



DEEKSHA SCHOLARSHIP APTITUDE TEST

Duration : 1½ Hrs.

Max. Marks : 160

Class VII

SAMPLE PAPER

Correct way of Bubbling your Roll No. on the OMR Answer Sheet. (Example. Roll No. : 123456)	1	2	3	4	5	6		Roll Number
	● (1) (1) (1) (1) (1) (1)							Name of the Candidate
	(2) ● (2) (2) (2) (2) (2)							I have read all instructions and shall abide by them.
	(3) (3) ● (3) (3) (3) (3)							I have verified all the information filled by the candidate
	(4) (4) (4) ● (4) (4) (4)						
	(5) (5) (5) (5) ● (5) (5)							Signature of the Candidate
	(6) (6) (6) (6) (6) ● (6)						
	(7) (7) (7) (7) (7) (7) (7)							Signature of the Invigilator
	(8) (8) (8) (8) (8) (8) (8)							
	(9) (9) (9) (9) (9) (9) (9)							
(0) (0) (0) (0) (0) (0) (0)								

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 darkened 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. Bile is produced in
(A) Gall bladder (B) Blood
(C) Liver (D) Spleen
02. The false feet of Amoeba are used for:
(A) movement only
(B) capture of food only
(C) capture of food and movement
(D) exchange of gases only
03. The finger-like outgrowths of Amoeba helps to ingest food. However, the finger-like outgrowths of human intestine helps to:
(A) digest the fatty food substances
(B) make the food soluble
(C) absorb the digested food
(D) absorb the undigested food
04. The main function of the lacteals of intestine is the absorption of
(A) amino acids
(B) glucose and vitamins
(C) lactic acid
(D) fatty acids and glycerol
05. Products of a neutralisation reaction are always :
(A) an acid and a base (B) an acid and a salt
(C) an acid and a base (D) a salt and a base
06. Which of the following set of substances contain acids?
(A) Grapes, lime water
(B) Vinegar, soap
(C) Curd, milk of magnesia
(D) Curd, vinegar
07. Which of the following is an acid-base indicator?
(A) Vinegar (B) Lime water
(C) Turmeric (D) Baking soda
08. Many salts absorb water from the atmosphere. This property is called :
(A) Hydration (B) Dehydration
(C) Deliquescence (D) None of these
09. Which among the following is a physical change?
(A) Cutting a log of wood in small pieces
(B) Burning of wood
(C) Ripening of fruit
(D) Cooking of food
10. Which is a method to prevent rust?
(A) Crystallization (B) Sedimentation
(C) Galvanisation (D) None of these
11. What will happen if carbon dioxide gas is passed through lime water ?
(A) Calcium carbonate is formed
(B) The lime water turns milky
(C) Both of these
(D) None of these
12. Which property stays the same during physical and chemical changes?
(A) Density
(B) Shape
(C) Mass
(D) Arrangement of particles

SPACE FOR ROUGH WORK

13. Water that is not fit for use is called :
 (A) clean water (B) wastewater (C) 1/13 (D) 2/13
 (A) clean water (B) wastewater (C) 1/13 (D) 2/13
 (C) both (A) and (B) (D) none of these
14. Wastewater released by homes, factories, industries and other users is known as
 (A) polluted water (B) sewage (C) both (A) and (B) (D) none of these
15. Which of the following is a step of wastewater treatment?
 (A) Aeration (B) Chlorination (C) Filtration (D) All of these
20. Sameera purchased 3 litres 750 ml of milk and 2 litres 500 ml of curd. Then, the total quantity of milk products she purchased is :
 (A) 5 litres 200 ml (B) 5 litres 750 ml (C) 6 litres 500 ml (D) 6 litres 250 ml
21. If $-7 + 7(x - 3) = 0$, then x is :
 (A) 3 (B) 2 (C) 4 (D) 1
22. The expanded form of 2.357×10^4 is :
 (A) 2357 (B) 23570 (C) 235.7 (D) 0.2357

"MATHEMATICS"

16. The ratio of 30 minutes to 1 hour is :

(A) $\frac{1}{3}$

(B) $\frac{1}{2}$

(C) $\frac{1}{4}$

(D) $\frac{2}{3}$

17. The algebraic equation for the statement "Subtract the product of 2 and x from 7" is :

(A) $7 - 2x$

(B) $2x - 7$

(C) $7x - 2$

(D) $2 - 7x$

18. If the product of 5 and x is 20, then x is :

(A) 2

(B) 4

(C) 6

(D) 8

19. Rohan covered $\frac{3}{5}$ of his journey by cycle, $\frac{1}{3}$ by train and rest by car. Then, the fraction of his journey covered by car is :

23. $(-1)^{13} =$

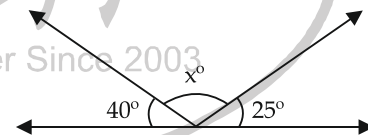
(A) -1

(B) 1

(C) 0

(D) None of these

24. The value of x in the following figure is :



(A) 100°

(B) 105°

(C) 110°

(D) 115°

25. $2^3 \text{ ---- } 3^2 :$

(A) $<$

(B) $>$

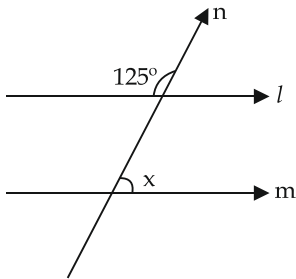
(C) $=$

(D) None of these

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26. If $l \parallel m$, then value of 'x' is :

"MENTAL ABILITY"



- (A) 45°
- (B) 55°
- (C) 65°
- (D) 75°

27. $\frac{y^2 \times y^3 \times z^3 \times z^4}{y^5 \times z^2} =$

- (A) yz^3
- (B) y^2z^4
- (C) y^5
- (D) z^5

28. $(-3)^4 \times \left(\frac{5}{3}\right)^4 =$

- (A) 5
- (B) 125
- (C) 625
- (D) 81

29. If length of one side of a pentagon is 14.7 cm, then its perimeter is :

- (A) 73.5 cm
- (B) 70.5 cm
- (C) 588 cm
- (D) 88.2 cm

30. $(-72) \div [(-36) \div (-2)] =$

- (A) -4
- (B) 4
- (C) -1
- (D) 1

31. What should come next in the following number sequence?

2, 6, 18, 54, ?

- (A) 152
- (B) 162
- (C) 172
- (D) 182

32. What should come next in the following letter sequence?

A BB C DDD E FFF

- (A) F
- (B) G
- (C) E
- (D) H

33. Which of the following word cannot be derived from word FRIENDSHIP :

- (A) FRUIT
- (B) SHIP
- (C) FRESH
- (D) DRIP

34. Choose the number which is different from other in the group :

- (A) 21
- (B) 36
- (C) 49
- (D) 25

35. If TEARS is coded as VWXYZ, then how would you code BEAS in that language ?

- (A) YWXZ
- (B) VWXZ
- (C) MWXZ
- (D) WVZY

36. If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH ?

- (A) 246173
- (B) 214673
- (C) 214763
- (D) 216473

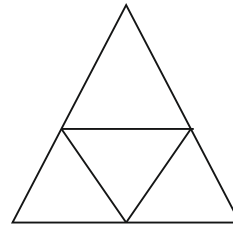
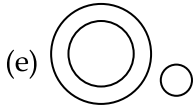
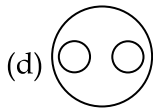
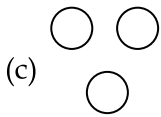
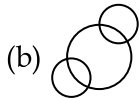
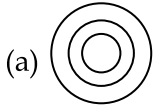
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37. If ELCSUM is the code for MUSCLE, which word has the code LATIPAC ?
(A) CONFESS (B) CONDUCE
(C) CAPITAL (D) CAPRICE

39. CE, GI, KM, OQ, ?
(A) TW (B) TV
(C) SU (D) RT

38. Given below contains three groups of things. You have to choose from the following five numbered diagrams, the diagram that depicts the correct relationship among the three groups of things in each question.

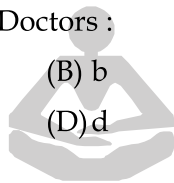
40. How many triangles can you find in the figure?



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

Lawyers, Women, Doctors :

(A) a
(C) c



(B) b
(D) d

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