

HIGH SCHOOL SCHOLARSHIP EXAMINATION

FEBRUARY 2008

Seat No.

2151570179

QUESTION PAPER CODE NO.

0533

INTELLIGENCE TEST (ENGLISH)

TOTAL MARKS : 100

Time : 15.00 to 16.00

Please read the following instructions carefully before solving the question paper.

- N.B. —
- (1) This question paper contains 50 questions carrying 2 marks each.
 - (2) All questions are compulsory.
 - (3) A separate answer-sheet is provided. Every question has four alternatives to choose your answer from. These alternatives are numbered 1, 2, 3, 4. Out of these, only one choice of answer is correct. This correct alternative number should be written in the box provided in the answer-sheet, next to the corresponding question number, e.g.

4

 - (4) Write the correct alternative number in English only. Answer numbers written in any other language will not be accepted.
 - (5) As far as possible avoid cancellations or overwritings on the answer-paper.
 - (6) Use black or blue ink pen or ball pen to write the answers. Answers written with pencil or red pen or any other coloured ink will not be assessed.
 - (7) While correcting the answer, cancel the wrong answer number by drawing three lines across it as shown.

3

. The corrected answer number should be written next to the cancelled box to look like

3

 2.
 - (8) The correction can be done only once for each question.
 - (9) A total of only five corrections for one subject will be allowed. Marks will not be given for more than 5 corrections.
 - (10) If you do not know the answer to a question go to the next question. After having answered the questions, turn to the questions you found difficult.
 - (11) A space has been provided on every question paper for rough work. Use only that space for your rough work.
 - (12) Read the examples carefully and write the number of the correct alternative in the box as shown in the model answer-sheet.

Alphabets :— ABCDE FGHIJ KLMNO PQRST UVWXY

EXAMPLES

- (1) Which is the seventh letter to the left of the middle letter in the above given alphabet ?
(1) G (2) T (3) F (4) S

(In the above alphabet the letter 'M' is in the centre. To the left of it, the 7th letter is 'F'. So in the model question-answer 'sheet' '3' is written in the box numbered '1')

Model Answer

1 3 2 2

- (2) Find the odd figure out from the set of figures given below.



(1)



(2)



(3)



(4)

(In the second figure the part coloured black is in a different place from the rest of the figures. Therefore the answer of question 2 is 2.)

The rest of the answers have to be written in the given answer-sheet.

Q. 1. to 5.

→ *Instructions* :—In each question below a group of three

is formed because of some similarity. However one does not fit in this group. Find that from the alternatives given.

1. (1) FKLK (2) AFGA

(3) KPQK (4) PSTP

2. (1) AFK (2) CHM

(3) DNI (4) BGL

3. (1) 31 (2) 37

(3) 69 (4) 71

4. (1) 4164 (2) 8494

(3) 5204 (4) 5306

5. (1) 326 (2) 418

(3) 236 (4) 212

Space for Rough Work

Q. 6. to 8. → *Instructions* :—In each question below there is a specific relationship between the first figure and the second figure. The same relationship exists between the third figure and the fourth figure. Taking this into consideration choose the correct alternative in place of the question mark.

6.

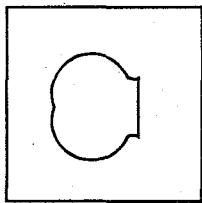
(1) (2) (3) (4)

7.

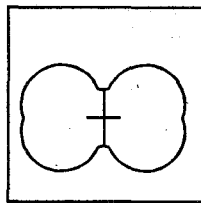
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Space for Rough Work

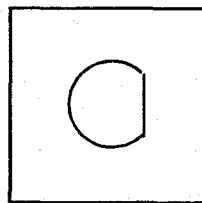
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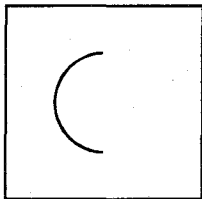


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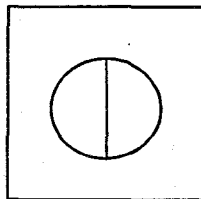


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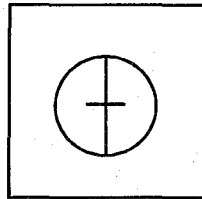
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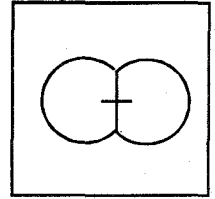
(1)



(2)



(3)



(4)

Q. 9. to 15.

→ **Instructions** :— In each question below there is a specific relationship between the first term and the second term. The same relationship exists between the third term and the fourth term. Taking this into consideration choose the correct alternative in place of the question mark.

9. Sindhu : Sutlej :: ? : Yamuna

(1) Mahanadi

(2) Godawari

(3) Kaliganga

(4) Ganga

10. Mathematics : Number :: Language : ?

(1) Word

(2) Sentence

(3) Alphabet

(4) English

Space for Rough Work

Alphabets : ABCDE FGHIJ KLMNO PQRST UVWXY

11. AC : LM :: GI : ?

(1) QR

(2) RS

(3) SR

(4) MN

12. FK : ID :: MT : ?

(1) VW

(2) RK

(3) AD

(4) LI

13. 30 : 915 :: 12 : ?

(1) 220

(2) 150

(3) 900

(4) 145

14. 77 : 7 :: 82 : ?

(1) 8

(2) 5

(3) 6

(4) 7

15. 85 : 40 :: 30 : ?

(1) 0

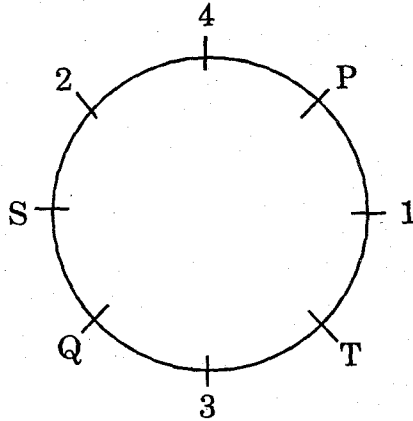
(2) 4

(3) 5

(4) 8

Space for Rough Work

Q 16. to 19. → *Instructions* :— In the figure below letters P to W are marked following a specific pattern. Some numbers are marked instead of letters. Study this pattern and answer the questions given below.



16. Which letter will come in place of 1 on the circle ?

- | | |
|-------|-------|
| (1) U | (2) W |
| (3) R | (4) V |

17. Which letter will come in place of 2 on the circle ?

- | | |
|-------|-------|
| (1) U | (2) W |
| (3) R | (4) V |

18. Which letter will come in place of 3 on the circle ?

- | | |
|-------|-------|
| (1) U | (2) W |
| (3) R | (4) V |

Space for Rough Work

Alphabets : ABCDE FGHIJ KLMNO PQRST UVWXY

19. On the circle which letter will come in place of 4 ?

- (1) U (2) W
(3) R (4) V

20. **Digits : 51647564893874938698**

In the above digits the sum of two consecutive digits is 11. How many such pairs are there of the same ?

- (1) 4 (2) 5
(3) 6 (4) 3

Q 21. and 22. **Digits : 53246153254356153474351**

21. In the above digits which digits has occurred twice ?

- (1) 1 and 2 (2) 1 and 6
(3) 2 and 6 (4) 2 and 4

22. In the above digits, how many times has the digit 3 occurred before 5 ?

- (1) 1 (2) 2
(3) 3 (4) 4

Space for Rough Work

Alphabets : ABCDE FGHIJ KLMNO PQRST UVWXY

Q. 23. to 25.

→ Instructions :— In the above alphabet if the first

group is in the fourth position, the second group in the first position, the fourth group in the second position and third and fifth groups in the same position, then on the basis of the newly formed alphabet answer the following questions by choosing the correct alternative.

23. Which letter is at the same distance from G and N in the alphabet ?

(1) S

(2) Q

(3) T

(4) R

24. Which letter is not near 'C' but is on the 8th position from 'T' in the alphabet ?

(1) B

(2) M

(3) H

(4) I

25. Which letters are at the same distance from 'M' in the alphabet ?

(1) RC

(2) RB

(3) PD

(4) QM

Space for Rough Work

Q. 26. to 29. → *Instructions* :— Which letter will come in place of the question mark ?

26. B, D, H, L, N, ?

(1) Q

(2) P

(3) R

(4) S

27. M, H, L, I, ?

(1) L

(2) J

(3) K

(4) M

28. ACB, BEC, CGD, DIE, ?

(1) EGF

(2) EHF

(3) ELF

(4) EKF

29. A, D, I, P, ?

(1) Y

(2) M

(3) T

(4) U

Space for Rough Work

Q. 26. to 29. → *Instructions* :— Which letter will come in place of the question mark ?

26. B, D, H, L, N, ?

(1) Q

(2) P

(3) R

(4) S

27. M, H, L, I, ?

(1) L

(2) J

(3) K

(4) M

28. ACB, BEC, CGD, DIE, ?

(1) EGF

(2) EHF

(3) ELF

(4) EKF

29. A, D, I, P, ?

(1) Y

(2) M

(3) T

(4) U

Space for Rough Work

Q 30. to 34. →

Instructions :—In each of the following questions

which figure will come in place of the question mark ?

30. ● ○ ○ ☆, ○ ○ ☆ ●, ○ ☆ ● ○, ?

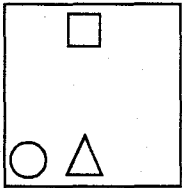
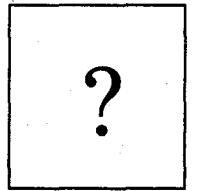
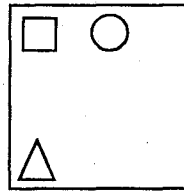
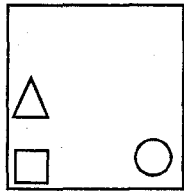
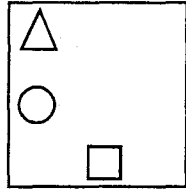
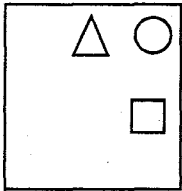
(1) ○ ○ ☆ ●

(2) ☆ ○ ● ○

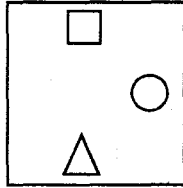
(3) ☆ ● ○ ○

(4) ○ ● ○ ☆

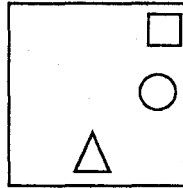
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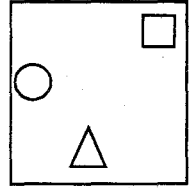
(1)



(2)

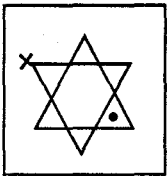
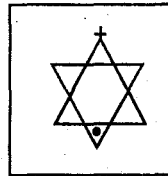
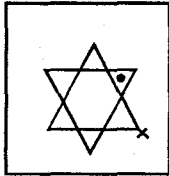
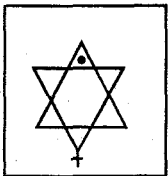


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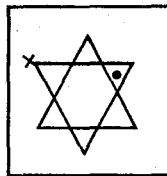


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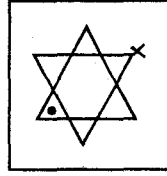
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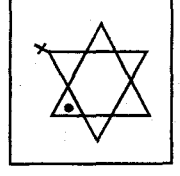
(1)



(2)



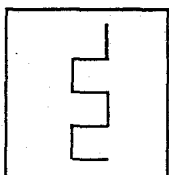
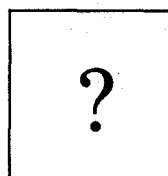
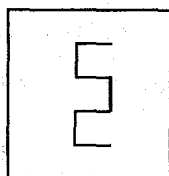
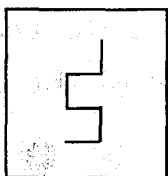
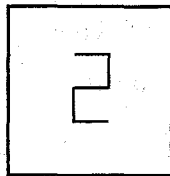
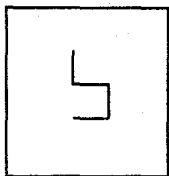
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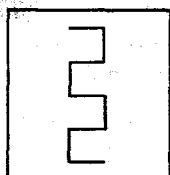
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Space for Rough Work

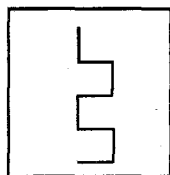
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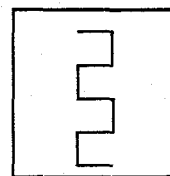
(1)



(2)

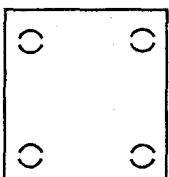
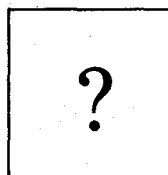
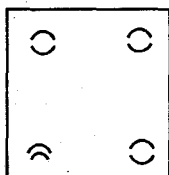
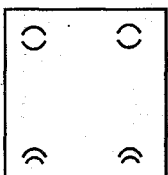
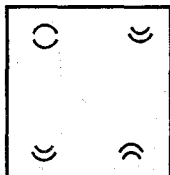
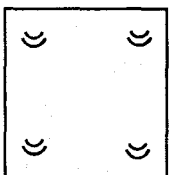


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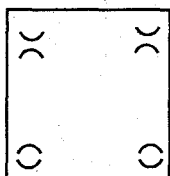


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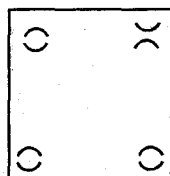
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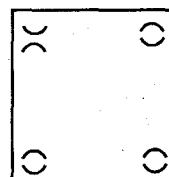
(1)



(2)



(3)



(4)

Space for Rough Work

Q. 35. to 38. → *Instructions* :— In the following questions which number will come in place of the question mark ?

35. 1, 2, 6, 24, ?

(1) 96

(2) 72

(3) 48

(4) 120

36. 66, 55, 45, 36, ?

(1) 28

(2) 29

(3) 30

(4) 21

37. 2, 9, ?, 65, 126

(1) 23

(2) 50

(3) 16

(4) 28

38. 253, 374, 495, 5116, ?

(1) 6137

(2) 6127

(3) 6117

(4) 6147

Space for Rough Work

Q. 35. to 38. → *Instructions* :— In the following questions which number will come in place of the question mark ?

35. 1, 2, 6, 24, ?

(1) 96

(2) 72

(3) 48

(4) 120

36. 66, 55, 45, 36, ?

(1) 28

(2) 29

(3) 30

(4) 21

37. 2, 9, ?, 65, 126

(1) 23

(2) 50

(3) 16

(4) 28

38. 253, 374, 495, 5116, ?

(1) 6137

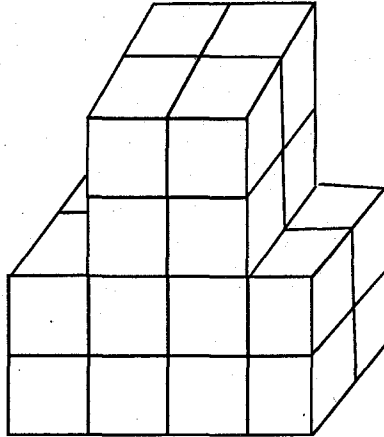
(2) 6127

(3) 6117

(4) 6147

Space for Rough Work

39. How many small cubes are there in the figure below ?



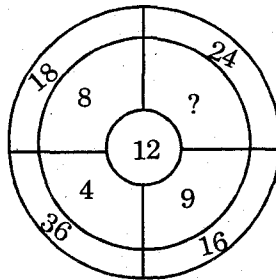
(1) 12

(2) 10

(3) 18

(4) 24

40. Which alternative will replace the question mark in the figure below ?



(1) 4

(2) 5

(3) 6

(4) 7

Space for Rough Work

41. A watch goes faster by 6 seconds per hour. Another watch goes slower by 6 seconds per hour. If you set these watches at 8.00 a.m. today, what difference in time will they show the next day at 4.00 a.m. ?

- (1) 12 seconds (2) 2 minutes
(3) 4 minutes (4) 0 second

42. An incomplete question figure is given below. Complete it by choosing the correct alternative from the answer figures.

Question Figure

Answer Figures



(1)



(2)



(3)



(4)

43. Pramod goes 6 km to the east. Then he goes 8 km to the south. How far is he from the original place ?

- (1) 14 km (2) 10 km
(3) 100 km (4) 2 km

Space for Rough Work

44. In a certain code language symbols are used in place of letters. It is not necessary that the order of symbols is the same as that of letters. Some terms are written below :

GVT : \triangle \square *

VJN : \neq \circ \square

ANL : \neq + \times

SLG : + \triangle \square

On the basis of this which alternative will represent the term GJL.

(1) \square \triangle \neq

(2) + \square \neq

(3) + * \circ

(4) \triangle \circ +

45. In a certain code language if the word 'TWO' is 428 and 'POP' is 585, then how will the term 'WOPO' be represented.

(1) 5288

(2) 2858

(3) 2585

(4) 5252

46. If A = 0, B = 2, C = 4, D = 6, then keeping this sequence how much is G + D ?

(1) 16

(2) 18

(3) 20

(4) 24

47. Which group of letters will come in place of the question mark ?
a?baab?aabba?bbaabb?

(1) abba

(2) bbaa

(3) baba

(4) abab

48. If 5th May, 2002 would be on a Friday, then on what day in the year 2005 would it be Gandhi's birth anniversary ?

(1) Friday

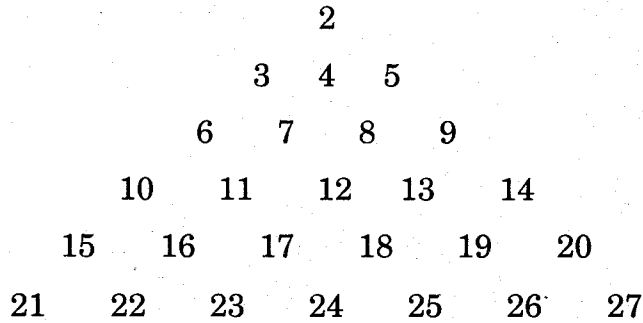
(2) Saturday

(3) Thursday

(4) Tuesday

Space for Rough Work

Q. 49. and 50. → *Instructions* :— Observe the following number pyramid and answer the questions.



(e.g. If 236 : 101521 then 259 : 142027)

49. If 151623 : 201925, then 6712 : ?

- | | |
|----------|----------|
| (1) 9812 | (2) 9813 |
| (3) 8711 | (4) 8913 |

50. If 1011 : 1623, then 1413 : ?

- | | |
|----------|----------|
| (1) 1824 | (2) 1927 |
| (3) 1825 | (4) 1925 |

Space for Rough Work