

VIVEKANANDHA SCHOLARSHIP ELIGIBILITY TEST – VSET 2014

MODEL QUESTION PAPER

PART D – LOGICAL & ANALYTICAL REASONING

1. Arrange the words given below in a meaningful sequence.

1. Key 2. Door 3. Lock

4. Room 5. Switch on

A. 5, 1, 2, 4, 3

B. 4, 2, 1, 5, 3

C. 1, 3, 2, 4, 5

D. 1, 2, 3, 5, 4

2. Arrange the words given below in a meaningful sequence.

1. Word 2. Paragraph 3. Sentence

4. Letters 5. Phrase

A. 4, 1, 5, 2, 3

B. 4, 1, 3, 5, 2

C. 4, 2, 5, 1, 3

D. 4, 1, 5, 3, 2

3. Arrange the words given below in a meaningful sequence.

1. Police 2. Punishment 3. Crime

4. Judge 5. Judgement

A. 3, 1, 2, 4, 5

B. 1, 2, 4, 3, 5

C. 5, 4, 3, 2, 1

D. 3, 1, 4, 5, 2

4. Arrange the words given below in a meaningful sequence.

1. Family 2. Community 3. Member

4. Locality 5. Country

A. 3, 1, 2, 4, 5

B. 3, 1, 2, 5, 4

C. 3, 1, 4, 2, 5

D. 3, 1, 4, 5, 2

5. Arrange the words given below in a meaningful sequence.

1. Poverty 2. Population 3. Death

4. Unemployment 5. Disease

A. 2, 3, 4, 5, 1

B. 3, 4, 2, 5, 1

C. 2, 4, 1, 5, 3

D. 1, 2, 3, 4, 5

6. Arrange the words given below in a meaningful sequence.

1. Leaf 2. Fruit 3. Stem

4. Root 5. Flower

A. 3, 4, 5, 1, 2

B. 4, 3, 1, 5, 2

C. 4, 1, 3, 5, 2

D. 4, 3, 1, 2, 5

7. Arrange the words given below in a meaningful sequence.

1. Nation 2. Village 3. City

4. District 5. State

A. 2, 3, 4, 5, 1

B. 2, 3, 4, 1, 5

C. 1, 3, 5, 4, 2

D. 1, 2, 3, 4, 5

8. Arrange the words given below in a meaningful sequence.

1. Caste 2. Family 3. Newly married Couple

4. Clan 5. Species

A. 2, 3, 1, 4, 5

B. 3, 4, 5, 1, 2

C. 3, 2, 1, 4, 5

D. 4, 5, 3, 2, 1

9. Arrange the words given below in a meaningful sequence.

1. Cut 2. Put on 3. Mark

4. Measure 5. Tailor

A. 3, 1, 5, 4, 2

B. 2, 4, 3, 1, 5

C. 1, 3, 2, 4, 5

D. 4, 3, 1, 5, 2

10. Arrange the words given below in a meaningful sequence.

1. House 2. Street 3. Room

4. Town 5. District

- A. 3, 2, 1, 4, 5
C. 3, 1, 2, 4, 5

- B. 3, 1, 4, 2, 5
D. 3, 1, 2, 5, 4

11.

Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?

- A. 12
C. 27
- B. 14
D. 53

12. Look at this series: 544, 509, 474, 439, ... What number should come next?

- A. 404
C. 420
- B. 414
D. 445

13. Look at this series: 80, 10, 70, 15, 60, ... What number should come next?

- A. 20
C. 30
- B. 25
D. 50

14. Look at this series: 8, 6, 9, 23, 87, ... What number should come next?

- A. 128
C. 324
- B. 226
D. 429

15. Look at this series: 36, 34, 30, 28, 24, ... What number should come next?

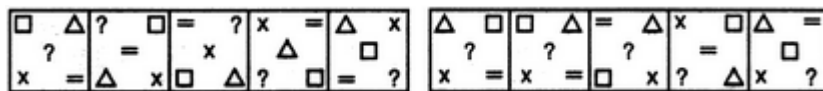
- A. 20
C. 23
- B. 22
D. 26

Series completion

16. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



- (A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

- A. 1
B. 2

C. 3

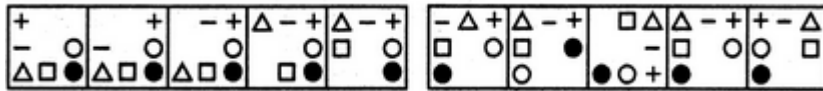
D. 4

E. 5

17. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

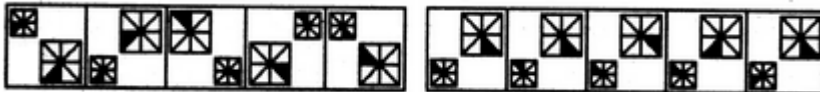
D. 4

E. 5

18. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

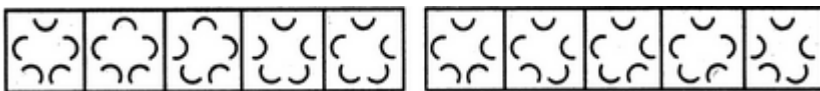
D. 4

E. 5

19. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

20. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:

Answer Figures:



(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

Blood Relation Test

21. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?

A. Brother

B. Uncle

C. Cousin

D. Father

22. If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?

A. Brother

B. Sister

C. Nephew

D. Cannot be determined

23. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?

A. Brother

B. Nephew

C. Uncle

D. Son-in-law

24. Pointing to a photograph Lata says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Lata?

A. Brother

B. Uncle

C. Cousin

D. Data is inadequate

25. If $A + B$ means A is the brother of B; $A \times B$ means A is the son of B; and $A \% B$ means B is the daughter of A then which of the following means M is the maternal uncle of N?

A. $M + O \times N$

B. $M \% O \times N + P$

C. $M + O \% N$

D. None of these

26. Deepak said to Nitin, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Deepak?

A. Son

B. Brother

C. Cousin

D. Brother-in-law

27. Pointing to a photograph Anjali said, "He is the son of the only son of my grandfather." How is the man in the photograph related to Anjali?

A. Brother

B. Uncle

C. Son

D. Data is inadequate

28. P is the mother of K; K is the sister of D; D is the father of J. How is P related to J?

A. Mother

B. Grandmother

C. Aunt

D. Data inadequate

29. Pointing to Gopi, Nalni says, "I am the daughter of the only son of his grandfather." How Nalni is related to Gopi?

A. Niece

B. Daughter

C. Sister

D. Cannot be determined

30. A's son B is married with C whose sister D is married to E the brother of B. How D is related to A?

A. Sister

B. Daughter's-in-law

C. Sister-in-law

D. Cousin

(31 – 35). Directions - In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true,

then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Give answer:

- (A) If only conclusion I follows
- (B) If only conclusion II follows
- (C) If either I or II follows
- (D) If neither I nor II follows and
- (E) If both I and II follow.

31. Statements: In a one day cricket match, the total runs made by a team were 200. Out of these 160 runs were made by spinners.

Conclusions:

- I. 80% of the team consists of spinners.
 - II. The opening batsmen were spinners.
- A. Only conclusion I follows
 - B. Only conclusion II follows
 - C. Either I or II follows
 - D. Neither I nor II follows
 - E. Both I and II follow

32. Statements: Population increase coupled with depleting resources is going to be the scenario of many developing countries in days to come.

Conclusions:

- I. The population of developing countries will not continue to increase in future.
 - II. It will be very difficult for the governments of developing countries to provide its people decent quality of life.
- A. Only conclusion I follows
 - B. Only conclusion II follows
 - C. Either I or II follows
 - D. Neither I nor II follows

E. Both I and II follow

33. Statements: Prime age school-going children in urban India have now become avid as well as more regular viewers of television, even in households without a TV. As a result there has been an alarming decline in the extent of readership of newspapers.

Conclusions:

- I. Method of increasing the readership of newspapers should be devised.
 - II. A team of experts should be sent to other countries to study the impact of TV. on the readership of newspapers.
- A. Only conclusion I follows
 - B. Only conclusion II follows
 - C. Either I or II follows
 - D. Neither I nor II follows
 - E. Both I and II follow

34. Statements: Jade plant has thick leaves and it requires little water.

Conclusions:

- I. All plants with thick leaves require little water.
 - II. Jade plants may be grown in places where water is not in abundance.
- A. Only conclusion I follows
 - B. Only conclusion II follows
 - C. Either I or II follows
 - D. Neither I nor II follows
 - E. Both I and II follow

35. Statements: All those political prisoners were released on bail who had gone to jail for reasons other than political dharnas. Bail was not granted to persons involved in murders.

Conclusions:

- I. No political - prisoner had committed murder.
- II. Some politicians were not arrested.

- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Either I or II follows
- D. Neither I nor II follows
- E. Both I and II follow

(36-40) A good way to figure out the relationship in a given question is to make up a sentence that describes the relationship between the first two words. Then, try to use the same sentence to find out which of the answer choices completes the same relationship with the third word.

36.

Odometer is to mileage as compass is to

- A. speed
- B. hiking
- C. needle
- D. direction

37. Yard is to inch as quart is to

- A. gallon
- B. ounce
- C. milk
- D. liquid

38. Artist is to painting as senator is to

- A. attorney
- B. law
- C. politician
- D. constituents

39. Guide is to direct as reduce is to

- A. decrease
- B. maintain
- C. increase
- D. preserve

40. Secretly is to openly as silently is to

- A. scarcely
- B. impolitely
- C. noisily
- D. quietly

41-45 – Direction: In each of the following questions, two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements in each question and mark your answer as

- (A) If statement I is the cause and statement II is its effect;
- (B) If statement II is the cause and statement I is its effect;
- (C) If both the statements I and II are independent causes;
- (D) If both the statements I and II are effects of independent causes; and
- (E) If both the statements I and II are effects of some common cause.

41. Statements:

- I. The prices of petrol and diesel in the domestic market have remained unchanged for the past few months.
 - II. The crude oil prices in the international market have gone up substantially in the last few months.
- A. Statement I is the cause and statement II is its effect
 - B. Statement II is the cause and statement I is its effect
 - C. Both the statements I and II are independent causes
 - D. Both the statements I and II are effects of independent causes
 - E. Both the statements I and II are effects of some common cause

42. Statements:

- I. India has surpassed the value of tea exports this year over all the earlier years due to an increase in demand for quality tea in the European market.
 - II. There is an increase in demand of coffee in the domestic market during the last two years.
- A. Statement I is the cause and statement II is its effect
 - B. Statement II is the cause and statement I is its effect
 - C. Both the statements I and II are independent causes
 - D. Both the statements I and II are effects of independent causes

E. Both the statements I and II are effects of some common cause

43. Statements:

I. There is sharp decline in the production of oil seeds this year.

II. The Government has decided to increase the import quantum of edible oil.

A. Statement I is the cause and statement II is its effect

B. Statement II is the cause and statement I is its effect

C. Both the statements I and II are independent causes

D. Both the statements I and II are effects of independent causes

E. Both the statements I and II are effects of some common cause

44. Statements:

I. It is the aim of the city's civic authority to get the air pollution reduced by 20% in the next two months.

II. The number of asthma cases in the city is constantly increasing.

A. Statement I is the cause and statement II is its effect

B. Statement II is the cause and statement I is its effect

C. Both the statements I and II are independent causes

D. Both the statements I and II are effects of independent causes

E. Both the statements I and II are effects of some common cause

45. Statements:

I. The farmers have decided against selling their kharif crops to the Government agencies.

II. The Government has reduced the procurement price of kharif crops starting from last month to the next six months.

A. Statement I is the cause and statement II is its effect

B. Statement II is the cause and statement I is its effect

C. Both the statements I and II are independent causes

D. Both the statements I and II are effects of independent causes

E. Both the statements I and II are effects of some common cause

46-50 – Direction - Three of the words will be in the same classification, the remaining one will not be. Your answer will be the one word that does NOT belong in the same classification as the others.

46. Which word does NOT belong with the others?

A. tulip

B. rose

C. bud

D. daisy

47. Which word does NOT belong with the others?

A. guitar

B. flute

C. violin

D. cello

48. Which word does NOT belong with the others?

A. heading

B. body

C. letter

D. closing

49. Which word does NOT belong with the others?

A. unimportant

B. trivial

C. insignificant

D. familiar

50. Which word does NOT belong with the others?

A. street

B. freeway

C. interstate

D. expressway

51-55 – Directions

In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series.

51. FAG, GAF, HAI, IAH, _____

- | | |
|--------|--------|
| A. JAK | B. HAL |
| C. HAK | D. JAI |

52. SCD, TEF, UGH, _____, WKL

- | | |
|--------|--------|
| A. CMN | B. UJI |
| C. VIJ | D. IJT |

53. B₂CD, _____, BCD₄, B₅CD, BC₆D

- | | |
|------------------------------------|----------------------|
| A. B ₂ C ₂ D | B. BC ₃ D |
| C. B ₂ C ₃ D | D. BCD ₇ |

54. QPO, NML, KJI, _____, EDC

- | | |
|--------|--------|
| A. HGF | B. CAB |
| C. JKL | D. GHI |

55. P₅QR, P₄QS, P₃QT, _____, P₁QV

- | | |
|----------------------|----------------------|
| A. PQW | B. PQV ₂ |
| C. P ₂ QU | D. PQ ₃ U |

56-60 Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

56. $\triangle \square \triangle \mid \square \circ \square \mid \circ \diamond \circ \mid \diamond \square ?$

- | | | | |
|------------|-----------|---------|-------------|
| \diamond | \square | \circ | \triangle |
| (1) | (2) | (3) | (4) |

- | | |
|------|------|
| A. 1 | B. 2 |
| C. 3 | D. 4 |

ANSWER KEY

1-C, 2-D, 3-D, 4-A, 5-C, 6-B, 7-A, 8-C, 9-D, 10-C, 11-B, 12-A, 13-A, 14-D, 15-B, 16-B, 17-D, 18-A, 19-A, 20-B, 21-D, 22-D, 23-A, 24-A, 25-D, 26-B, 27-A, 28-B, 29-C, 30-B, 31-D, 32-B, 33-D, 34-B, 35-A, 36-D, 37-B, 38-B, 39-A, 40-C, 41-D, 42-C, 43-A, 44-B, 45-B, 46-C, 47-B, 48-C, 49-D, 50-A, 51-A, 52-C, 53-B, 54-A, 55-C, 56-A, 57-D, 58-C, 59-B, 60-C