independent causes.

(d) Both the statements 1 and 2 are effects of independent causes.

Answer: (b)

18. What will come in place of the '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
45 × 9 + 2 ÷8 − 20 = ?

(a) 1

(b) 41

(c) 349

(d) 9

Answer: (d)

19. Select the number from among the given options that can replace the question mark (?) in the following series.
23, 45, 54, 77, 122, 176, ?

(a) 298

(b) 253

(c) 199

(d) 228

Answer: (b)

20. Select the number from among the given options that can replace the question mark (?) in the following series.
1000, 600, 400, 300, ?

(a) 150

(b) 200

(c) 250

(d) 175

Answer: (c)

21. The Constitution (Scheduled Castes) Order (Amendment) Act, 2021 has amended which order of the constitution?

(a) Constitution (Scheduled Castes) Order, 1948
(b) Constitution (Scheduled Castes) Order, 1949
(c) Constitution (Scheduled Castes) Order, 1950
(d) Constitution (Scheduled Castes) Order, 1951

Answer: (c)

22. In April 2021, the Tika Utsav was launched on the birth anniversary of which of the following social reformers?

(a) Dr. BR Ambedkar
(b) Mahatma Jyotiba Phule
(c) Mother Teresa
(d) Swami Vivekananda

Answer: (b)

23. In the recently concluded 2021 World Deaf Judo Championship held at Paris Versailles, France which of the following teams won the 1st position?

(a) Jammu and Kashmir
(b) Uttar Pradesh
(c) Maharashtra
(d) Odisha

Answer: (a)

24. The report 'United in Science 2021' wa[illegible]leas[illegible]by_____.

(a) International Monetary Fund
(b) UNCTAD
(c) World Meteorological Organization
(d) United Nations General Assembly

Answer: (c)

25. The idea of 'Sulh-i-Kul' in Akbar's governance is attributed to:

(a) one religion
(b) universal peace
(c) special respect to rulers
(d) mutual respect

Answer: (b)

26. The Vernacular Press Act was passed under the regime of _____.

(a) Lord NorthBrook
(b) Lord Ripon
(c) Lord Lytton
(d) Lord Dufferin

Answer: (c)

27. In which of the following states is Sri Chennakeshava Kala Natya Mandali institution located?

(a) Kerala
(b) Karnataka
(c) Andhra Pradesh
(d) Tamil Nadu

Answer: (c)

28. Which of the following was NOT constructed under the Mughal rule?

(a) Taj Mahal, Agra
(b) Old Fort, Delhi
(c) Red Fort, Delhi
(d) Panch Mahal, Fatehpur Sikri

Answer: (b)

30. Dadabhai Naoroji used the menu for a prisoner and used appropriate prevailing prices to arrive at what may be called_____.

(a) 'jail cost of living'
(b) 'cost of poverty'
(c) 'adjusted cost of living'
(d) 'cost of chronic poverty'

Answer: (a)

31. Arohan Financial Services Limited is _____ _ India's largest Non-Banking Financial Company, Microfinance Institution.

(a) Western
(b) Northern
(c) Eastern
(d) Southern

Answer: (c)

32. Which of the following hills is NOT located in the North Eastern states of India?

(a) Garo hills
(b) Khasi hills
(c) Rajmahal hills
(d) Jaintia hills

Answer: (c)

33. In which year was the Census Act enacted in India?

(a) 1947
(b) 1948
(c) 1949
(d) 1950

Answer: (b)

34. When was the Rourkela Steel Plant set up?

(a) 1958
(b) 1955
(c) 1959
(d) 1960

Answer: (c)

35. Where on Earth will a person feel maximum weight?

(a) At the Poles
(b) At the Tropic of Cancer
(c) At the Tropic of Capricorn
(d) At the Equator

Answer: (a)

36. How many days does Mercury take to complete a round around the Sun's orbit?

(a) 20
(b) 44
(c) 30
(d) 88

Answer: (d)

37. Which of the following BMI (Body Mass Index) is considered as healthy weight for adults?

(a) Below 18.5
(b) 18.5 – 24.9
(c) 25.0 – 29.9
(d) 30.0 and above

Answer: (b)

38. In which of the following famous cases have the fundamental duties been particularly invoked in litigation concerning the environment?

(a) Moti Lal v. State of Uttar Pradesh
(b) Varghese v. Bank of Cochin case
(c) Rural litigation and Entitlement Kendra v. State of Uttar Pradesh
(d) Gramophone Co. v. Birendra Case

Answer: (c)

39. Under which Article has the National Commission for Backward Classes been given a Constitutional status?

(a) 338 B
(b) 330
(c) 333
(d) 361 A

Answer: (a)

40. The Annual Financial Statement is a document presented to the Parliament every year under _____ of the Constitution of India.

(a) Article 110
(b) Article 111
(c) Article 112
(d) Article 117

Answer: (c)

42. A and B can do a piece of work in 16 days and 24 days, respectively. A works consecutively for 2 days and B works on every third day. They work in this pattern till the work gets completed. In how many days will the entire work be done?

(a) 20
(b) 21
(c) 19
(d) 18

Answer: (d)

43. The smallest perfect square divisible by each of 16, 18, 20 and 25 is:

(a) 19600
(b) 14400
(c) 1600
(d) 3600

Answer: (d)

44. A work can be completed in 12 days by [illegible] working 8 hours a day. How many workers will be needed to complete the same work in [illegible] working 4 hours a day?

(a) 17
(b) 16
(c) 15
(d) 14

Answer: (c)

45. The total marks obtained by a student in Physics, Chemistry and Mathematics together is 150 more than the marks obtained by him in Chemistry. What are the average marks obtained by him in Physics and Mathematics together?

(a) 75
(b) 65
(c) 55
(d) 40

Answer: (a)

46. The average of consecutive positive integers a,b,c,d and e is 11. The average of ab,bc,cd,de and ea is _____.

(a) 110
(b) 121
(c) 100
(d) 125

Answer: (b)

47. The count of a certain breed of bacteria was found to increase at the rate of 4% per hour, if the count was initially 3,00,000 then the bacteria at the end of 3 hours is:

(a) 3,37,459
(b) 3,37,945
(c) 3,37,549
(d) 33,495

Answer: (a)

51. Which of the following is the lowest ratio?

(a) 12 : 19
(b) 9 : 16
(c) 17 : 25
(d) 4 : 23

Answer: (d)

53. If the marked price is 20% more than the cost p e and a discount of 10% is allowed on the marked price, then the percentage profit is

(a) 10%
(b) 8%
(c) 12%
(d) 7%

Answer: (b)

55. A blanket is bought for ₹3,200 and sold for ₹4,000. Find the profit percentage.

(a) 30%
(b) 26%
(c) 25%
(d) 24%

Answer: (c)

58. A can do a piece of work in 5 hours, B and C together in 3 hours, and A and C together in 2 hours.
How long will B alone take to do it?

(a) 20 hours

(b) 15 hours

(c) 30 hours

(d) 40 hours

Answer: (c)

59. The ratio of total surface area to lateral surface area of a cylinder whose radius is 30 cm and height 70 cm is:

(a) 7 : 10

(b) 10 : 7

(c) 3 : 7

(d) 7 : 3

Answer: (b)

60. A solid sphere has radius 10 cm. It is melted to form a cube. 10% material is wasted in this process.
The cube is melted to form a hemisphere. In this process 10% material is wasted. The hemisphere is melted to form eight spheres of equal radius. 10% material is also wasted in this process. What is the radius (in cm) of each new sphere?

(a) 5 cm

(b) 4.5 cm

(c) 5.5 cm

(d) 4 cm

Answer: (b)

77. Identify the most appropriate ANTONYM of the word ‘regret’.

(a) Repentance

(b) Guilt

(c) Happiness

(d) Apology

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

1	**(c)**	2	**(d)**	3	**(d)**	4	**(b)**	5	**(c)**	6	**(c)**
16	**(c)**	17	**(b)**	18	**(d)**	19	**(b)**	20	**(c)**	21	**(c)**
22	**(b)**	23	**(a)**	24	**(c)**	25	**(b)**	26	**(c)**	27	**(c)**
28	**(b)**	30	**(a)**	31	**(c)**	32	**(c)**	33	**(b)**	34	**(c)**
35	**(a)**	36	**(d)**	37	**(b)**	38	**(c)**	39	**(a)**	40	**(c)**
42	**(d)**	43	**(d)**	44	**(c)**	45	**(a)**	46	**(b)**	47	**(a)**
51	**(d)**	53	**(b)**	55	**(c)**	58	**(c)**	59	**(b)**	60	**(b)**
77	**(c)**										