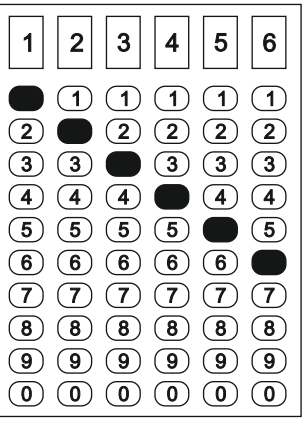
DEEKSHA SCHOLARSHIP APTITUDE TEST

Duration : 1½ Hrs. **Max. Marks : 160**

Class VI

SAMPLE PAPER

Correct way of Bubbling your Roll No. on the OMR Answer Sheet. (Example. Roll No. : 123456)



Name of the Candidate	Roll Number

I have read all instructions and shall abide by them.

.....

Signature of the Candidate

I have verified all the information filled by the candidate

.....

Signature of the Invigilator

IMPORTANT INSTRUCTIONS

A. General :

01. This booklet is your Question Paper. Do not open the booklet before being instructed to do so by the invigilator.
02. The question paper **TEST CODE** is printed on the right hand top corner of this booklet.
03. Blank papers, clipboards, log tables, slide rules, calculators, cameras, cellular phones, pagers and electronic gadgets of any kind are NOT allowed inside the examination hall.
04. Blank spaces and blank pages are provided in the question paper for your rough work. No additional sheets will be provided for rough work. The candidates are not allowed to do any rough work or writing work on the OMR Answer Sheet.
05. The OMR Answer Sheet will be checked through **computer,** hence the answer of the question must be marked by shading the circles against the question by dark **HB pencil/blue/black ball point pen.**
06. DO NOT FOLD OR MAKE ANY STRAY MARKS ON THE OMR Answer Sheet.
07. On breaking the seal of the booklet check that it contains all the **50 questions** and corresponding answer choices are legible.

B. Fill the all required information as given in OMR Answer Sheet :

08. Write your **Name, Roll No., Test code and sign** with pen in the boxes provided on the sheet of OMR. Do not write any of them anywhere else. Darken the appropriate bubble UNDER each digit of your Roll Number (see example in Figure above).

C. Question Paper Format And Marking Scheme :

The question paper consists of three parts (Science, Maths and Mental ability).
Each question has 4 choices (A), (B), (C) and (D) for its answer, out of which **ONLY ONE** is correct.
For each question you will be awarded + 4 (four) marks if you have darken only one bubble corresponding to the right answer.
In case you have not darkened any bubble or you have darkened multiple bubbles you will be awarded 0 (zero) mark for that.
There is **No Negative Marking** for incorrect answer.

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"SCIENCE"

01. Which part of a mustard plant is edible?

(A) Seeds and flowers

(B) Leaves and flowers

(C) Seeds and leaves

(D) Stem and roots

02. Honey bees are often seen sitting on flowers. Why do they do so?

(A) They like flowers

(B) They lay eggs on flowers

(C) They suck nectar from flowers

(D) All of these

03. Which one is the best for health?

(A) Boiled seeds (B) Roasted seeds

(C) Wet swollen seeds (D) Sprouted seeds

04. 15 cm are equal to

(A) 150 mm (B) 15 mm

(C) 1.5 mm (D) 0.15 mm

05. An example of rectilinear motion is

(A) apple falling from a tree

(B) motion of a car on road

(C) a spinning top

(D) both (A) and (B)

06. One metre is equal to …….. millimetre.

(A) 10 (B) 1000

(C) 100 (D) 10000

07. Cell is a device which

(A) converts chemical energy into electrical energy

(B) electrical energy into light energy

(C) electrical energy into magnetic energy

(D) None of these

08. Bulb glows only in

(A) closed circuit

(B) open circuit

(C) in both circuits

(D) open circuit if bulb is not fused

09. An example of a conductor is

(A) tap water (B) salt solution

(C) metal wire (D) all of these

10. The clothes are made up of thinner and thinner strands called

(A) yam (B) thread

(C) fibre (D) fabric

11. Single yarn is used to make

(A) trousers (B) shirt

(C) sweater (D) kurta

12. Jute fibres are obtained from

(A) stem of jute plants

(B) seeds of jute plants

(C) fruit ofjute plants

(D) none of these

13. Which is an example of a shrub?

(A) Spinach (B) Mango tree

(C) Tomato plant (D) Lemon

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14. parallel venation is not found in

(A) sugarcane (B) peepal

(C) maize (D) wheat

15. The process of loss of water by a plant through leaves is called

(A) evaporation (B) condensation

(C) photosynthesis (D) transpiration

"MATHEMATICS"

16. Which of the following Roman symbol is never repeated :

(A) I (B) X

(C) V (D) C

17. How many whole numbers are not natural numbers :

(A) 1 (B) 2

(C) 3 (D) None of these

18. The prime factorization of 48 is :

(A) 2 × 2 × 2 × 2 × 3 (B) 2× 4 × 3

(C) 3 × 3 × 3 × 2 × 2 (D) 8 × 3 × 3

19. Aakash bought vegetables weighting 10 kg. Out of this, 3 kg 500 g is onions, 2 kg 75g is tomotes and rest is potatoes. Then, weight of potatoes is :

(A) 4 kg 500g (B) 4 kg 425g

(C) 4 kg 225 g (D) 4 kg 725 g

20. Cost of a dozen pens is Rs. 240 and the cost of 7 balls is Rs. 91. Then the ratio of cost of a pen to the cost of a ball is :

(A) 18 : 7 (B) 12 : 7

(C) 20 : 11 (D) 20 : 13

21. In a school of 750 students, 225 are girls. Then, the ratio of boys to girls is :

(A) 7 : 3 (B) 3 : 7

(C) 3 : 10 (D) 7 : 10

22. The value of x, if 3, 18, x, 42 are is proportion is :

(A) 1 (B) 6

(C) 54 (D) 7

23. $\frac{6}{10}$ -------- $\frac{4}{5}$

(A) < (B) >

(C) = (D) None of these

24. 1 crore = ... lakh.

(A) 100 (B) 10

(C) 1 (D) 1000

25. 4129 × ---------- = 0

(A) 1 (B) 2

(C) 0 (D) 3

26. Raju buys 50 chairs and 50 tables. If a chair cost Rs. 300 and a table cost Rs. 700, then the total amount he spent is :

(A) 7000 (B) 15000

(C) 35000 (D) 50000

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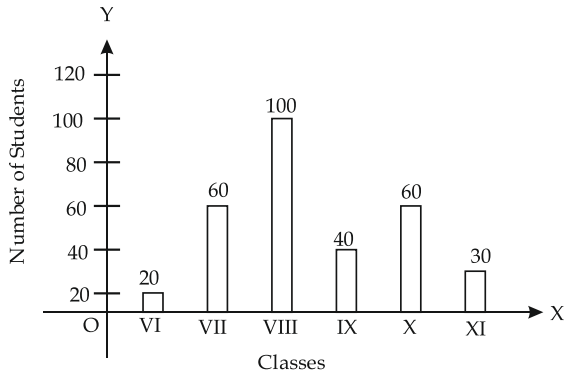
Passage For (Question No. 27 to 28) :

The following graph shows the number of students in each class of a school study the graph and answer the questions that follow :



27. Which class has maximum number of students :

(A) VI (B) VII

(C) VIII (D) X

28. How many students are there in class VII and IX together :

(A) 60 (B) 100

(C) 120 (D) 140

Passage For (Question No. 29 to 30) :

The pichograph shows the number of people who like different kinds of juices. Where 1Δ = 10 persons.

Juices	Number of People
Orange	Δ Δ Δ Δ Δ Δ Δ Δ
Grape	Δ Δ Δ Δ
Apple	Δ Δ Δ Δ Δ Δ
Mixed Fruit	Δ Δ Δ Δ

29. Which juice in liked by 60 people?

(A) Orange (B) Grape

(C) Apple (D) Mixed fruit

30. How many people like orange juice :

(A) 80 (B) 30

(C) 60 (D) 40

"MENTAL ABILITY"

31. Find the missing number is the series :

1, 2, 4, 8, ?, 32, 64

(A) 10 (B) 16

(C) 20 (D) 24

32. How many rectangles can you find in the figure :

(A) 9 (B) 10

(C) 11 (D) 12

33. In a code language if SUGAR is coded as PKLTN and TEA is coded as QGT, how would you code GREAT in the same code language ?

(A) ENGTP (B) LNGTK

(C) LNGTQ (D) LNGQT

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34. The number in each question below is to be codified in the following code :

Digit	7	2	1	5	3	9	8	6	4
Letter	W	L	M	S	I	N	D	J	B

64928 :

(A) JBNLD (B) JBLND

(C) BJNLD (D) DBNLS

35. In a certain code language, '134' means 'good and tasty'; '478' means 'see good pictures' and '729' means 'pictures are faint'. Which of the following digits stands for 'see'?

(A) 9 (B) 2

(C) 1 (D) 8

36. 'Current' is related to 'Ampere' in the same way as 'Weight' is related to :

(A) Scale (B) Pound

(C) Commodity (D) Measurement

37. Three of the following four are alike in a certain way and so form a group. Which one does not belong to that group?

(A) Ears (B) Hands

(C) Fingers (D) Eyes

38. Choose the numeral pair/group which is different from others.

(A) 42 - 4 (B) 36 - 6

(C) 32 - 2 (D) 15 - 5

39. Y, W, U, S, Q, ?, ?

(A) N, J (B) M, L

(C) J, R (D) O, M

40. 12 □ 4 □ 3 □ 9 = 0

(A) +, ×, – (B) ÷, +, ×

(C) ×, ×, + (D) ÷, ×, –

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