MICAT Session 2 2024 Question Paper

Time Allowed :3 Hours	**Maximum Marks :**100	**Total questions :**60

General Instructions

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i) All questions are compulsory. Marks allotted to each question are indicated in the margin.

ii) Answers must be precise and to the point.

iii) In numerical questions, all steps of calculation should be shown clearly.

iv) Use of non-programmable scientific calculators is permitted.

v) Wherever necessary, write balanced chemical equations with proper symbols and units.

vi) Rough work should be done only in the space provided in the question paper.

Q1. Who is the CEO of the following companies?

(1) Adobe

(2) Chanel

(3) Palo Alto

(4) Cadence Design

Q2. What are channels of India Today?

Q3. What is "Operation Ganga" for?

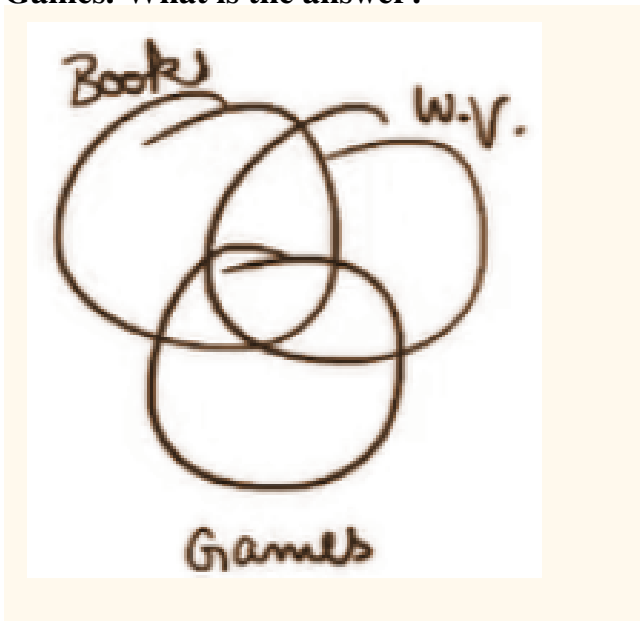**Q4. Who is the Brand Ambassador of the following brands?**

(1) Moms and Co

(2) St. Botanica

(3) Gizmore

(4) Onitsuka Tiger
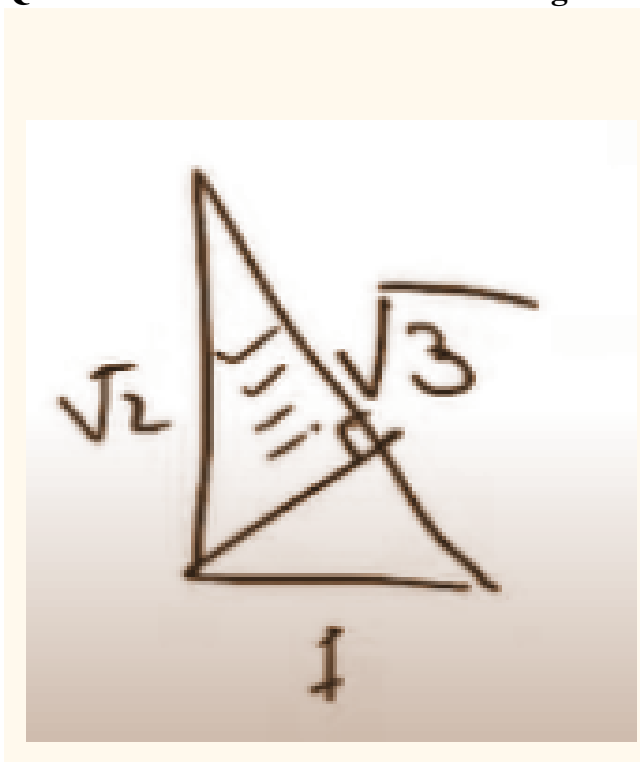

Q5. What is the Tagline of the following companies?

(1) TESCO

(2) GE

(3) Apple

(4) SBI Life Insurance
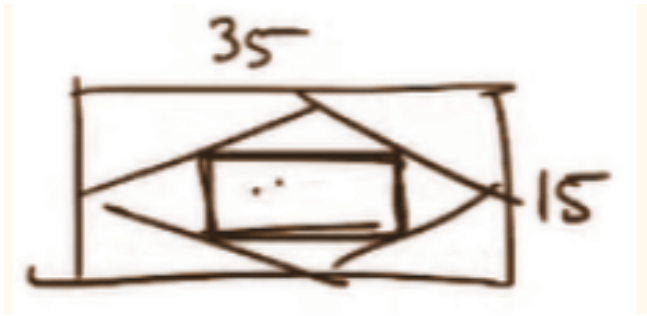

Q6. IPL broadcasting rights are with which company?

Q7. The image shows a Venn diagram with three circles labeled Books, W.V., and Games. What is the answer?

Books

W.V.

Games

Q8. Find the area of the shaded triangle.

$\sqrt{2}$

$\sqrt{3}$

1

Q9. Find the perimeter of the rectangle embedded at the center.

Q10. What are the geometric means of x and y?

B, C $\rightarrow x \cdot y$

A $\rightarrow \sqrt{xy}$

Q11. If the 10th term is 32 and the 20th term is 1024, find the sum of squares of the first

$$t_1^2 + t_2^2 + t_3^2 + \cdots + t_e^2.$$

Q12. Z I Z : W E U : : U H L : ?