PREVIOUS YEAR PAPER

DSSSB PGT Hindi (Female) 2021 — 4 July 2021, Shift 1

DSSSB PGT · 4 July 2021 · Shift 1

89 of the paper's 300 questions · +1 for a correct answer, −0.25 for a wrong one · 180 minutes

Left out of the original paper: 211 (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 4 July 2021, 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-pgt/previous-year-papers/dsssb-pgt-2021-hindi-female-4-jul-shift-1/

Mental Ability

1. Find the missing term in the following letter series:
DEG, FGI, HIK,____, LMO

(a) JKM
(b) JKL
(c) JKI
(d) JLN

Answer: (a)

2. Find the missing term in the following series:
B2Y, D4W, H8S, _____

(a) L12O
(b) P16Q
(c) P16K
(d) K12O

Answer: (c)

3. 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) ZYXWV
(b) PONML
(c) KJIHG
(d) FDCAB

Answer: (d)

4. 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) ACCEPT : TEPCCA
(b) DEGREE : EERGED
(c) CREDIT : TIDERC
(d) LEADER : REDAEL

Answer: (a)

5. Select the option that is related to the third term on the same basis as the second term is related to the first term.
AZ : ZA :: EG : ?

(a) VU

(b) VT

(c) GF

(d) PN

Answer: (b)

6. Select the pair that is related on the same basis to the pair given in the question.
ADG : BFJ :: ?

(a) LMN : OPQ

(b) ZND : APG

(c) DGH : EFI

(d) RTV : QSU

Answer: (b)

7. Find the wrong number in the following number series:
1250, 500, 200, 80, 30

(a) 1250

(b) 500

(c) 80

(d) 30

Answer: (d)

8. Select the option that is related to the third [illegible] the same basis as the second term is related to the first term.
15: 210 :: 33: ?

(a) 1056

(b) 995

(c) 999

(d) 1089

Answer: (a)

9. Pawan, Akash, Ritesh, Sourav, Tanmay, Umang, Vikas and Wasim are eight friends sitting in a merry go round facing the centre.
Wasim is on the immediate left of Pawan but is not the neighbour of Tanmay or Sourav. Umang is on the immediate right of Akash and Vikas is the neighbour of Tanmay. Ritesh is to the immediate left of Tanmay and the immediate right of Umang. What is the position of Sourav?

(a) Immediate left of Akash

(b) Second to the right of Umang

(c) Immediate left of Pawan

(d) Between Akash and Umang

Answer: (a)

10. Five friends Anjali, Malini, Riya, Lisa and Disha go to a club. Anjali is twice as old as Malini. Riya is half of the age of Malini. Anjali's age if half that of Disha's and Riya is twice as old as Lisa. Only the youngest person is below 18 years and hence is not allowed inside the club. Find out who is not allowed to go in the club.

(a) Disha
(b) Riya
(c) Lisa
(d) Anjali

Answer: (c)

11. In the question three statements are given, followed by two conclusions. 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 data is raw.
Statement 2: No information is raw.
Statement 3: All information is caselet.
Conclusion I: Some data are information.
Conclusion II: Some raw is caselet.

(a) Only I follows
(b) Only II follows
(c) Both I and II follows
(d) Neither I nor II follows

Answer: (d)

12. In the question, one statement is given, followed by two conclusions, I and II. You have to consider the statement 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: Money plants have thin leaves and requires a lot of water.
Conclusion I: Plants with thin leaves requires lot of water.
Conclusion II: Money plants cannot be grown in places having scarcity of water.

(a) Only I follows
(b) Only II follows
(c) Both I and II follows
(d) Neither I nor II follows

Answer: (b)

13. Find the wrong number in the following number series:
121, 169, 289, 361, 529, 576

(a) 529
(b) 361
(c) 289
(d) 576

Answer: (d)

14. Select the option that is related to the third term on the same basis as the second term is related to the first term.
20 : 420 :: 30 : ?

(a) 930
(b) 995
(c) 999
(d) 1089

Answer: (a)

General Awareness

21. Which among the following folk music is popular in Goa? This music usually has a quick rhythm and has themes from everyday Goan life.

(a) Bhatiali
(b) Kajari
(c) Sohar
(d) Dulpod

Answer: (d)

22. The Rongali Bihu marks the Assamese New Year and the beginning of the agricultural season. It is the festival of merriment and feasting and is celebrated for _____ days.

(a) three
(b) five
(c) seven
(d) ten

Answer: (c)

23. When was the National Bank for Agriculture and Rural Development (NABARD) formed?

(a) 1975
(b) 1982
(c) 1991
(d) 1989

Answer: (b)

24. As announced in the Budget 2021, Nirmala Sitharaman proposed a grant of _____ to the Government of Goa for the celebrations of 60 years of liberation.

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

Answer: (d)

25. Which among the following is also known as 'white vitriol'?

(a) Sulphuric Acid
(b) Zinc Sulphate
(c) Sodium Carbonate
(d) Calcium Carbonate

Answer: (b)

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

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

Answer: (d)

27. Which among the following rivers is a tributary of the Yamuna river, starting from Madhya Pradesh?

(a) Chambal
(b) Kosi
(c) Gandak
(d) Son

Answer: (a)

28. Saser Muztagh range is the easternmost subran[illegible]of _____ range.

(a) Western Ghats
(b) Eastern Ghats
(c) Vindhayas
(d) Karakoram

Answer: (d)

29. Poona Seva Sadan was founded by G. K. Devadhar & Ramabai Ranade in _____.

(a) 1909
(b) 1915
(c) 1912
(d) 1924

Answer: (a)

30. The Battle of Bhopal, was fought in _____ between the Maratha Empire and the combined army of the Nizam and several Mughal generals.

(a) 1723
(b) 1737
(c) 1735
(d) 1746

Answer: (b)

31. Who among the following founded the Fort William College at Calcutta?

(a) Lord Hastings
(b) Lord Dalhousie
(c) Lord Wellesley
(d) Lord Curzon

Answer: (c)

32. Who among the following won the Oscars 2021 for 'Best Actress in a Leading role'?

(a) Carey Mulligan
(b) Andra Day
(c) Frances McDormand
(d) Viola Davis

Answer: (c)

33. A Long Walk to Freedom' is an autobiography of _____.

(a) Muhammad Ali
(b) Nelson Mandela
(c) Mark Twain
(d) Winston Churchill

Answer: (b)

34. The Indian Army signed a Memorandum of Under ding with _____ & National Integrity and Educational Development Organisation (NIEDO) for l akh Ignited Minds project in April 2021.

(a) Bharat Petroleum Corporation Limited
(b) Oil and Natural Gas Corporation Lin
(c) The Energy and Resources Institute
(d) Hindustan Petroleum Corporation Limited

Answer: (d)

35. SpaceX, on May 5, 2021, successfully launched and landed it's Starship _____ without any explosion for the first time.

(a) SN18
(b) SN10
(c) SN13
(d) SN15

Answer: (d)

36. Which among the following states launched the YSR Zero Interest Crop Loan Scheme for farmers on 20th April 2021?

(a) Gujarat
(b) Andhra Pradesh
(c) Bihar
(d) Rajasthan

Answer: (b)

37. The concept of 'Joint Sitting of two houses of Parliament,' in the Indian Constitution is borrowed from the Constitution of _____.

(a) Germany
(b) Japan
(c) United States of America
(d) Australia

Answer: (d)

38. A state of emergency can be declared in any state of India under article _____ on the recommendation of the governor of the state.

(a) 363
(b) 349
(c) 352
(d) 356

Answer: (d)

39. Who among the following won the 'Laureus World Sportswoman of the Year 2021'?

(a) Breanna Stewart
(b) Naomi Osaka
(c) Brigid Kosegi
(d) Wendie Renard

Answer: (b)

40. Who among the following won a silver medal in men's freestyle in 2021 Senior Asian Wrestling Championships ?

(a) Ravi Kumar Dahiya
(b) Vinesh Phogat
(c) Sakshi Malik
(d) Divya Kakran

Answer: (c)

Arithmetic Ability

41. 120 when multiplied to the cube of a number gives the product of the square of the square of the number and thrice the cube of two-fifths of the number. Find the number when given that the number is greater than 0.

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

Answer: (a)

42. A remainder of 12 is found when a number is divided by each of 60, 72, 90 and 120. Find the minimum possible value of the number.

(a) 1092

(b) 372

(c) 732

(d) 1452

Answer: (b)

43. The average of 50 numbers is 100. Out of the 50 numbers, at the most, how many numbers may be greater than 100?

(a) 0

(b) 1

(c) 49

(d) 40

Answer: (c)

44. Three candidates reached the final of a competition and the winner is to be decided from voting. They received 25000, 37500 and 62500 votes respectively. What percentage of total possible votes did the winning candidate get if 1/6th of the population did not vote?

(a) 44.44%

(b) 33.00%

(c) 41.67%

(d) 66.67%

Answer: (c)

45. The tuition fees of a school increased fro[illegible]000 to Rs 72000 in a decade. What is the average increase in fees per year?

(a) 7.50%

(b) 8%

(c) 9%

(d) 10%

Answer: (d)

46. An item is sold for a profit of 260% on cost. If the cost increases by 80% keeping the selling price constant, then find the ratio of the new profit and the selling price?

(a) 1:1

(b) 1:2

(c) 2:3

(d) 3:4

Answer: (b)

47. A seller bought 60 candies for Rs 10. How many should he sell for Rs 10 to make a profit of 25%?

(a) 50
(b) 45
(c) 48
(d) 54

Answer: (c)

48. Sum of squares of 2 numbers is 5050 and the numbers are in the ratio of 9:11. Find the difference between the sum of the numbers and the square of the difference of the numbers.

(a) 5
(b) 10
(c) 0
(d) 20

Answer: (c)

49. If 40% of a number is equal to 1/6th of another number, then what is the ratio of the 2 numbers?

(a) 2:7
(b) 12:5
(c) 5:6
(d) 5:12

Answer: (d)

50. Rs 15000 becomes Rs 19965 in 3 years with com und interest. What is the rate of interest?

(a) 5%
(b) 7.50%
(c) 8%
(d) 10%

Answer: (d)

51. The nominal rate of interest is 90% per annum. What is the effective rate of interest per annum when the interest rate is compounded every 4 months?

(a) 69.00%
(b) 89.70%
(c) 116.61%
(d) 119.70%

Answer: (d)

52. A horse climbs down a mountain 60% faster than climbing up. If the distance to be covered one way is 180 kms, and climbing down time is 180 minutes, find the climbing up speed per hour.

(a) 30 kmph
(b) 36 kmph
(c) 37.5 kmph
(d) 40 kmph

Answer: (c)

53. X runs 20 km south, then turns right and runs 15km. He then turns right again and runs 40km. What is the minimum distance between his original and current location?

(a) 20 kms
(b) 25 kms
(c) 35 kms
(d) 30 kms

Answer: (b)

54. Pipe A can empty a pool in 30 hours while Pipes B & C require 15 & 10 hours respectively to fill the pool. If the pipes can only operate one at a time and they are changed every minute from B to C and then from C to A and then back to B, then how long will it take to fill the pool?

(a) 22 hours and 30 minutes
(b) 33 hours and 30 minutes
(c) 11 hours and 30 minutes
(d) 7 hours and 30 minutes

Answer: (a)

55. Santa completed 50% of a work in 9 days and balance was done by Banta in 15 days. In how many days can Banta do the work by himself?

(a) 30
(b) 22.5
(c) 37.5
(d) 27

Answer: (a)

56. Find the slant height of a cone if the radius and height are in the ratio of 8:15 and they differ by 14 cm.

(a) 17 cm
(b) 25.5 cm
(c) 34 cm
(d) 51 cm

Answer: (c)

57. Find the ratio between the areas of 2 circles whose circumferences are in the ratio of 4:5.

(a) 4:5
(b) 8:10
(c) 16:25
(d) 5:4

Answer: (c)

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'.
The new mother did great deal of research about the effects of vaccines.

(a) The new mother did great

(b) deal of research about

(c) the effects of vaccines.

(d) No error

Answer: (a)

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'.
Samir has repeatedly said that, "Educators try to put pupils of dissimilar abilities into classes because they believe that this heterogenous grouping is advisable".

(a) Samir has repeatedly said that, "Educators try to put pupils of dissimilar abilities

(b) into classes because they believe that

(c) this heterogenous grouping is advisable".

(d) No error

Answer: (c)

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.
Disaster has also befallen (many a golfers at this hole

(a) many golfer at this hole.

(b) many an golfer at this hole.

(c) many a golfer at this hole.

(d) No correction required

Answer: (c)

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.
(Individual summon must be sent to the prelates and greater barons,) while the lesser barons hill be called together through the sheriffs and bailiffs.

(a) Individual summonses must be sent to the prelates and greater barons,

(b) Individually summon must be sent to the prelates and greater barons,

(c) Individual summons must be sent to the prelates and greater barons,

(d) No correction required

Answer: (a)

65. Fill in the blank with the most appropriate choice.
This excludes all possibility of innate ideas or any faculty akin to _____ reason.

(a) consultative
(b) constructive
(c) conservative
(d) intuitive

Answer: (d)

66. Fill in the blank with the most appropriate choice.
Even as the man tried to chase him away, the pit bull refused to release his _____ grip on the little boy.

(a) audacious
(b) judicious
(c) conscious
(d) tenacious

Answer: (d)

67. 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.
When his parents moved to Italy in 1893, Einstein dropped out of school and renounced both his German citizenship and his Jewish faith.
P. He applied to study at the Zurich Polytechnic, an advanced Swiss technical institute.
Q. However, he failed the entrance examinations and was not accepted until spending a year of preparation at a Swiss secondary school.
R. Between 1896 and 1900, he participated in a teachers' training program at the Zurich Polytechnic, where he met his lifelong friends Marcel Grossmann and Michele Angelo Besso, as well as his first wife, Mileva Maric.
S. Following the completion of his program in 1900, Einstein went on to work as a teacher and tutor in a series of posts in Germany and Switzerland.
He finally settled in Bern, Switzerland, in 1902, where he received a job as a technical expert in a patent office. In Bern, Einstein married Mileva and the couple raised two sons together.

(a) PSRQ
(b) PRSQ
(c) PQRS
(d) PSQR

Answer: (c)

68. Select the word that is opposite in meaning (ANTONYM) to the word given below Nonchalant

(a) Unconcerned
(b) Apathetic
(c) Anxious
(d) Unemotional

Answer: (c)

69. Select the word that is opposite in meaning (ANTONYM) to the word given below Compassion

(a) Benevolence

(b) Concern

(c) Sympathy

(d) Animosity

Answer: (d)

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

(a) Insidious

(b) Inscidus

(c) Inscidious

(d) Inscidous

Answer: (a)

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

(a) Prodigious

(b) Prodogious

(c) Prodogous

(d) Predogious

Answer: (a)

72. Select the most appropriate meaning of the give diom.
Cross your fingers

(a) An unbelievable tale, untrue story

(b) To make someone laugh

(c) Any difficult situation or obstacle

(d) To hope that something happens the way you want it to

Answer: (d)

73. Select the most appropriate meaning of the given idiom.
Back seat driver

(a) Having to start all over again

(b) In a backward and forward motion

(c) People who criticize from the side-lines, much like someone giving unwanted advice

(d) Persons who are having different opinions

Answer: (c)

74. Select the most appropriate 'one word ' for the expressions given below.
Very attentive to and concerned about accuracy and detail

(a) Fastidious
(b) Fatalist
(c) Fugitive
(d) Feminist

Answer: (a)

75. Select the most appropriate 'one word ' for the expressions given below.
A person who regards the whole world as his country

(a) Cosmopolitan
(b) Coquette
(c) Contemporary
(d) Cynosure

Answer: (a)

76. What was the purpose of the first submersible?

(a) underwater military applications
(b) underwater stealth operations
(c) underwater warfare
(d) underwater exploration

Answer: (d)

77. When was the first documented submersible co ucted?

(a) 1175
(b) 1648
(c) 1620
(d) 1596

Answer: (c)

80. In which war was the Turtle first deployed?

(a) American Revolutionary War
(b) Mexican-American War
(c) World War 1
(d) War of 1812

Answer: (a)

Teaching Methodology

281. _____ means making a connection between an artificial stimulus and natural response.

(a) Conditioned Stimulus
(b) Unconditioned Stimulus
(c) Neutral Stimulus
(d) Conditioning

Answer: (d)

282. In which stage of Bruner's intellectual development, learning can be obtained through using models and pictures?

(a) Final Stage
(b) Second Stage
(c) First stage
(d) Enactive Stage

Answer: (b)

283. Which theory was developed by Gestalt Psychologist?

(a) Psychoanalysis
(b) Trial and Error
(c) Insight Learning
(d) Hierarchical

Answer: (c)

284. According to which theory, as people worked together rhythmical grunts emerged which duly involved into language ?

(a) Onomatopoeic association
(b) Spontaneous exclamations
(c) Sound symbolism
(d) Yo-he-ho theory

Answer: (d)

285. _____ is the process which shows how message needs to be communicated.

(a) Language
(b) Speech
(c) Schema
(d) Questions

Answer: (b)

286. The basic factors of education are pupil, teacher, educational institution and _____.

(a) curriculum
(b) stationary
(c) uniform
(d) transport

Answer: (a)

287. The deliberate killing of newborn female children is known as _____.

(a) Female Foeticide
(b) Homicide
(c) Female Infanticide
(d) Amniocentesis

Answer: (c)

288. _____ meaning servant of God, were supposed to live the life of celibacy.

(a) Sati
(b) Jauhar
(c) Widow
(d) Devdasis

Answer: (d)

289. Under which section of Indian Evidence Act, presumption can be made as to the absence of consent in certain prosecutions for rape?

(a) 228A
(b) 114A
(c) 164A
(d) 376(A)

Answer: (b)

290. What can be defined as a gathering of people for the purpose of discussing a stated topic?

(a) Seminar
(b) Assessment
(c) Debate
(d) Portfolio

Answer: (a)

291. What describes student's performance or progr in relation to others of the same peer group, age or ability?

(a) Criterion - referenced Interpretatior
(b) Summarised Interpretation
(c) Planned Interpretation
(d) Norm - referenced Interpretation

Answer: (d)

292. _____ are typically standardized tests used for the purposes of accountability.

(a) Pre-assessment
(b) High stakes assessment
(c) Formative assessment
(d) Summative Assessment

Answer: (b)

293. Which parenting is characterised by the use of harsh disciplinary methods and refusal to justify disciplinary actions?

(a) Permissive Parenting
(b) Low Socio-economic Status
(c) Authoritarian Parenting
(d) Peer Association

Answer: (c)

294. Which of the following is the expansion of ADHD?

(a) Attention Deficiency Hyperactivity Disorder

(b) Attention Deficit Hyperactivity Disorder

(c) Attention Deficit Hypertension Disorder

(d) Attention Defensive Hyperactivity Disorder

Answer: (b)

295. Learning disabilities in language is known as _____.

(a) Dysphasia

(b) Dyslexia

(c) Dysgraphia

(d) Dyspraxia

Answer: (a)

296. In which stage of Erik Erikson's theory of psycho-social development, the individual tends to develop a sense of intimacy or commitment to a close relationship with another person?

(a) Stage IV

(b) Stage V

(c) Stage VI

(d) Stage VII

Answer: (c)

297. Who first coined the term 'Intelligent Quotient' ?

(a) Hans Jurgen Eysenck

(b) Burrhus Frederic Skinner

(c) Ivan Pavlov

(d) William Stern

Answer: (d)

298. According to Hans Jurgen Eysenck, introversion-extroversion dimension has its basis in the functioning of _____.

(a) Autonomic Nervous System

(b) Ascending Reticular Activating System

(c) Neuroticism

(d) Psychoticism

Answer: (b)

299. _____ is considered as an approach to foster a more empowered consciousness among participants.

(a) Critical Pedagogy

(b) Educational Drama

(c) Multidimensional approach

(d) Multidisciplinary Approach

Answer: (a)

300. What involves imaginative transformation and reflection on experiences, helps students expand their ability to act out thoughts in their mind?

(a) Art

(b) Dance

(c) Drama

(d) Debate

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.

Mental Ability

1	**(a)**	2	**(c)**	3	**(d)**	4	**(a)**	5	**(b)**	6	**(b)**
7	**(d)**	8	**(a)**	9	**(a)**	10	**(c)**	11	**(d)**	12	**(b)**
13	**(d)**	14	**(a)**								

General Awareness

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

Arithmetic Ability

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

General English

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

Teaching Methodology

281	**(d)**	282	**(b)**	283	**(c)**	284	**(d)**	285	**(b)**	286	**(a)**
287	**(c)**	288	**(d)**	289	**(b)**	290	**(a)**	291	**(d)**	292	**(b)**
293	**(c)**	294	**(b)**	295	**(a)**	296	**(c)**	297	**(d)**	298	**(b)**
299	**(a)**	300	**(c)**								