

MITID DAT (Design Aptitude Test)

BDes- 02nd April 2023

PART A

Section A: Objective Questions

Q1. Who designed the city of Gandhinagar?

- a) Walter Gropius
 - b) Frank Lloyd Wright
 - c) H.K. Mewada
 - d) Le Corbusier
-

Q2. What is the Pantone Colour of the Year 2023?

- a) Very Peri
 - b) Viva Magenta
 - c) Classic Blue
 - d) Living Coral
-

Q3. Pithora Paintings belong to which state of India?

- a) Rajasthan
 - b) West Bengal
 - c) Gujarat
 - d) Madhya Pradesh
-

Q4. Given image is a reference from which Indian Classical Dance form?

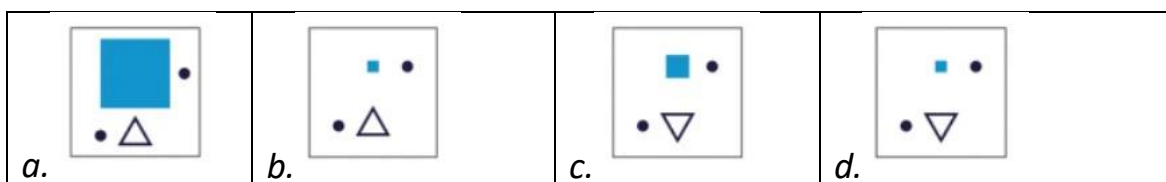


- a) Mohiniyattam
- b) Kuchipudi
- c) Bharatanatyam
- d) Kathakali

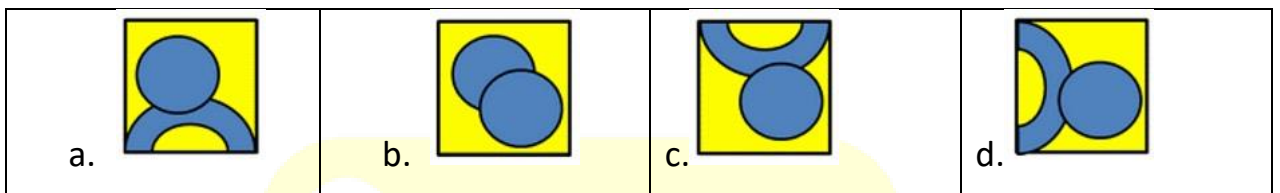
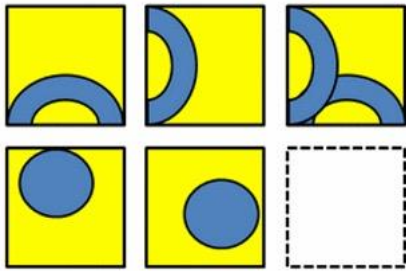
Q5. Beer is associated with which European festival?

- a) Oktoberfest
- b) Cannstatter Volksfest
- c) Hanukkah
- d) Berlinale Palast

Q6. What replaces the question mark?



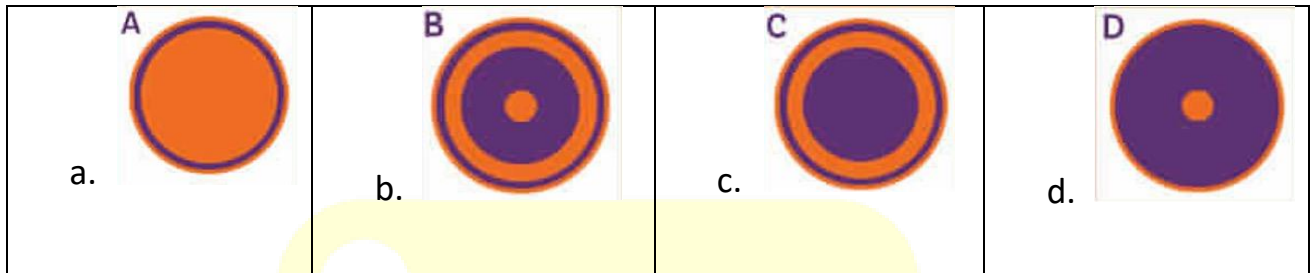
Q7. What is the next logical image in the sequence?



Q8. Which glass will get filled first? (*Image-based: ImageQ8.jpg*)

- a) 1
- b) 2
- c) 3
- d) 7

Q9. Which of the following image represents the top view of this object?



Q10. A man walks 5 km toward south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?

- a) West
- b) South
- c) South East
- d) South West

Q11. The shadow of a tower is 30 m when sun's altitude is 30° . When the sun's altitude is 60° , then the length of the shadow will be?

- a) 60 m
- b) 15 m
- c) 10 m
- d) 5 m

Q12. The largest triangle inscribed in a semi-circle of radius r , then the area of that triangle is:

- a) r^2
 - b) $\frac{1}{2} r^2$
 - c) $2r^2$
 - d) $\sqrt{2} r^2$
-

Q13. A beam of light incident on a plane mirror forms a real image on reflection. The incident beam is:

- a) Parallel
 - b) Convergent
 - c) Divergent
 - d) Not certain
-

Q14. One of the following processes does not involve a chemical reaction, that is:

- a) Melting of candle wax when heated
 - b) Burning of candle wax when heated
 - c) Digestion of food in your stomach
 - d) Ripening of banana
-

Q15. Given below is an image of a soldier, what kind of an apparatus is he using for enabling him to see in the dark?



- a) Radioactive dark vision goggles
- b) Ultraviolet night vision goggles
- c) Microwave detection goggles
- d) Infrared wave night vision goggles

Q16. Anatomy is a branch of Science which deals with:

- a) Structure of animals and plants
- b) Functioning of body organs
- c) Animal behaviour
- d) Cells and tissues

Q17. Given below are two statements:

Statement 1: Increasingly, photovoltaic cells are being used to supplement electrical energy to the power grid.

Statement 2: One issue with grid-connected photovoltaics is that they produce Alternating Current (AC) whereas power grid uses Direct Current (DC).

Choose the correct answer:

- a) Both statements are correct
 - b) Both statements are incorrect
 - c) Statement 1 is correct, but Statement 2 is incorrect
 - d) Statement 1 is incorrect, but Statement 2 is correct
-

Q18. Use the correct form of the verb:

The University (i)_____ online during the first wave of Covid 19 because there (ii)_____ a number of cases reported in the area.

- a) (i) goes (ii) are
- b) (i) would go (ii) is
- c) (i) went (ii) had been
- d) (i) will go (ii) have been

Q19. Which option displays the correct change of the following sentence to reported speech?

“The Art Director said, ‘Kudos! We have won the project!’”

- a) The Art Director exclaimed with joy that they have won the project.
- b) The Art Director exclaimed with praise that they had won the project.
- c) The Art Director exclaimed that they won the project.
- d) The Art Director exclaimed with curses that they had won the project.

Section B: Comprehension & Design Awareness

One day, I hopped in a taxi and we took off for the airport. We were driving in the right lane when suddenly a car jumped out of a parking space right in front of us. My taxi driver slammed on his brakes, skidded and missed the other car by just inches! The driver of the other car whipped his head around and started yelling at us. My taxi driver just smiled and waved at the guy. And I mean he was really friendly.

So I asked, ‘Why did you just do that? This guy almost ruined your car and sent us to the hospital!’

This is when my taxi driver taught me what I now call the ‘The law of the Garbage Truck’.

He explained that many people are like garbage trucks. They run around full of garbage, full of anger, and full of disappointment. As their garbage piles up, they need a place to dump it and sometimes they’ll dump it on you. Don’t take it personally. Just smile,

wave, wish them well, and move on. Don't take their garbage and spread it to other people at work, at home or on the streets.

The bottom line is that successful people do not let garbage trucks take over their day. Life's too short to wake up in the morning with regrets, so 'Love the people who treat you right. Forgive the ones who don't'. This attitude will help you sail through life. There will be fewer jerks and bumps. Learn to take the bad with the good for life can never be perfect. Acceptance of what is, is the solution. Don't react, just accept and you will be a lot more happy.

Life is ten percent what you make it and ninety percent how you take it!

What attitude has been highlighted in the passage.

Q20. What attitude has been highlighted in the passage?

- a) Ignorance
- b) Laziness
- c) Shamelessness
- d) Joyfulness

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Q21. What formula of happiness is shared here?

- a) Ignore small things
- b) Forget and Forgive
- c) Don't React
- d) Move on

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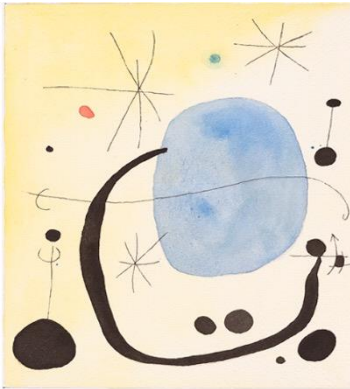
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Q22. What do you understand by “Slammed”?

- a) Slapped
 - b) Stopped
 - c) Pulled
 - d) Forced
-

Q23. Which of the following aspects contributes most to rhythm?



- a) The repetition of shapes
 - b) The vertical orientation of the image
 - c) The asymmetrical balance
 - d) The use of cool and warm colour
-

Q24. Identify the style of painting of Indian art



- a) Patua and Pichwai
- b) Kalighat and Patua
- c) Sohrai and Tikuli
- d) Tikuli and Kalighat

Q25. The dominant (strongest) principle of design in this artwork is:



- a) Emphasis
- b) Rhythm
- c) Balance
- d) Unity

Section C: Subjective / Design Questions

Note for Students:

These questions are open-ended. There is no single correct answer. Focus on originality, clarity of thought, and effective visual communication.

Q26. A common problem faced by working couples is that no one is at home during the day to accept couriers and online purchase deliveries. Suggest an elegant solution integrated into the front door for receiving parcels and messages.

Q27. You are teaching how to book an 'UBER Ride' to a group of senior citizens in an old age home. The care takers ask you to develop an instructional booklet for the same.

In the frames given in the answer sheet, create an instructional graphics explaining the step by step process of booking an UBER ride on smart phone.

You can use only pen, color pencils to work on the same.

You can use up to six frames to demonstrate the task.

Q28. Please take a close look at the illustration given below.



An everyday object has been creatively converted to other object through illustration.

You'll find 5 pictures on your answer sheet. Use your imagination and creatively transform each object to some other meaningful object. Draw in a given space as similar to shown in the above reference image.

Q29. Read the following excerpt from short story “The Huntress” written by Sofia Samatar, carefully:

The moon shed feathers of light, as if molting. In the morning the eaves would drip with pinkish foam. A stench of fur came in at the window. I went to slam it shut, but instead I stood there, fingers gripping the edge of the frame. I closed my eyes in the searching heat. All over the city people were taking shelter in their cellars and under their beds. Once there were two children and they were the only ones on their block who kept the passion for monsters after they grew up.

On the adjacent blank sheet provided to you, create a visual representation of the above lines in one single image that encapsulates the genre and the atmosphere of the paragraph.

You can use only pen, color pencils to work on the same.

(pencil drawings will not be accepted).
