



## DESIGN APTITUDE TEST / [DAT] 2022

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)– 2022

### 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. Who has become the first woman in the world to reach 300 million followers on Instagram? .....1 marks

- A. Kylie Jenner
- B. Kendall Jenner
- C. Megan Fox
- D. Gigi Hadid

Q no. 2 Who is known as the 'Father of the Internet'? .....1 marks

- A. Alan Perlis
- B. Jean E. Sammet
- C. Vint Cerf
- D. Steve Lawrence

Q no. 3 Which among the following temples of India is known as 'Black Pagoda'? .....1 marks

- A. Meenakshi Temple, Madurai
- B. Brihadeeswara Temple, Tanjore
- C. Lord Jagannath Temple, Puri
- D. Sun Temple, Konark

Q no. 4 In which of the following states is the Charta festival celebrated annually? .....1 marks

- A. Punjab
- B. Chhattisgarh
- C. Haryana
- D. Assam

Q no. 5 Who became the first Indian architect to win the Pritzker Architecture Prize in 2018? .....1 mark

- A. Hafeez Contractor
- B. Gurjit Singh Matharoo

- C. B. V. Doshi
- D. Brinda Somaya

Q no. 6 Famous mascot given below are from which company?

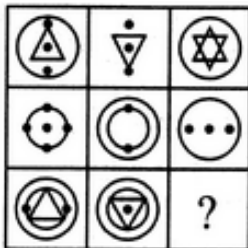
.....1 marks



- A. Vodafone
- B. Airtel
- C. Idea
- D. BSNL

Q no. 7 Select a suitable figure from the four alternatives given below, that would complete the figure matrix.

.....1 marks



(1) (2) (3) (4)

- A. 1
- B. 2
- C. 3
- D. 4

Q no. 8 What office did General Bipin Rawat hold at the time of his death in December 2021?

.....1 marks

- A. Chief of Defence Staff
- B. General Officer Commanding-in-Chief Southern Command
- C. Chief of Army Staff
- D. Chairman of Chiefs of the Staff Committee

Q no. 9 According to the United Nations World Happiness report 2021, name the number 1 ranked country?

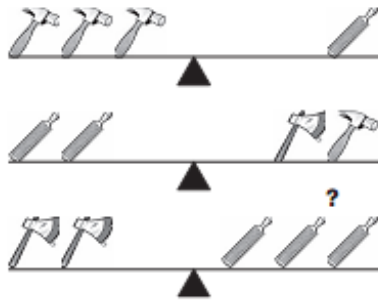
.....1 marks

- A. Austria
- B. Denmark
- C. Finland
- D. Switzerland

Q no. 10 From a point P on the ground level, the angle of elevation of the top tower is  $30^\circ$ . If the tower is 100 m high, the distance of point P from the foot of the tower is: .....1 mark

- A. 149m
- B. 156 m
- C. 173 m
- D. 200m

Q no. 11 Which tool will make the last scale balance? .....1 marks



- A. Hammer
- B. File
- C. Axe
- D. All of the above

Q no. 12 Which of the following is a complementary colour scheme? .....1 marks

- A. Green - Yellow
- B. Blue – red
- C. Yellow – Black
- D. Red – Green

Q no. 13 The first digital village of India belongs to which state of India? .....1 marks

- A. Maharashtra
- B. Punjab
- C. Gujarat
- D. Tamil Nadu

Q no. 14 Look at this series: 36, 34, 30, 28, 24, ... What number should come next? .....1 marks

- A. 20
- B. 22
- C. 23
- D. 26

Q no. 15 Which of the following is a German origin award for excellence in product design, brands and communication design, and design concept ? .....1 marks

- A. IF Product Design Award
- B. International Excellence Design Awards
- C. Apple Design Awards
- D. Red Dot Design Awards

Q no. 16 What is the phrase 'The watch dogs were asleep when the bulls ran riot.' mean? ..1 marks

- A. Behaved cleverly
- B. Acted without restraint
- C. Wandered aimlessly
- D. Had the best of time

Q no. 17 In a game of 100 points, A can give B- 20 points and C- 28 points. Then, B can give C:\_\_\_? .....1 marks

- A. 8 points
- B. 10 points
- C. 14 points
- D. 40 points

Q no. 18 Which of the following is an earthquake measuring instrument? .....1 marks

- A. Geiger counter
- B. Range
- C. Crescograph
- D. Seismograph

Q no. 19 When was the Hunter commission appointed? .....1 marks

- A. After the jallianwala Bagh massacre
- B. After the black closet incident
- C. After the partition of Bengal
- D. After the revolution of 1857

Q no. 20 Which is the antonym of AGONY, from the following options? .....1 marks

- A. meet time constraints
- B. aim better resource sharing
- C. aim better system utilization
- D. aim low system overhead

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

Q no. 21 In the following questions four alternatives are given for the idiom/phrase italicized and underlined in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase. ....5 marks

I) Why do you wish *to tread on your toes*?

- A. To give offense to them
- B. To follow them grudgingly
- C. To treat them indifferently
- D. To be kicked by them

II) *By fits and starts*

- A. To do intermittently or irregularly
- B. To do consistently
- C. To be in high spirits
- D. To fight vigorously

III) *Black sheep*

- A. costly item
- B. a dark shiny object
- C. an unworthy person in a family or group
- D. a funny man

IV) *To give oneself airs*

- A. Space to breathe
- B. Time
- C. Acting strange
- D. Behaving arrogantly

V) He has the *gift of the gab*.

- A. He is gifted
- B. He is a chatterbox
- C. He is a good conversationalist
- D. He is pretending

The correct answer set is:-

- A. I) A , II ) A , III) C , IV) D , V) C
- B. I) B , II ) A , III) B , IV) D , V) C
- C. I) D , II ) B , III) B , IV) D , V) A
- D. I) D , II ) C , III) B , IV) D , V) A

Q no. 22 Robert is travelling on his cycle and has calculated to reach point A at 2:00pm. if he travels at 10 kmph. He will reach there at 12:00 noon. if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.?

.....5 marks

- A. 8 kmph
- B. 11 kmph
- C. 12 kmph
- D. 14 kmph

Q no. 23 The average temperature for Monday, Tuesday and Wednesday was 40 degree Celsius. The average for Tuesday, Wednesday and Thursday was 41 degree Celsius, and that for Thursday being 45 degree Celsius. What was the temperature on Monday? .....

marks

- A. 42 degree
- B. 50 degree
- C. 45 degree
- D. 40 degree

Q no. 24 A train- 180 mts. long travels at 60 km/ph. A man is running at 6 km/ph in the direction opposite to that in which the train is going. The train will cross the man in how many seconds?

.....5 marks

- A. 9 sec.
- B. 16 sec.
- C. 15 sec.
- D. 17 sec

Q no. 25 Identify the logos of famous Indian Companies

.....5 marks

l)



- A. Ubuntu
- B. Unilever
- C. Udemy
- D. Unicef



- A. Titan
- B. Inorbit
- C. Transavia
- D. Tissot



- A. Indian Railways
- B. India Post
- C. Indian Air Lines
- D. IndiaMART



- A. Alibaba
- B. Aircel
- C. Ajio
- D. Airtel



- A. Hindustan Unilever
- B. Dabur
- C. Himalaya Herbals
- D. Nestle

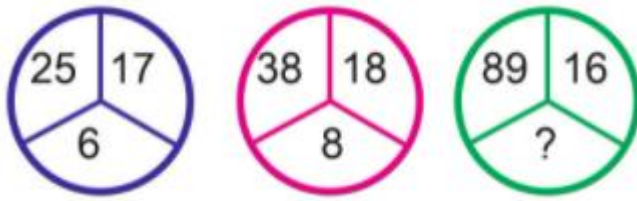
The correct answer set is:-

- A. I) A , II ) A , III) C , IV) D , V) C
- B. I) B , II ) A , III) C , IV) D , V) B
- C. I) D , II ) B , III) B , IV) D , V) A
- D. I) D , II ) C , III) B , IV) D , V) A



Q no. 26 Which number replaces the question mark?

..... 5 marks



- A. 13
- B. 15
- C. 17
- D. 19

## **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)**

Q no. 27 Sketch a mural for a lobby of a drama theatre. Proportions of the lobby are Length - 10mts., Width – 5mts and Height - 2mts. Explain the concept in 100 words in the given space below.

...10 marks

### **INSTRUCTION NOTES:**

- Number of Papers to be used: 01
- Paper size: A4
- Paper orientation: will be decided by the candidate
- It is mandatory to type down 100 words notes in the given space.
- Name, Candidate ID & Question no. should be written on the corner of the page
- Do not use scale.
- Use only HB pencil
- Once completed, Upload the Photo file as instructed

Q no. 28 Redesign a logo for a mobile company, filling it with colors of your choice so that all generations of people are attracted towards it.

.....10 marks

### **INSTRUCTION NOTES:**

- Number of Papers to be used: 01
- Paper size: A4
- Paper orientation: will be decided by the candidate
- Name, Candidate ID & Question no. should be written on the corner of the page
- Do not use scale.
- Use only HB pencil
- Do not use sketch pens or markers
- Use colour pencils for rendering
- Once completed, Upload the file as instructed

**PART B.2** – Skill, understanding of Interpretation & Expression, Visualization & Representation

(02 questions - 30 marks @ 15 marks each)

Q no. 29 You have three balls, a bat, stumps, and a cap. Make an interesting composition and show the effect of light. ....15 marks

INSTRUCTION NOTES:

- Number of Papers to be used: 01
- Paper size: A4
- Paper orientation: will be decided by the candidate
- Name, Candidate ID & Question no. should be written on the corner of the page
- Do not use scale.
- Use only HB pencil
- Do not use sketch pens or markers
- Do not use colour pencils for rendering
- Once completed, Upload the photo file as instructed

Q no. 30 You are standing on your balcony which is on the first floor and you are looking at the bus stop. There are a number of people waiting for the bus, it's morning time. Sketch this scene in an interesting style. ....15 marks

INSTRUCTION NOTES:

- Number of Papers to be used: 01
- Paper size: A4
- Paper orientation: will be decided by the candidate
- Name, Candidate ID & Question no. should be written on the corner of the page
- Use only HB pencil
- Do not use sketch pens or markers
- Use colour pencils for rendering
- Once completed, Upload the file as instructed