

NUMERICAL ABILITY

1 . $(13 \frac{3}{5} + 1 \frac{9}{10}) \times 2 = ?$

- A. 29
 C. 31

- B. 30
 D. 32

2 . $(78)^2 \div 3\sqrt{59319} = ?$

- A. 78
 C. 234

- B. 156
 D. 312

3 . $(1742.4) \div (36 \times 2.2) = ?$

- A. 18
 C. 24

- B. 22
 D. 26

4 . $999.99 + 99.999 - 9.919 = ?$

- A. 1079.19
 C. 1090.07

- B. 1081.91
 D. 1119.90

5 . $(7875) \div (14 \times 2.5) = ?$

- A. 155
 C. 225

- B. 185
 D. 245

6 . A television is bought for _____ and sold at _____ What is the gain per cent ?

- A. 12.5%
 C. 17.5%

- B. 15%
 D. 18.5%

7 The average age of eight boys is 16 years. If the age of one more boy is added to it, the average age increases by 1 year. What is the age of that boy ?

- A. 20 years
 C. 25 years

- B. 24 years
 D. 18 years

8 . What value should come in the place of question mark (?) in the given number series ?
24,37,54,75,100,129, ?

- A. 157
 C. 161

- B. 158
 D. 162

9 . Which is the smallest fraction among the following ?

- A. $\frac{7}{9}$
 C. $\frac{6}{7}$

- B. $\frac{4}{5}$
 D. $\frac{9}{13}$

C. Rs 15000

D. Rs 14000

28 If an amount of ₹ 793520 is equally distributed amongst 28 persons, how much amount would each person get ?

A. 3310

B. 3320

C. 3330

D. 3340

29 If $(38)^3$ is subtracted from the square of a number, the answer so obtained is 10664. What is the number ?

A. 246

B. 256

C. 266

D. 236

30 If the ratio of the present age of 'A' and 'B' is 5 : 4 and the ratio of their age 16 years back was 27 : 20, what is the present age of 'B' ?

A. 48 years

B. 50 years

C. 54 years

D. 56 years

31 Direction (Q. 1 - 10) : what should come in place of the question mark (?) in the following questions ?

$\sqrt{1521} \div 3 \times 12 = ?$

A. 158

B. 165

C. 167

D. 156

32 . $672 \div 24 \times 18 + 153 - 345 = ?$

A. 318

B. 324

C. 314

D. None of these

33 . $\frac{3}{4}$ of 26% of 850 = ?

A. 165.75

B. 160.35

C. 163.75

D. 167.75

34 . $144 \div 8 \div ? = 9$

A. 3

B. 2

C. 4

D. 6

35 . ? % of 590 - 11.8 = 236

A. 48

B. 45

C. 42

D. 41

REASONING ABILITY

1 Direction (Q. 1 - 5) : In each of the questions below, three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

**Statements: All desks are mirrors.
All mirrors are chairs.
Some chairs are pens.**

**Conclusions: I. Some pens are desks.
II. Some chairs are desks.**

- A.** if only conclusion I follows.
 C. if either conclusion I or conclusion II follows.

- B.** if only conclusion II follows.
 D. if neither conclusion I nor conclusion II follows.

2 . **Statements: Some crows are parrots.
Some parrots are lions.
All lions are cats.**

**Conclusions: I. Some cats are parrots.
II. Some cats are crows.**

- A.** if only conclusion I follows.
 C. if either conclusion I or conclusion II follows.

- B.** if only conclusion II follows.
 D. if neither conclusion I nor conclusion II follows.

3 . **Statements: All rings are bangles.
All bangles are tents.
All tents are skies.**

**Conclusions: I. Some skies are bangles.
II. Some tents are rings.**

- A.** if only conclusion I follows.
 C. if either conclusion I or conclusion II follows.

- B.** if only conclusion II follows.
 D. if both conclusions I and II follow.

4 . **Statements: Some glasses are rivers.
Some rivers are bottles.
Some bottles are plates.**

**Conclusions: I. Some plates are rivers.
II. Some bottles are glasses.**

- A.** if only conclusion I follows.
 C. if either conclusion I or conclusion II follows.

- B.** if only conclusion II follows.
 D. if neither conclusion I nor conclusion II follows.

5. **Statements: All trains are trucks.
Some trucks are cars.
All cars are papers.**
**Conclusions: I. Some papers are trains.
II. No paper is a train.**

- A.** if only conclusion I follows. **B.** if only conclusion II follows.
 C. if either conclusion I or conclusion II follows. **D.** if neither conclusion I nor conclusion II follows.

- 6 Direction (Q. 6 - 10) : Following questions are based on the four three-digit numbers given below:
. 879 937 365 398 256

If the positions of first and the third digits within each number are interchanged, which of the following will be the second digit of second lowest number ?

- A.** 6 **B.** 5
 C. 3 **D.** 7

- 7 **Which of the following is the sum of the first and the second digits of the second highest number ?**

- A.** 15 **B.** 17
 C. 16 **D.** 12

- 8 **If the first and second digits within each number are interchanged, which of the following will be the third digit of the lowest number ?**

- A.** 8 **B.** 5
 C. 7 **D.** 6

- 9 **Which of the following is the difference between the second digits of the highest number and the lowest number ?**

- A.** 3 **B.** 5
 C. 4 **D.** None of these

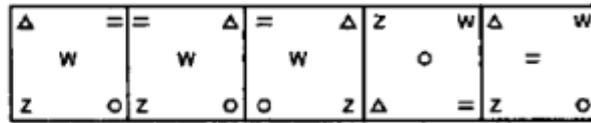
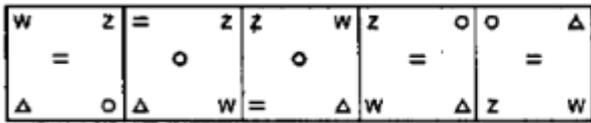
- 10 **If in each number, the second and the third digits are interchanged, which will be the second highest number ?**

- A.** 937 **B.** 365
 C. 398 **D.** 879

- 11 Direction (Q. 1 - 10) : In each of the questions given below, which one of the following five Answer Figures on the right should come after the Problem Figures on the left, if the sequence were continued ?

Problem Figures

Answer Figures



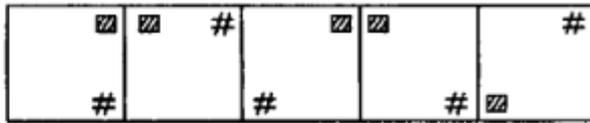
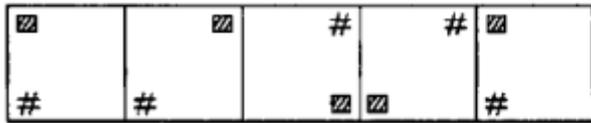
1 2 3 4 5

- A. Answer Figure 1
- C. Answer Figure 3

- B. Answer Figure 2
- D. Answer Figure 4

12. **Problem Figures**

Answer Figures



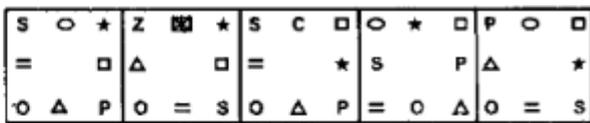
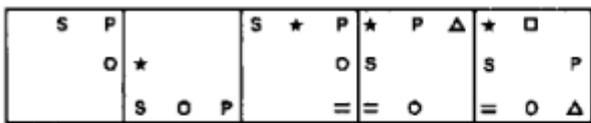
1 2 3 4 5

- A. Answer Figure 1
- C. Answer Figure 3

- B. Answer Figure 2
- D. Answer Figure 4

13. **Problem Figures**

Answer Figures



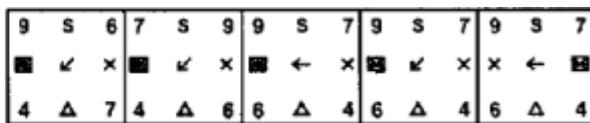
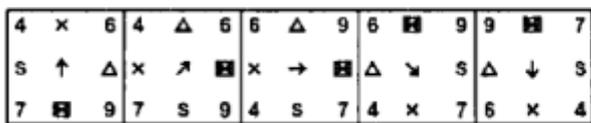
1 2 3 4 5

- A. Answer Figure 1
- C. Answer Figure 3

- B. Answer Figure 2
- D. Answer Figure 4

14. **Problem Figures**

Answer Figures



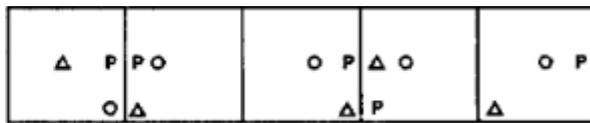
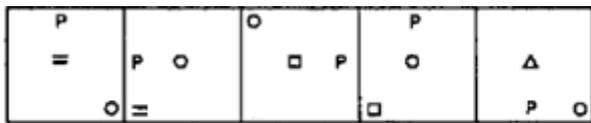
1 2 3 4 5

- A. Answer Figure 1
- C. Answer Figure 3

- B. Answer Figure 2
- D. Answer Figure 4

15. **Problem Figures**

Answer Figures



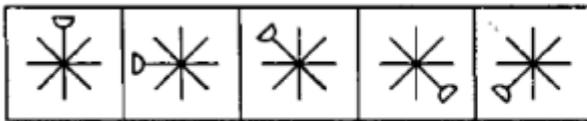
1 2 3 4 5

- A. Answer Figure 2
- C. Answer Figure 4

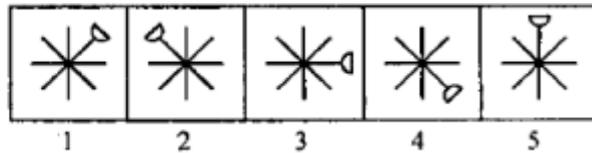
- B. Answer Figure 2
- D. Answer Figure 5

16.

Problem Figures



Answer Figures

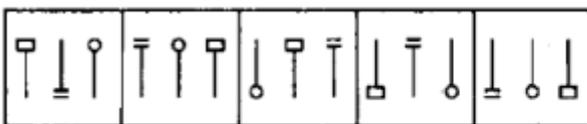


- A. Answer Figure 1
- C. Answer Figure 3

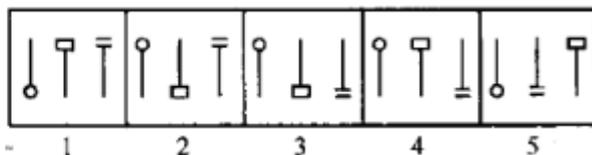
- B. Answer Figure 2
- D. Answer Figure 4

17.

Problem Figures



Answer Figures

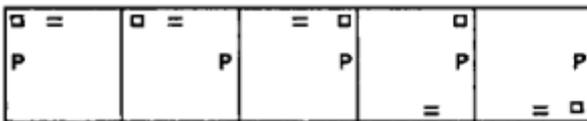


- A. Answer Figure 1
- C. Answer Figure 3

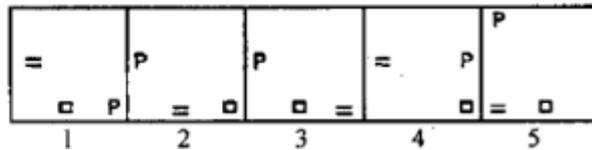
- B. Answer Figure 2
- D. Answer Figure 4

18.

Problem Figures



Answer Figures

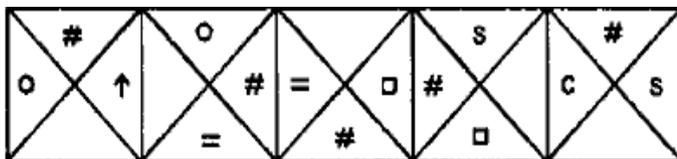


- A. Answer Figure 1
- C. Answer Figure 3

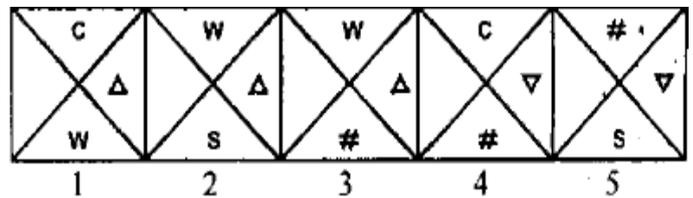
- B. Answer Figure 2
- D. Answer Figure 4

19

Problem Figures



Answer Figures

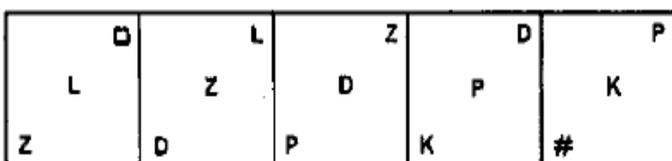


- A. Answer Figure 1
- C. Answer Figure 3

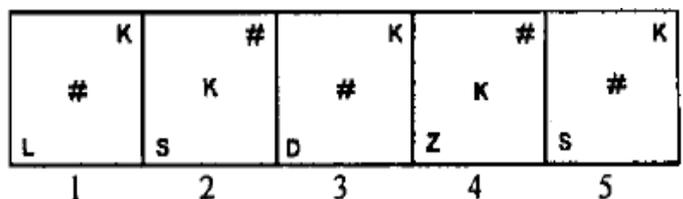
- B. Answer Figure 2
- D. Answer Figure 4

20.

Problem Figures



Answer Figures



- A.** Answer Figure 2
 B. Answer Figure 3
 C. Answer Figure 4
 D. Answer Figure 5
- 21 . **What should come next in the following letter series ?**
A B C D P Q R S A B C D E P Q R S T A B C D E F P Q R S T
- A.** A
 B. V
 C. U
 D. W
- 22 **How many such pairs of digits are there in the number 5134876, each of which has as many digits between them in the number as when the digits are rearranged in ascending order within the number ?**
- A.** None
 B. One
 C. Two
 D. More than three
- 23 **If it is possible to make only one such number with the first, the fourth and the sixth digits of the number 531697 which is the perfect square of a two digit even number, which of the following will be the second digit of the two digit even number. If no such number can be made, give '@' as the answer and if more than one such number can be made, give '@' as the answer.**
- A.** 4
 B. 2
 C. 6
 D. @
- 24 . **'BF' is related to 'HL' in the same way as 'EI' is related to — ?**
- A.** KO
 B. KN
 C. JN
 D. JO
- 25 **In a certain code JUMP is written as '39%4' and MEALS is written as '%2*7@'. How is PULSE written in that code ?**
- A.** 493@2
 B. 4*7@2
 C. 479@2
 D. 497@2
- 26 **How many meaningful English words can be made with the letters NNEO using each letter only once in each word ?**
- A.** None
 B. One
 C. Two
 D. Three
- 27 . **Which of the following has the same relationship as that of R O C K : C R O K ?**
- A.** BALE : ELAB
 B. COLD : DOLC
 C. MEAN : AEMN
 D. None of these

- 34 . **Statements: M@K, K#H, H%L**
Conclusions: I.MSH II.M*L
- A.** if only conclusion I is true. **B.** if only conclusion II is true.
- C.** if either conclusion I or conclusion II is true. **D.** if neither conclusion I nor conclusion II is true.
- 35 . **Statements: Q\$H, H*L, L%F**
Conclusions: I.Q\$F II.Q@L
- A.** if only conclusion I is true. **B.** if only conclusion II is true.
- C.** if either conclusion I or conclusion II is true. **D.** if neither conclusion I nor conclusion II is true.

ENGLISH LANGUAGE

1 Direction (Q. 1 - 5) : In each of the following sentences, there are blanks. Below each sentence there are words denoted by the numbers 1), 2), 3) and 4). Find out which word can be filled up in the blanks in the sentence in the same sequence to make it meaningfully complete.

- After many years in the _____ he returned to _____ politics last year.**
- A.** exile, routine **B.** cold, active
- C.** bewilderment, regular **D.** seclusions, daily
- 2 . **I was given to _____ that you were leaving soon.**
- A.** feel **B.** think
- C.** realise **D.** understand
- 3 . **He is _____ to learn how to _____ his superior officers.**
- A.** yet, address **B.** advised, test
- C.** said, deal **D.** ordered, regared
- 4 . **He was _____ by the mob for causing a nuisance while _____**
- A.** arrested, drinking **B.** retained, drink
- C.** caught, drank **D.** apprehended, drunk
- 5 . **'Right to Education' bill in the parliament was _____ by majority votes.**
- A.** carried **B.** approved
- C.** introduced **D.** accepted

6 Direction (Q. 6 - 10) : Rearrange the following four sentences (A), (B), (C), (D) and (E) in the proper sequence to form a meaningful paragraph; then answer the questions given below.

- (A) Some instruments have a sound box that resonates.
(B) Musical instruments work by making sound waves.

- (C) The shape and size of the instrument and the material of which it is made affect the sound.
 (D) Musical instruments can be divided into groups depending on the way they make sound.
 (E) This means that it vibrates at the same frequency as the vibrations created by the original sound, making the sound fuller and richer.

Which of the following would be the FIRST sentence after rearrangement ?

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> A. A | <input type="checkbox"/> B. B |
| <input type="checkbox"/> C. C | <input type="checkbox"/> D. D |

7 . Which of the following would be the SECOND sentence after rearrangement ?

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> A. A | <input type="checkbox"/> B. B |
| <input type="checkbox"/> C. C | <input type="checkbox"/> D. D |

8 . Which of the following would be the THIRD sentence after rearrangement ?

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> A. A | <input type="checkbox"/> B. B |
| <input type="checkbox"/> C. C | <input type="checkbox"/> D. D |

9 . Which of the following would be the FOURTH sentence after rearrangement ?

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> A. A | <input type="checkbox"/> B. B |
| <input type="checkbox"/> C. C | <input type="checkbox"/> D. E |

10 Which of the following would be the FIFTH sentence after rearrangement ?

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> A. A | <input type="checkbox"/> B. B |
| <input type="checkbox"/> C. C | <input type="checkbox"/> D. D |

11 Direction (Q. 1 - 10) : Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is 4), ie 'No error'. (Ignore the errors of punctuation, if any.)

Q. 1) Hardly had I reached /2) the bus stop /3) was hit by a /4) very thick metal rod.

- | | |
|---|--|
| <input type="checkbox"/> A. Hardly had I reached | <input type="checkbox"/> B. the bus stop |
| <input type="checkbox"/> C. was hit by a | <input type="checkbox"/> D. very thick metal rod. |

12 Q. 1) I had caution him /2) against making any /3) statement until he had /4) seen his lawyers.

- | | |
|---|---|
| <input type="checkbox"/> A. I had caution him | <input type="checkbox"/> B. against making any |
| <input type="checkbox"/> C. statement until he had | <input type="checkbox"/> D. seen his lawyers. |

13 Q. 1) It is a view of the beautifully decorated window /2) displayed by the organisers /3) of an exhibition of indoor /4) No error

- | | |
|---|--|
| <input type="checkbox"/> A. It is a view of the beautifully decorated window | <input type="checkbox"/> B. displayed by the organisers |
|---|--|

- C. of an exhibition of indoor D. No error
- 14 . **Q. 1) The manager of the bank, /2) along with /3) his whole staff /4) have resigned.**
 A. The manager of the bank, B. along with
 C. his whole staff D. have resigned.
- 15 **Q. 1) The escape of David to London /2) was successfully planned /3) but no sooner was this done then /4) George was captured and held prisoner.**
 A. The escape of David to London B. was successfully planned
 C. but no sooner was this done then D. George was captured and held prisoner.
- 16 **Q. 1) I cannot understand /2) that how you can /3) think of joining your office /4) in such a critical condition.**
 A. I cannot understand B. that how you can
 C. think of joining your office D. in such a critical condition.
- 17 **Q. 1) A first European sailor /2) to come to India /3) in modern times /4) was Vasco de Gama.**
 A. A first European sailor B. to come to India
 C. in modern times D. was Vascode Gama.
- 18 . **Q. 1) Temples were /2) crowded since /3) early morning /4) by devotees.**
 A. Temples were B. crowded since
 C. early morning D. by devotees.
- 19 . **Q. 1) The judge was /2) convinced that /3) neither of the five /4) accused was guilty.**
 A. The judge was B. convinced that
 C. neither of the five D. accused was guilty.
- 20 **Q. 1) Writing with /2) a sense of urgency /3) the letter was soon /4) finished and posted.**
 A. Writing with B. a sense of urgency
 C. the letter was soon D. finished and posted.
- 21 Direction (Q. 1 - 10) : Which of the phrases 1), 2), 3) and 4) given below each statement should replace the phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark 4) as the answer.
- I regret to say so many things out of excitement.**
 A. regret say B. to saying
 C. regret saying D. regret of saying

- 22 . **Suddenly, everybody stopped of running for the cover.**
- | | |
|--|--|
| <input type="checkbox"/> A. to run for | <input type="checkbox"/> B. running for |
| <input type="checkbox"/> C. run to | <input type="checkbox"/> D. having run for |
- 23 . **You can encourage my helping the poor.**
- | | |
|--|--|
| <input type="checkbox"/> A. my help of | <input type="checkbox"/> B. me help to |
| <input type="checkbox"/> C. myself helping | <input type="checkbox"/> D. No correction required |
- 24 . **I started work on 6 o'clock this morning and now it's over.**
- | | |
|---|---|
| <input type="checkbox"/> A. started working at | <input type="checkbox"/> B. started work from |
| <input type="checkbox"/> C. started to work since | <input type="checkbox"/> D. start for work on |
- 25 . **Having failed twice, he hadn't wanted to try again.**
- | | |
|--|---|
| <input type="checkbox"/> A. hasnt wanted for | <input type="checkbox"/> B. didnt want to |
| <input type="checkbox"/> C. wouldnt want to | <input type="checkbox"/> D. wasnt wanted to |
- 26 . **Being deceived by his friend, the shopkeeper lost all hope.**
- | | |
|---|--|
| <input type="checkbox"/> A. Being deceived of | <input type="checkbox"/> B. Been deceived from |
| <input type="checkbox"/> C. Deceived by | <input type="checkbox"/> D. Deceiving of |
- 27 . **Before you turn in for the night take a glass of warm milk**
- | | |
|---|--|
| <input type="checkbox"/> A. turn out of | <input type="checkbox"/> B. turn with in |
| <input type="checkbox"/> C. turn off at | <input type="checkbox"/> D. turn for |
- 28 . **The children listened a shocking story.**
- | | |
|--|---|
| <input type="checkbox"/> A. listen | <input type="checkbox"/> B. listened to |
| <input type="checkbox"/> C. listen for | <input type="checkbox"/> D. listening about |
- 29 . **We were astonished at seen the eight-year-olds cleaning the school compound.**
- | | |
|---|--|
| <input type="checkbox"/> A. astonished for seen | <input type="checkbox"/> B. astonished about at seeing |
| <input type="checkbox"/> C. astonished to see | <input type="checkbox"/> D. astonished of seeing |
- 30 . **Blinded with a sandstorm, the caravan fell into disorder.**
- | | |
|--|--|
| <input type="checkbox"/> A. Blinded by | <input type="checkbox"/> B. Been blind of |
| <input type="checkbox"/> C. Being blind to | <input type="checkbox"/> D. Having being blind |

ANSWERS

	NA	RA	ENG
1	C	B	B
2	B	A	D
3	B	D	A
4	C	D	D
5	C	C	D
6	C	B	B
7	C	A	C
8	D	C	A
9	D	D	D
10	D	D	D
11	A	B	B
12	B	C	A
13	B	A	D
14	C	D	D
15	D	D	C
16	B	B	B
17	B	C	A
18	B	B	D
19	D	A	C
20	C	D	A
21	A	C	C
22	D	D	B
23	B	A	D
24	D	A	B
25	A	D	B
26	D	C	C
27	A	D	C

28	D	A	B
29	B	B	C
30	D	A	A
31	D	D	
32	D	D	
33	A	D	
34	B	D	
35	C	A	