

MICAT Session 1 Question Paper 2024

(December 2, 2023)

Ques 1. Who acquired this company:-

- a. Capco
- b. Flipkart
- c. Blinkit
- d. Blizzard

Ans.

- a. Wipro
- b. Walmart
- c. Zomato
- d. Microsoft

Ques 2. Taglines of the brand:-

- a. Mercedes
- b. Porsche
- c. Ford
- d. Audi

Ans.

- a. The best or nothing
- b. There Is No Substitute
- c. Built Ford Tough
- d. Vorsprung durch Technik

Ques 3. The list of events held in which country:-

- a. G7 2023
- b. Olympics 2024

Ans.

- a. Japan
- b. Paris

Ques 4. Who are the brand ambassadors of the following brands:-

- a. Rolex
- b. Frank Muller
- c. Aqualens
- d. TAG Heuer

Ans.

- a. Federer
- b. Ranveer Singh
- c. Kiara Advani
- d. Ryan Gosling

Ques 5. What are the parent company of the list of companies:-

- a. Google
- b. Ultratech
- c. Technico
- d. India Hotel

Ans.

- a. Alphabet
- b. ABG
- c. ITC
- d. Tata

Ques 6. There are 4 tickets and all these tickets have 14 factors , find the minimum sum of these 4 tickets.

Ans. 1164

Ques 7. There is a tank which has some capacity, 9 liter is taken out and replaced with water 2 times. Now milk:water = 16:9 ,find the capacity of the tank.

Ans. 45 liters

Ques 8. The difference between Length and breadth is 2, total land area is 5.04 lakh at the rate of 3000 /m². Find the largest perimeter .

Ans. 52

Ques 9. $\sin x = \cos^2 x$, find the value of $\cos x / \sin^2 x$.

Ans. $\{(\sqrt{5}+1)/2\}^{3/2}$

Ques 10. There are 3 digits number which are distinct digits 1 to 9. A person draws 2 cards with replacement. If you get a number which is multiple of 3, then you will win the prize. What is the probability that you don't win any prize

Ans. 22/27

Ques 11. Find the 100th term of the series 45, 112, 225, 396, 637....(it is a cubic series).

Ans. 983,025

Ques 12. Given $a + b + c = 0$ & $a \neq c$. And $ax^2 + bx + c = 0$. What will be the nature of the roots

- A. Rational**
- B. Equal**
- C. One root is 1**

Ans. A,C

Ques 13. There are 2 people R & P , their speed is in the ratio 3:4, R has a head start of 10 m, Who lost & by what distance.

Ans. R, 15m

Ques 14. DITCH → xsgwr , RECOUNT→ tmglivn, similarly code of BREAKDOWN is?

Ans. AQDZJCNVM

Ques 15. Find the odd one out 9,9, 65, 25, 215, 49, 513, 81,1001

Ans. 215

Ques 16. Find the next term 2B25, 3C24, 5E22,..... 13M14, ?.

Ans. 17Q10



MICAT Session 2 Question Paper 2024

(January 27, 2024)

Ques 1. Who is the CEO of:-

- a. Adobe
- b. Chanel
- c. Palo Alto
- d. Cadence Design

Ans.

- a. Shantanu Narayen
- b. Leena Nair
- c. NIKESH Arora
- d. Aniruddha Devgan

Ques 2. What are channels of India Today?

Ans. Aaj Tak, Good News Today

Ques 3. What is “Operation Ganga” for?

Ans. For Ukraine rescue operation.

Ques 4. Who is the Brand Ambassador of:-

- a. Moms and Co
- b. St. Botanica
- c. Gizmore
- d. Onitsuka Tiger

Ans.

- a. Sonam Kapoor
- b. Kareena Kapoor

- c. Dinesh Kartik
- d. Rashmika Mandhana

Ques 5. What is the Tagline of:-

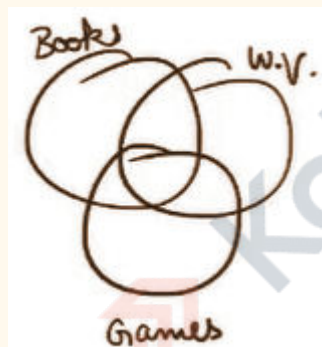
- a. TESCO
- b. GE
- c. Apple
- d. SBI Life Insurance

Ans.

- a. Every Little Helps
- b. We Bring Good Things to Life
- c. Think Different
- d. With Us, You are Sure

Ques 6. IPL broadcasting rights are with which company?

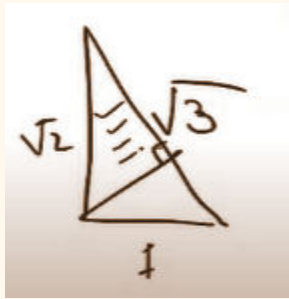
Ans. Jio & Disney



Ques 7.

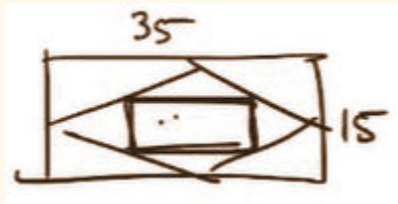
Ans. 10%

Ques 8. Find the area of the shaded triangle



Ans. $\sqrt{2/3}$

Ques 9. Find the perimeter of the rectangle embedded at the centre



Ans. 50

Ques 10. What are the geometric mean of x & y

$$B, C \rightarrow x, y$$

$$A \rightarrow \sqrt{xy}$$

$$\sqrt{m^2 - \frac{d^2}{4}}$$

Ans.

Ques 11. If 10th term is 32 and 20th term is 1024. Find

$$t_1^2 + t_2^2 + t_3^2 + \dots + t_n^2$$

Ans. 510

Ques 12. Z I Z : W E U : : U H L : ?

Ans. S G D

