PREVIOUS YEAR PAPER

DSSSB PGT Psychology (Female) 2023 — 22 June 2023, Shift 2

DSSSB PGT · 22 June 2023 · Shift 2

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

Left out of the original paper: 254 (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 22 June 2023, 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-pgt/previous-year-papers/dsssb-pgt-2023-psychology-female-22-jun-shift-2/

General

5. 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:
Most erasers are sharpeners.
Some sharpeners are pencils.
All pencils are erasers.
Conclusions:
I. Some sharpeners are erasers.
II. All erasers are pencils.
III. No pencils are sharpeners.

(a) None of the conclusions follow

(b) Only conclusions I and III follow

(c) Only conclusions I and II follow

(d) Only conclusion I follows

Answer: (d)

7. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
a _ z b _ y c _ x _ a z _ b y c c _ a a _ b b _ c c x _ a z _ b y _ c x

(a) abcabxzyabc

(b) acbacxzyabc

(c) bacabzxyabc

(d) bacazbxyacb

Answer: (a)

11. 'P # Q' means 'P is the husband of Q'.
'P $ Q' means 'P is the daughter of Q'.
'P % Q' means 'P is the mother of Q'.
'P @ Q' means 'P is the brother of Q'.
How is T related to X in 'T@S$U%X'?

(a) Husband
(b) Sister
(c) Brother
(d) Wife

Answer: (c)

12. M says, "Q is the sister of the husband of the mother of my father." How are M and Q related?

(a) Q is the maternal aunt of M.
(b) Q is the paternal grandaunt of M.
(c) Q is the father of M.
(d) Q is the sister-in-law of M.

Answer: (b)

14. LKJH is related to FEGE in a certain way based on the English alphabetical order. In the same way, FDSA is related to ZXPX . To which of the following is ZXCV related, following the same logic?

(a) PRZT
(b) PRZS
(c) TRZS
(d) TRZT

Answer: (c)

15. Four word-pairs have been given out of which three are alike in some manner and one is different.
Select the word-pair that is different.

(a) Statistics-Inference
(b) Pen-Paper
(c) Data-Information
(d) Hard work-Success

Answer: (b)

16. Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).
Assertion (A): Silver has the best electrical conductivity among metals.
Reason (R): Wood is an insulator of electricity.

(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: (b)

17. A statement is given, followed by two possible reasons numbered I and II. Read the statement carefully and decide which of the two explains the event/observation/information given in the statement.
Statement:
A fly-over was built in city A in the year 2018.
Reasons:
I.A fly-over was built in city X in the same year.
II.The opposition party in that particular state, where city A is located, had 'constructing 7 flyovers' in their 2019 election manifesto.

(a) Only I is a possible reason

(b) Only II is a possible reason

(c) Neither I nor II is a possible reason

(d) Both I and II are possible reasons

Answer: (c)

18. Select the number from among the given options that can replace the question mark (?) in the following series.
25 69 201 597 ?

(a) 1775

(b) 1825

(c) 1765

(d) 1785

Answer: (d)

19. Select the number from among the given option[illegible]at can replace the question mark (?) in the following series.
25, 32, 46, 67, 95, ?

(a) 132

(b) 128

(c) 130

(d) 131

Answer: (c)

20. What is the value of X in the following equation?
0.00005 × X = 0.5

(a) 1000

(b) 10000

(c) 1.0000

(d) 10.000

Answer: (b)

21. On 17 March 2021, the US-India Artificial Intelligence Initiative was launched by _____.

(a) Department of Science and Technology

(b) NITI Aayog

(c) Department of Biotechnology

(d) ISRO

Answer: (a)

22. According to the Census of India 2011, identify the group of states with the lowest literacy rate in India.

(a) Bihar, Jharkhand, Chhattisgarh

(b) Bihar, Arunachal Pradesh, Rajasthan

(c) Rajasthan, Assam, Uttar Pradesh

(d) Arunachal Pradesh, Odisha, Jharkhand

Answer: (b)

23. In October 2021, which state launched the programme named 'Swechha' to tackle the stigma attached to menstruation, prioritise female personal hygiene and encourage a healthy dialogue of information?

(a) Tamil Nadu

(b) Andhra Pradesh

(c) Kerala

(d) Telangana

Answer: (b)

24. Who among the following cricketers sc[illegible]d th[illegible]stest 12000 runs in One Day International cricket matches as of December 2020?

(a) Rohit Sharma

(b) Virat Kohli

(c) Steve Smith

(d) Sachin Tendulkar

Answer: (b)

25. Which of the following events proposed the idea of "Indian Dominion" by the British Government?

(a) Sargent Plan

(b) Woods Despatch

(c) Cripps Mission

(d) Cabinet Mission Plan

Answer: (c)

26. When did Alauddin Khilji attack Chittorgarh?

(a) 1301
(b) 1303
(c) 1308
(d) 1311

Answer: (b)

27. Which of the following figures of Indian independence and unity has been depicted in the 'Statue of Unity', the tallest statue in the world?

(a) Pandit Jawaharlal Nehru
(b) Dr. Rajendra Prasad
(c) Sardar Vallabhbhai Patel
(d) Lal Bahadur Shastri

Answer: (c)

28. Who among the following had introduced the Sattriya dance?

(a) Vyasa
(b) Madhavacharya
(c) Bhasa
(d) Sankaradeva

Answer: (d)

30. A Joint Liability Group is an informal group that is made up of _____ individuals who take loans against mutual guarantee.

(a) 1 to 3
(b) 4 to 10
(c) 15 to 18
(d) 20 to 30

Answer: (b)

31. Which of the following is NOT one of the components of AYUSH?

(a) Ayurveda
(b) Homeopathy
(c) Allopathy
(d) Unani

Answer: (c)

32. The 'Hauz Khas' tank built for rain water conservation in the 14th century is located in:

(a) Delhi
(b) Chandigarh
(c) Agra
(d) Fatehpur Sikri

Answer: (a)

33. The Targeted Public Distribution System was launched in _____.
(a) 1995
(b) 1996
(c) 1997
(d) 1998
Answer: (c)

34. Which of the following is the largest centre in Uttar Pradesh for the cotton textile industry?
(a) Saharanpur
(b) Kanpur
(c) Meerut
(d) Bareilly
Answer: (b)

35. Naphthalene balls are a product of which of the following substances?
(a) Coke
(b) Petroleum
(c) Coal tar
(d) Diesel
Answer: (c)

36. Which of the following combinations regarding ce organelles and their roles is correct?
(a) Mitochondria - Protein synthesis
(b) Ribosome - Protein synthesis
(c) Nucleus - Transport of minerals
(d) Chloroplast - Transpiration
Answer: (b)

37. The distance between the centre of a compression and an adjacent rarefaction is equal to _____.
(a) half the wavelength
(b) twice the wavelength
(c) the wavelength
(d) one-third of the wavelength
Answer: (a)

38. Who among the following described fundamental rights 'as a pledge to our people and a pact with the civilised world'?
(a) Balwant Rai Mehta
(b) S Radhakrishnan
(c) Zakir Hussain
(d) Ashok Mehta
Answer: (b)

39. What is the minimum completed age to be elected as the President of India?

(a) 25 years

(b) 30 years

(c) 35 years

(d) 40 years

Answer: (c)

40. In India, which of the following Articles of the Constitution states that each judge of the Supreme Court shall be appointed by the President after consulting the other judges of the Supreme Court and the High Courts?

(a) Article 121 and 122

(b) Article 124

(c) Article 125

(d) Article 129

Answer: (b)

41. Three numbers are in the ratio 1 : 2 : 3 and their LCM is 720. The HCF of these numbers is:

(a) 90

(b) 120

(c) 140

(d) 160

Answer: (b)

43. The average monthly income of a family wasRs 00 during the first 2 months, Rs.6,000 during the next 4 months and Rs.7,000 during the + 6 m ths of the years. If the total savings is Rs.10,000, find the average monthly expendi

(a) Rs.5,000

(b) Rs.6,500

(c) Rs.5,500

(d) Rs.6,000

Answer: (c)

44. The average weight of eleven students is 54 kg. If the average weight of the first six students is 55 kg and the average weight of the last six students is 52kg, then the weight of the sixth student is equal to:

(a) 50 kg

(b) 48 kg

(c) 51 kg

(d) 49 kg

Answer: (b)

46. A dishonest merchant sells his grocery using a weight 10% less than the true weight and makes a profit of 20%. Find his total percentage profit.

(a) 33%

(b) 33.33%

(c) 34%

(d) 34.33%

Answer: (b)

47. A dozen pair of gloves for ₹80 are available at a discount of 10%. Find out how many pairs of gloves can be bought for ₹24?

(a) 12

(b) 13

(c) 3

(d) 4

Answer: (d)

49. A box consists of ₹1, 50 paise and 25 paise coins in the ratio 3 : 5 : 2. The total amount of money in the box is ₹240. What is the number of 25 paise coins?

(a) 80

(b) 76

(c) 64

(d) 52

Answer: (a)

50. If 560 workers can complete a project constructing a bridge in 7 months, then how many more workers will be required to complete the project in 5 months?

(a) 400

(b) 408

(c) 784

(d) 224

Answer: (d)

52. The population of a city increases by 20% in the first year, it increases by 40% in the second year and due to Corona virus, it decreases by 10% in the third year. What will be its population after 3 years, if today it is 20,000?

(a) 24000

(b) 30240

(c) 33240

(d) 36940

Answer: (b)

53. A man covers half of the journey at the speed of 70 km/h and the remaining half at 30 km/h. What is his average speed for the whole journey?

(a) 50 km/h
(b) 45 km/h
(c) 42 km/h
(d) 55 km/h

Answer: (c)

54. A runs at a speed 4% more than B. If B is allowed a lead of 3 m, then they end the race in dead heat. What is the length of the race?

(a) 74 m
(b) 76 m
(c) 78 m
(d) 80 m

Answer: (c)

55. Sonu can do a piece of work in 30 days. Monu can do it in 20 days, and Siya can do it in 24 days. If they work together, how much time will they take to complete the work?

(a) 6 days
(b) 8 days
(c) 5 days
(d) 7 days

Answer: (b)

56. A can complete a piece of work in 120 [illegible] and [illegible] can complete it in 150 days. They work together for 20 days. Then B leaves and A alone continues the work. 12 days after that C joins A and the work is completed in 48 more days. In how many days can C complete it if he works alone?

(a) 200 days
(b) 210 days
(c) 220 days
(d) 240 days

Answer: (d)

59. A cuboidal vessel is 10 m long and 8 m wide. To hold 380 cubic metres of liquid, what should be the height (in metres) of the cuboid?

(a) 3.75
(b) 4.75
(c) 5.75
(d) 6.75

Answer: (b)

60. A copper sphere of diameter 12 cm is drawn into a wire of diameter 8 mm. What will be the length of the wire?

(a) 21 m

(b) 28.8 m

(c) 18 m

(d) 15 m

Answer: (c)

74. Select the most appropriate option to fill in the blank and complete the idiom.
A drop in the _____.

(a) sea

(b) pond

(c) island

(d) ocean

Answer: (d)

77. Identify the most suitable ANTONYM of the given word.
Apathy

(a) Detachment

(b) Indifference

(c) Enthusiasm

(d) Unconcern

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

5	**(d)**	7	**(a)**	11	**(c)**	12	**(b)**	14	**(c)**	15	**(b)**
16	**(b)**	17	**(c)**	18	**(d)**	19	**(c)**	20	**(b)**	21	**(a)**
22	**(b)**	23	**(b)**	24	**(b)**	25	**(c)**	26	**(b)**	27	**(c)**
28	**(d)**	30	**(b)**	31	**(c)**	32	**(a)**	33	**(c)**	34	**(b)**
35	**(c)**	36	**(b)**	37	**(a)**	38	**(b)**	39	**(c)**	40	**(b)**
41	**(b)**	43	**(c)**	44	**(b)**	46	**(b)**	47	**(d)**	49	**(a)**
50	**(d)**	52	**(b)**	53	**(c)**	54	**(c)**	55	**(b)**	56	**(d)**
59	**(b)**	60	**(c)**	74	**(d)**	77	**(c)**				