DESIGN APTITUDE TEST / [DAT] 2023

POSTGRADUATE

(ONLINE)

Time: 3 Hours   **TOTAL MARKS - 100**

INSTRUCTIONS TO THE CANDIDATES:

Read these instructions carefully before attempting the questions.
1. You are advised to sit in a closed room having proper light, near the Wi-Fi Router/Modem with the battery of your laptop FULLY CHARGED before appearing for the examination as a measure against unexpected power outages.
2. **The candidates should remain within the focus area of webcam / camera of their system all through and till he/she completes his/her ONLINE DAT test.**
3. Candidate can use rough work sheets (A4 size blank paper) for any calculation or noting. Using of calculator and other electronic devices strictly prohibited.
4. Type / write your answers IN ENGLISH ONLY.
5. **All questions are mandatory and there is no negative marking**
6. Stationery to be used: A4 size paper, Ball Pen (Blue Ink), Pencils (B, 2B, 4B, 6B, 8B), Geometry box, colour pencil set, ruler and sharpener and eraser.
7. **Maximum Duration for the completion of the test is 180 minutes (3hrs.).**

Postgraduate DAT Paper consists of two parts with 30 Questions.

Part A carries a total of **50** marks. It contains **26** questions: This part assesses knowledge of Reasoning & General Awareness (RGA), Quantitative Aptitude (QA), Language & Comprehension (LA)

A.1 - Reasoning & General awareness -20 Questions – 01 Mark Each **Total 20 Marks**
A.2 – Quantitative aptitude, Language & comprehension-06 Questions – 05 Marks Each **Total 30 Marks**

Part B carries a total of **50** marks. It contains **04** questions: This part assesses Lateral thinking (LT), Design Problem Solving (DPS), Skill, Understanding of Interpretation and Expression (UIX), Visualization, and Representation (VR).

 B.1 – Lateral thinking, Design Problem solving - 02Questions – 10 Marks Each **Total 20 Marks**
                                                                02Questions – 15 Marks Each **Total 30 Marks**

 B. 2 – Skill, understanding of Interpretation & Expression, Visualization & Representation-
                                                02Questions – 15 Marks Each **Total 30 Marks**

UID DAT (PG)– 2023
PART – A

PART A: This part assesses knowledge of Reasoning & General Awareness(RGA), Quantitative Aptitude(QA), Language & Comprehension(LA) (26 questions - 50 marks)

PART A.1: Reasoning & General awareness (20 questions - 20 marks @ 1 marks each)
Note: Tick (√) the right answer from the following options

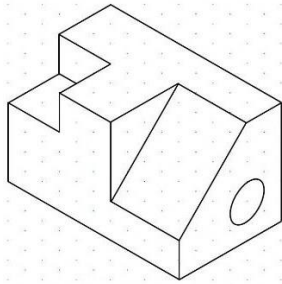Q no. 1. What font style is odd one out in the table below ?........1 marks

1979	1975	1985
1879	1856	2022
1968	2022	2023

a) Arial
b) Birch Std
c) Franklin Gothic Book
d) Corbel

Q no. 2. How many triangles and decagons constructs a Truncated dodecahedron

a) 20 triangles and 12 decagons
b) 10 triangles and 10 decagons
c) 30 triangles and 20 decagons
d) 15 triangles and 10 decagons

Q no. 3. How many planes are visible in the forms below?.......................................1 marks

a) 8
b) 7
c) 9
d) 6

Q no. 4. Shore Temple complex of at Mamallapuram, has been built by which dynasty?........1 marks
a) Chola
b) Rashtrakutas
c) Pallavas
d) Chalukya

Q no. 5. The Panama Canal connect which of the two oceans? .... 1 marks

   a) connects the Atlantic and Pacific oceans
   b) connects the Indian and Pacific oceans
   c) connects the Arctic and Pacific oceans
   d) connects the Atlantic and Pacific oceans

Q no. 6. Which of the following is not an art movement?
   a) Pointillism
   b) Modernism
   c) Impressionism
   d) Rasterism

Q no. 7. 88 % copper, 10 % tin, and 2% zinc – is the composition of which metal?   …….1 marks

   a) Gunmetal
   b) Bronze
   c) Babbitt metal
   d) Brass

Q no. 8. Match the following List-I & List-II:... 1 marks

Match the following	
List-I	List-II
A. Zoji La Pass	1. Sikkim
B. Bara Lacha Pass	2. Uttarakhand
C. Jelep La Pass	3. Himachal Pradesh
D. Niti Pass	4. Jammu and Kashmir

Tick the correct answer below:
   a) 2-A, 3-B, 1-C, 4-D
   b) 4-A, 3-B, 1-C, 2-D
   c) 2-A, 1-B, 3-C, 4-D
   d) 4-A, 1-B, 3-C, 2-D

Q no. 9.
 How many typefaces have been used in the line above.

   a) 6
   b) 7
   c) 8
   d) 5

Q no. 10 George Surat is considered as the most renowned painter of the following Art Movements?
……..1 marks
   a) Post-Impressionism
   b) Pointillism
   c) Expressionism
   d) Cubism

Q no. 11. The Red Dot Design Award looks back on the history of?

a) more than 60 years
b) less than 20 years
c) less than 15 years
d) more than 80 years

Q no. 12 A, B and C can separately do a work in 12, 15 and 20 days respectively. Theystarted to work together but C left after 2 days. The remaining work will be finalized in
a) 4 days
b) 6 days
c) 8 days
d) 10 days: …….1

Q no. 13. What is the angle between two hands when time is 5:30?
a) 20 Degrees
b) 15 Degrees
c) 30 Degrees
d) 160 Degrees   …….1 marks

Q no. 14 Find the number of triangles in the given figure. ………………………………… 1 marks
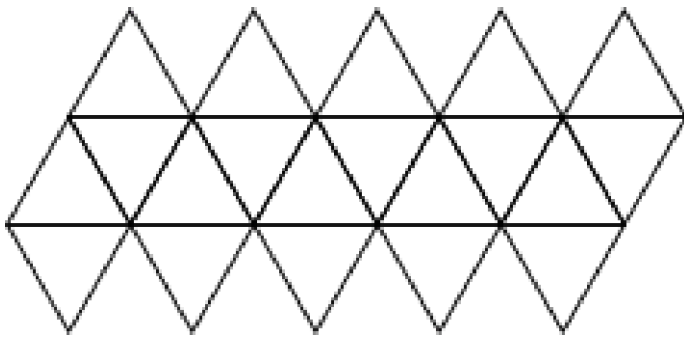

a) 12
b) 18
c) 22
d) 26

Q no. 15. . In a certain code language 'COMPUTER' is written as 'RFUVQNPC'. How will MEDICINE be written in that code language?   …….1 marks
a) EOJDJEFM
b) MFEDJJOE
c) MFEJDJOE
d) EOJDEJFM

Q no. 16. Which platonic solid template/cutout is this?

a) Icosahedron
b) Dodecahedron
c) Octahedron
d) Hexahedron

Q no. 17. X introduces Y saying, "He is the husband of the granddaughter of the father of my father."
How is Y related to X?   …….1 marks
a)   Brother
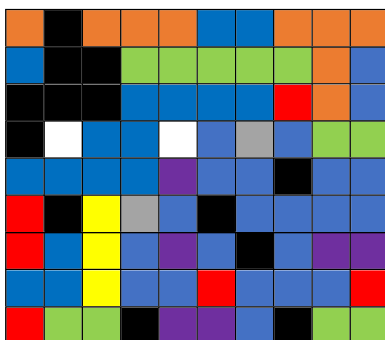b)   Son
c)   Brother-in-law
d)   Son-in-Law

Q no. 18. At a railway station a 24-hour watch loses 3 minutes in 4 hours. If it is set on theright time on Sunday noon, when will the watch show the correct time. ....1 marks

a) 6pm after 40 days
b) 12 noon after 75 days
c) 12pm after 100 days
d) 12 noon after 80 days

Q no. 19. A merchant buys an article for Rs.27 and sells it at a profit of 10% of the sellingprice. The selling price of the article is: .... 1 marks
a) Rs.37
b) Rs.30
c) Rs.29.70
d) Rs.32

Q no. 20. What percentage of occupancy is done by each color in the boxes below?......... 1 marks

a) Back 13%, Blue 41%, Red 8%, Green 14%, Orange 9%, Grey 2%, Purple 6%, Yellow 3%, White 4%
b) Black 7%, Blue 56%, Red 6%, Green 21%, Orange 10%, Grey 2%, Purple 6%, Yellow 3%, White 4%
c) Black 5%, Blue 45%, Red 10%, Green 21%, Orange 3%, Grey 3%, Purple 6%, Yellow 3%, White 4%
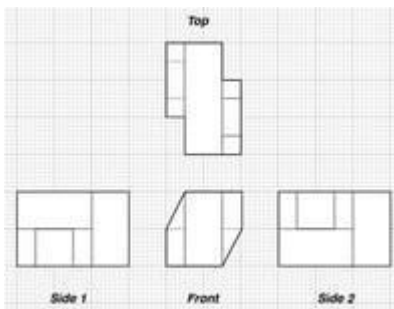d) Black 9%, Blue 54%, Red 6%, Green 20%, Orange 3%, Grey 3%, Purple 5%, Yellow 4%, White 3%

PART A.2: Quantitative aptitude, Language & comprehension (6 questions - 20 marks @ 5 marks each)

Q no. 21 Visualize and illustrate a space incorporating the following elements in a two-point perspective view (pencil colour rendering) ....5 marks

- Golden pothos
- Table
- Wardrobe
- Chair
- Almira
- One animal

Drawing area:

Q no. 22. Draw the form based on these orthographic projection views......5 marks.
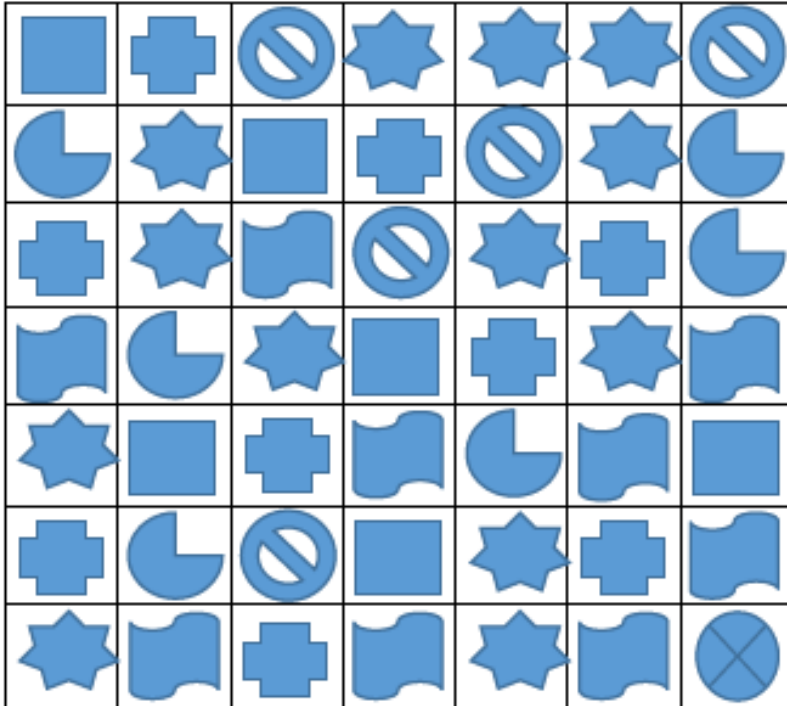

Drawing:

Q no. 23. Match the following Name of the Chairs with its creator.

Name of the Chair	Creator of the Chair
A. Lounge Chair	1. Hans Wegner
B. Tulip Chair	2. Verner Panton
C. Wishbone Chair	3. Emeco
D. Navy Chair	4. Charles & Ray Eames
E. Panton Chair	5. Eero Saarinen

Please write the correct combination with small illustrations (2 inch X 2 inch) of the chair.
Drawing space:

Q no. 24. How many types of shapes (with numbers) are there in the chart below? Draw the shapes and mention the numbers of those shapes. ....5 marks

Drawing area:

Q.NO. 25. Create a caricature version of this group of people keeping the order assame
.... 5 marks

Drawing area:

Q.NO. 26. Please read the passage and answer the question below ....5 marks

Harold a professional man who had worked in an office for many years had a fearful dream.In it, he found himself in a land where small slug-like animals with slimy tentacles lived on people's bodies. The people tolerated the loathsome creatures because after many year. they grew into elephants which then became the nation's system of transport, carrying everyone wherever he wanted to go. Harold suddenly realised that he himself was covered with these things, and he woke up screaming. In a vivid sequence of pictures this dream dramatized for Harold what he had never been able to put in to words; he saw himself as letting society feed on his body in his early years so that it would carry him when he retired.He later threw off the "security bug" and took up freelance work.

Q no. 26a. In his dream Harold found the loathsome creatures
  a) in his village
  b) in his own house
  c) in a different land
  d) in his office

Q.NO. 26b. Which one of the following phrases best helps to bring out the precise meaningof 'loathsome creatures'?
  a) Security bug and slimy tentacles
  b) Fearful dream and slug-like animals
  c) Slimy tentacles and slug-like animals
  d) slug-like animals and security bug

Q.NO. 26c. The statement that 'he later threw off the security bug' means that

  a) Harold succeeded in overcoming the need for security
  b) Harold stopped giving much importance to dreams
  c) Harold started tolerating social victimisation
  d) Harold killed all the bugs troubled him

Q.NO. 26d. Harold's dream was fearful because
  a) it brought him face to face with reality
  b) it was full of vivid pictures of snakes
  c) he saw huge elephant in it
  d) in it he saw slimy creatures feeding on people's bodies

PART – B
Part B: This part assesses Lateral thinking (LT), Design Problem Solving (DPS), Skill, Understanding of Interpretation and Expression (UIX), Visualization and Representation (VR) **(04 questions - 50 marks)**

PART B.1 – Lateral thinking, Design Problem solving
(02 questions - 10 marks @ 10 marks each)
(02 questions - 15 marks @ 15 marks each)

B.1 – Lateral thinking, Design Problem solving

Two question of 10 marks each

Evaluation criteria: Creativity & Originality (35%),
Skill & Observation (35%), Presentation (30%)

Q.NO. 27. Design a Poster (Colour Rendering) for one (A or B) of the following topic.
………………………….10 marks
A. "Encouraging fitness across all age groups"
B. "LIFE – a campaign by Government of India, encouraging Preservation of our Environment"

Instructions:
A. Use only one full page for drawing leaving the required margin (Size A4).
B. Use only colour pencils for Rendering.
C. Paper Orientation: Portrait

Q.NO. 28. Draw a cityscape (In one A4 size paper).

Create a cityscape. Illustrate (Colour Rendering) the same cityscape in 2 frames (A4 size) representing any two seasons with detailed changes. (2 frames on 2 different A4 sheets).
………..10 marks

WorkSpace:

Instructions:
A. Use only three full pages for drawing leaving the required margin (Size A4).
B. Use only colour pencils for Rendering.
C. Paper Orientation: Portrait/ Landscape

B. 2 – Skill, understanding of Interpretation & Expression, Visualization & Representation
Two question of 15 marks each

Q.NO. 29.
Design a location ICON (Colour Rendering) for Mobile application. The application has information about the design entrance examination of college.
Also show how the icon (Colour Rendering) will look in app store on mobile screen.Write a reflection of your thoughts in 150 words in the given space ....15 marks

WorkSpace:

Instructions:
A. Use only one full page for drawing leaving the required margin (Size A4).
B. Use only colour pencils for Rendering.
C. Paper Orientation: Portrait/ Landscape

Q.NO. 30. Ideate, create, and Design (Colour Rendering) a dress for Indian teenage girls of14-17 years only.

Design the product packaging also with related graphics .... 15 marks

Instructions:
A.   Use only full page for drawing leaving the required margin (Size A4).
B.   Use only colour pencils for Rendering.
C.   Paper Orientation: Portrait/ Landscape

<center>**OR**</center>

Identify the restaurant you must have visited recently.

Relate it to five senses and narrate the experience in not more than 300 words in the given space.

Create a composition based on your experience with colour pencil rendering.

Work Space:

Instructions:
A.   Use only full page for drawing leaving the required margin (Size A4).
B.   Use only colour pencils for Rendering.
C.   Paper Orientation: Portrait/ Landscape