

GLOBAL TALENT SEARCH EXAMINATION

MATHEMATICS

Class : II

Max Marks : 80

Time : 9:00 to 10:30 a.m.

Instructions to Candidates :

01. This question paper has 40 objective questions. In addition to this question paper, you are also given an answer-sheet.
02. Read the instructions carefully for each section before attempting it.
03. For each correct answer **2 marks** will be awarded and there is no negative marking.
04. On the answer-sheet, fill up all the entries carefully in the space provided, **ONLY IN BLOCK CAPITAL LETTERS.**
05. Incomplete / incorrect / carelessly filled information may disqualify your candidature.
06. On the answer-sheet, use **PENCIL / BLUE or BLACK BALL PEN.**
07. No extra sheet will be provided for rough-work. Use the space available in the paper for your rough- work.
08. Use of calculator is not permitted.
09. No student is permitted to leave the examination hall before time is complete.
10. Use of unfair means shall invite cancellation of the test.

Roll No.

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Centre No.

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Male / Female _____

Name of the candidate : (In English only, as you would like it to be printed on the certificate).

Signature of the
invigilator

Signature of
the candidate

AMITY INSTITUTE FOR COMPETITIVE EXAMINATIONS

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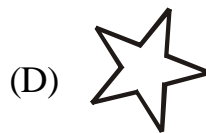
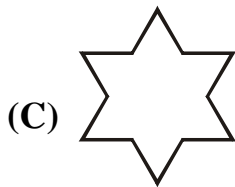
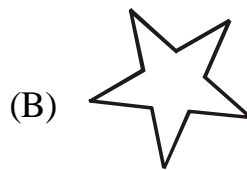
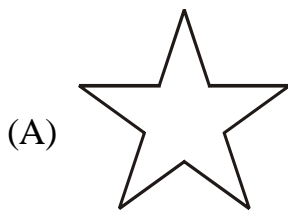
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Each question has four alternatives marked (A), (B), (C) and (D), but only one of these alternatives is the correct answer.

1. Three of the following figures are similar but the fourth one is different. Find the figure which is not similar.



All the numbers in each of the following questions follow some rule or order. Four alternatives (numbers) are given below each question. Find the one alternative (number) which should replace the sign ..?.. such that the same rule or order is maintained in the question.

2. 14, 20, 26, 32, 38, ..?..

(A) 42

(B) 44

(C) 46

(D) 48

Rough Work

3. 94, 85, 76, 67, ..?..

(A) 59

(B) 58

(C) 57

(D) 56

4. 3, 7, 11, 15, 19, ..?..

(A) 23

(B) 25

(C) 21

(D) 27

5. 76, 68, 60, 52, 44, ..?..

(A) 40

(B) 38

(C) 36

(D) 32

6. If thirty six is subtracted from the sum of sixty four and twenty seven, the result is

(A) 35

(B) 45

(C) 55

(D) 65

7. Rajat purchased a pencil for Rs. 4, a pen for Rs. 28 and a book for Rs. 35. How much total money did he spend ?

(A) Rs. 68

(B) Rs. 67

(C) Rs. 58

(D) Rs. 57

In the following questions, alphabets have been written in some order. Try to understand the order of alphabets in each question. Four alternatives are given below each question. Find the correct alternative such that when this alternative replaces the sign ..?.., the same order of alphabets is maintained.

8. Z, X, V, T, R, ..?..

- (A) S (B) P
(C) O (D) N

9. A, D, G, J, M ..?..

- (A) R (B) Q
(C) P (D) O

10. AC, EG, IK, MO, QS, ..?..

- (A) UW (B) UX
(C) VW (D) TV

11. BCD, FGH, JKL, NOP, RST, ..?..

- (A) UVW (B) WXY
(C) VUX (D) VWX

Complete the Calendar for the month of October, 2008 and answer the following question.

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1				
			Dussehra			12
	Deepawali					

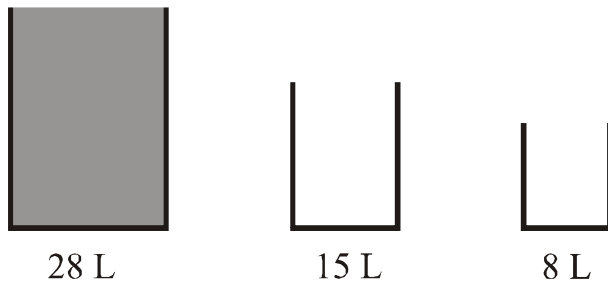
12. On which day of the month, was Deepawali celebrated this year (i.e., in the year 2008) ?

- (A) October 30 (B) October 29
 (C) October 28 (D) October 27

13. Find the difference between the largest number of two digits and the smallest number of two digits.

- (A) 98 (B) 89
 (C) 88 (D) 85

14. A can of capacity 28 litres (litre is also written as L) is completely filled with milk. How much milk will be still left in this can after filling the other two smaller empty cans as shown below with their capacities ?



- (A) 3 L (B) 4 L
 (C) 5 L (D) 6 L

Rough Work

15. Which one of the following relations is not correct ?

- (A) $6 + 35 = 13 + 28$ (B) $43 + 19 = 37 + 25$
(C) $23 + 29 = 27 + 35$ (D) $40 + 25 = 17 + 48$

Each alphabet is allotted a number in order such that A = 1, B = 2, C = 3 and so on. Now answer the following two questions

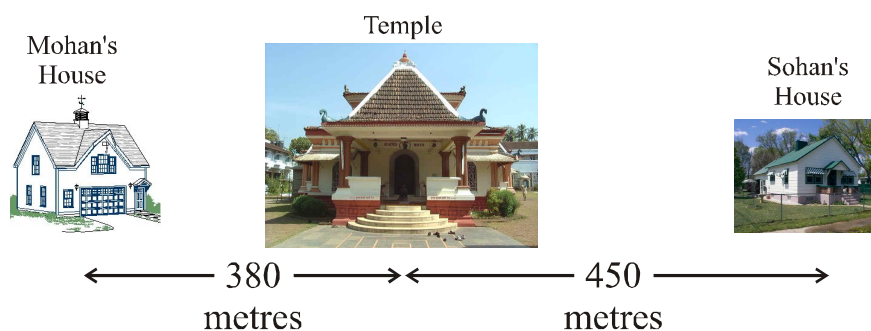
16. The number allotted to T is

- (A) 22 (B) 21
(C) 20 (D) 19

17. Total sum of numbers allotted to the alphabets in IT is

- (A) 29 (B) 28
(C) 30 (D) 27

18. Mohan's house, Sohan's house and the temple are along the same side of a road as shown below :



How far is Mohan's house from Sohan's house ?

- (A) 930 metres (B) 830 metres
(C) 820 metres (D) 730 metres

Rough Work

19. When 85 is subtracted from the smallest number of three digits, the result is

- (A) 25 (B) 16
(C) 15 (D) 14

20. Total height of the person is

- (A) 155 cm
(B) 160 cm
(C) 163 cm
(D) 165 cm



In the following questions, fill in the blanks with correct numbers (from one of the four numbers given below each question)

21. $37 + 28 + 19 = \dots$

- (A) 86 (B) 84
(C) 76 (D) 74

22. $83 - 37 - 14 = \dots$

- (A) 32 (B) 33
(C) 42 (D) 43

23. $63 + 27 = 35 + \dots$

- (A) 35 (B) 45
(C) 55 (D) 53

Rough Work

24. $53 - 27 = 16 + \dots$

(A) 7

(B) 8

(C) 9

(D) 10

25. $\begin{array}{cccc} \star & \star & \star & \star \\ \star & \star & \star & \star \\ \star & \star & \star & \star \end{array} + \dots + \begin{array}{cc} \star & \star \\ \star & \star \end{array} + \begin{array}{c} \star \\ \star \end{array}$

$\begin{array}{cccc} \star & \star & \star & \star \\ \star & \star & \star & \star \\ \star & \star & \star & \star \end{array} + \dots + \begin{array}{cc} \star & \star \\ \star & \star \end{array} + \begin{array}{c} \star \\ \star \end{array}$

$\begin{array}{cccc} \star & \star & \star & \star \\ \star & \star & \star & \star \\ \star & \star & \star & \star \end{array} + \dots + \begin{array}{cc} \star & \star \\ \star & \star \end{array} + \begin{array}{c} \star \\ \star \end{array}$

Sudhir added all the stars shown above, including stars given by the sign \dots . The sum of all the stars is

(A) 30

(B) 24

(C) 28

(D) 32

26. Month of December, 2008 will start with Monday. This means December 1, 2008 will be Monday. Month of January 2009 will start with

(A) Friday

(B) Thursday

(C) Wednesday

(D) Tuesday

27. How many times the digit 1 is written, when you write all the numbers from 1 to 30 ?

(A) 14

(B) 13

(C) 12

(D) 11

28. Chhuk - Chhuk is the sound connected with

- (A) Bus (B) Car
(C) Tonga (D) Train

29. A student gave a 100-rupee note to the shopkeeper. The shopkeeper gave the student Fairy Tale book and 33 rupees. Find the cost of Fairy Tale book.



- (A) Rs. 83 (B) Rs. 67
(C) Rs. 73 (D) Rs. 77

30. Find the sum of all the numbers from 1 to 10.

$$(1 + 2 + 3 + 4 + \dots + 10 = ?)$$

- (A) 54 (B) 55
(C) 56 (D) 57

Rough Work

31. Average weight of a student studying in class II is nearly

- (A) 12 kg (B) 20 kg
(C) 30 kg (D) 35 kg

In the following questions, all the numbers are related in some way except one. Find the number which is different from the others and tick mark (✓) it.

32. 63, 72, 80, 90, 99, 108

- (A) 63 (B) 72
(C) 80 (D) 90

33. 7, 14, 21, 28, 36, 42, 49

- (A) 49 (B) 42
(C) 36 (D) 28

34. 80, 74, 68, 60, 56, 50, 44

- (A) 60 (B) 68
(C) 74 (D) 56

35. 5, 7, 9, 11, 12, 15

- (A) 15 (B) 12
(C) 11 (D) 7

Rough Work

36. It was Tirath's birthday. The class teacher wrote on the blackboard HAPPY BIRTHDAY TO TIRATH. She allotted digits to the letters in BIRTHDAY as shown under:

B I R T H D A Y
1 2 3 4 5 6 7 8

She asked Tirath if the sum of the digits of BIRTHDAY is 36, then what is the sum of the digits in his name ?

- (A) 27 (B) 26
- (C) 25 (D) 24
37. Length of an object or height of a building is measured in metres. The volume of a liquid or milk is measured in
- (A) kilograms (B) metres
- (C) litres (D) bottles
38. There are four directions : North, East, West and South. The sun rises in the East and sets in the West. If you are facing the setting sun, with stretched hands, then North will be
- (A) in the direction of your head
- (B) in the direction of your back
- (C) in the direction of your left hand
- (D) in the direction of your right hand

Rough Work

39. A solid cube has

- (A) six faces (B) four faces
(C) eight faces (D) twelve faces

40. If $36 * 4$ gives the result as 9, then which one of the following mathematical signs should be used for the symbol $*$?

- (A) + (B) -
(C) \div (D) \times

ANSWERS CLASS II MATHS

1	C	2	B	3	B	4	A	5	C
6	C	7	B	8	B	9	C	10	A
11	D	12	C	13	B	14	C	15	C
16	C	17	A	18	B	19	C	20	D
21	B	22	A	23	C	24	D	25	A
26	B	27	B	28	D	29	B	30	B
31	B	32	C	33	C	34	A	35	B
36	C	37	C	38	D	39	A	40	C