

M.Des 2019 DAT Prelims Test Paper Part-1 CDAT

(Common Design Aptitude Test)

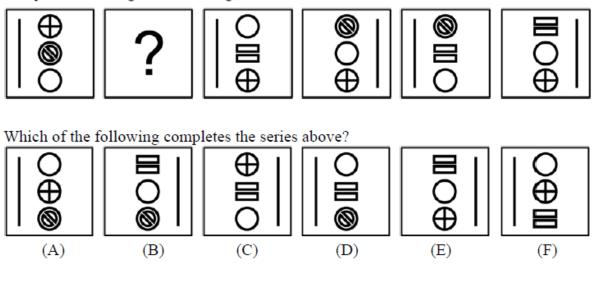


PART 1

Do not write your name anywhere in the booklet. This will lead to disqualification. Please read the question carefully and follow the instructions provided.

Directions: Question No.1 carries 1.0 mark.

Q1. Study the following series of images.



Answer:

Directions: Question No. 2 to 9 carries 2 marks each.

Q2. Below are the national flags of Pakistan (Image 01) and Bhutan (Image 02) in gray scale.





Image 01: National flag of Pakistan

Image 02: National flag of Bhutan

Based on the color actually used in the national flags of Pakistan and Bhutan, indicate from the list below that they belong to.

[Complementary, Analogous, Monochrome, Primary, Secondary, None]

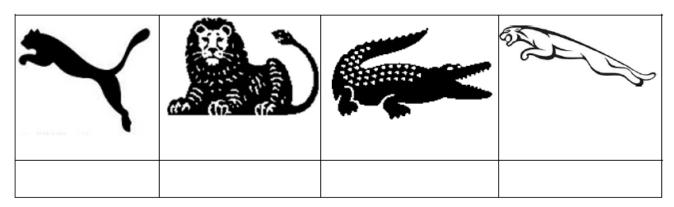
Color scheme of the national flag of Pakistan:

Color scheme of the national flag of Bhutan:

8M/XX-XIX/I Page 3 of 12

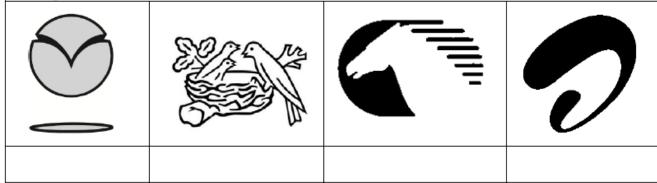
for answers, detailed explanations & 100+ student Sketches

Q3. Following are the images of animals used by organizations in their identity / branding / logo. In the space below each image write the name of the brand / company associated with it.



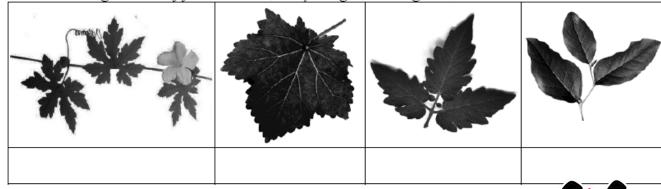
Q4. The following patterns/symbols/icons fully / partially represent the branding / identity of companies or organizations. In the space below each image write the area/domain in which the company/organization operates.

Choose the area/domain from: Telecommunication, Automobile, Pharmaceutical, Food & Beverages.



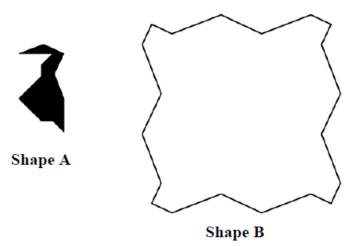
Q5. Following are the images of leaves of vegetables. In the space below each image write the name of the vegetable for the leaf.

Choose the vegetable leaf from: Lemon, Lady Finger, Bitter gourd, Tomato.



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Q6. Refer the shape A and shape B below. How many times does shape A need to be repeated in order to fill shape B completely (without overlapping and leaving any gaps in between)?



Answer:____

Q7. Write the name of the country for each of the object/clothing/architecture from where it belongs to in the space provided below the image of an object.

Choose the country from Ethiopia, Bhutan, Mexico and Russia.



Image 01_____

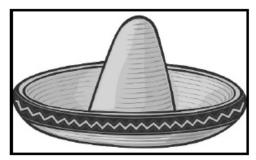


Image 02



Image 03



Image 04

Q8. Following are images of "Indian Wall Art" being practiced in different regions across India. Below each image write the name of the State to which it belongs.







State:



State:____



State:

Images of Set 01









(C)

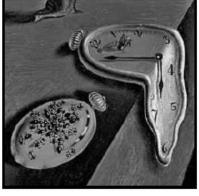


(D)



Images of Set 02





(2)



(3)



(4)



Associate visual expression of images of Set 01 to Set 02 and write the answer below:

(A) _____

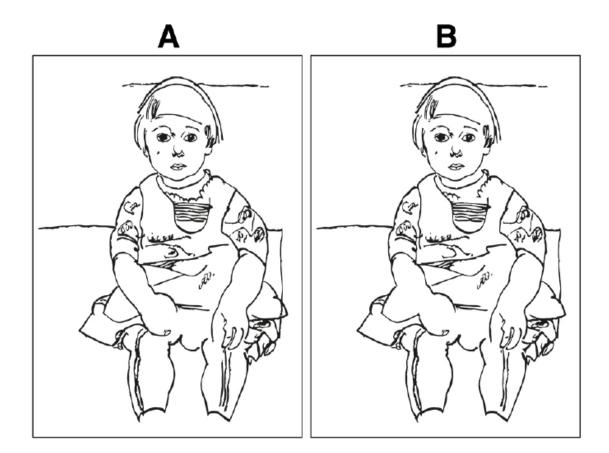
(B)____

(C)____

(D)

Directions: Question No. 10 to 11 carries 2.50 marks each.

Q10. Identify five differences between image A and B. Circle the differences in image B.

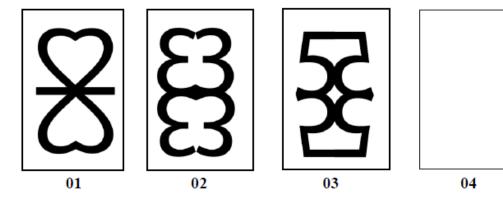


Q11.	Below are the symbols of sustainable development goals as published by United Nations Development Programme (UNDP). Write the goal in words against each symbol.
a)	Ţ
b)	CO
c)	
d)	
e)	- ₩

Directions: Question No. 12 carries 3.0 marks.

Q12. Study the images below. Identify the pattern and draw the image which comes next in box No 04.

Draw the image in black colour only. Thickness of the pattern must be same as images 01, 02 and 03.



Space for Rough Work

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Part-II: Domain Specific Test

(Communication Design)



Questions 1 to 5 are subjective type questions. Do not write your name anywhere in the booklet. This will lead to disqualification.

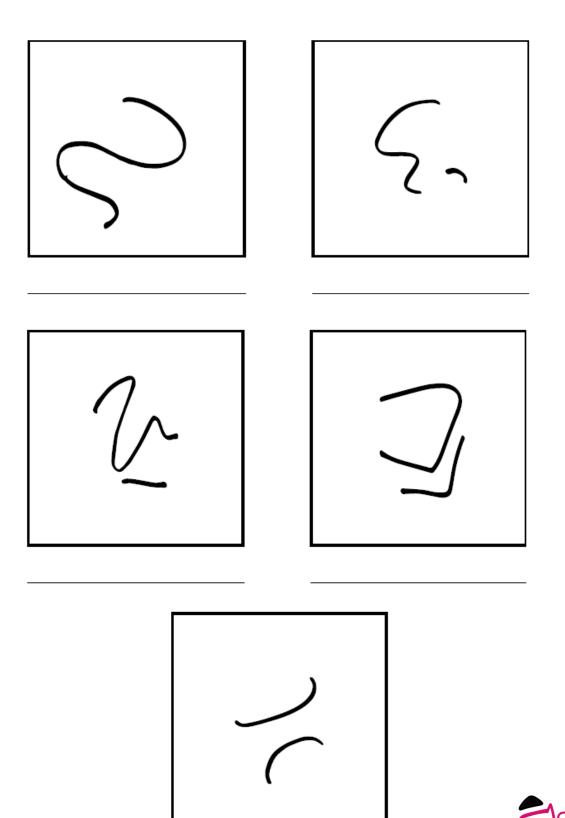
Q1. Five pictographs are given below. (20 marks) Draw one scenario in which these pictographs may be present. Include the pictographs in your drawing, at the appropriate locations/colour/scale.

	college/organisation.	
TASE Write Each	<u>X A</u> about 5 situations in your college/organisation where gender equality can be a point should be written in not more than 2 sentences.	mproved. (1 x 5= 5 marks
i.		
ii.		
iii.		
iv.		
V.		

Your task is to prepare a campaign to meet the gender equality goals of your

TASK B Design a poster to communicate any one of the situations described in Task A. You may use colours to emphasize the message.	(10 marks

Q3. Complete the following incomplete scribbles using not more than three lines (straight or curved) for each scribble. Give a single-word title for each. $(3 \times 5 = 15 \text{ marks})$



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Q 4.	Suppose you are trapped in a buil others? Visualise it in 3 frames, g		you save yourself and $(5 \times 3 = 15 \text{ mark})$
		ınations & 100+ student Sk	

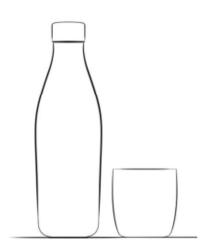
Q5.	In the ruled space below, write a story which includes the sensory attributes/qualities associated with any four of the objects printed below. (10 marks)
	Note: • The objects may appear in any order in the story.

Part-II: Domain Specific Test

(Industrial Design)

following objects: a) Bottle cap	b) Toothpick	(10
a) Boute Cap	0) Toompiek	
		<u> </u>
		الله الله

Questions 1 to 6 are of subjective type. Do not write your name anywhere in the booklet. This



Space for task a:

b)	Imagine that the object A shrinks to half its size and object B enlarges to twice its size	e
	(A. Water bottle, B. Glass).	(5 marks)

Draw them in 3D view.

Space for task b:

of the person during this task	. Describe in words the problem depicted. (10
	A : 0

Q4. Give 2 original solutions that would help you wake up without the possibility of you falling back to sleep. (15 marks)

In the space provided below, sketch the 2 solutions you have proposed communicating how they achieve their goal.

Solution 1:

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Solution 2:



Q5. For an outdoor trek that you are planning, you need to carry the following objects: water bottle, sandwich, book, mobile phone, pair of shoes. Design a product to enable you to accommodate and carry all these items in it together. (25 marks)

In the spaces provided below -

- A. Make a realistic drawing of the product you have designed, showing relevant details.
- B. Draw a realistic sketch of the product in use.

In your sketches indicate the product's main features with labels.

Space for task A:

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Q6. Associate entities in Column 2 with the correct entities in Column 1 by making entries in Column 3 following the example shown. (5 marks)

Column 1	Column 2	Answer column
1. (example) Taj Mahal	A.	(example) B
2.	B. (example) Marble	
3.	C.	
4. Surgery	D. Modular	
5. Eames	E. Motor skill development	
6. Sanp fit	F. Slip-casting	

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Column 1	Column 2	Answer column
7.		
8. Bearing/Friction	H. Electricity	
9.	T	
10.	K. Graphene	

Part-II: Domain Specific Test

(Inter-Disciplinary Design Studies)

Questions 1 to 7 are of subjective type. Do not write your name anywhere in the booklet. This will lead to disqualification.

Q1. Give your interpretation of the image below and give an appropriate proverb for it.

(5 marks)



terpretation		
roverb:		
		<u> </u>

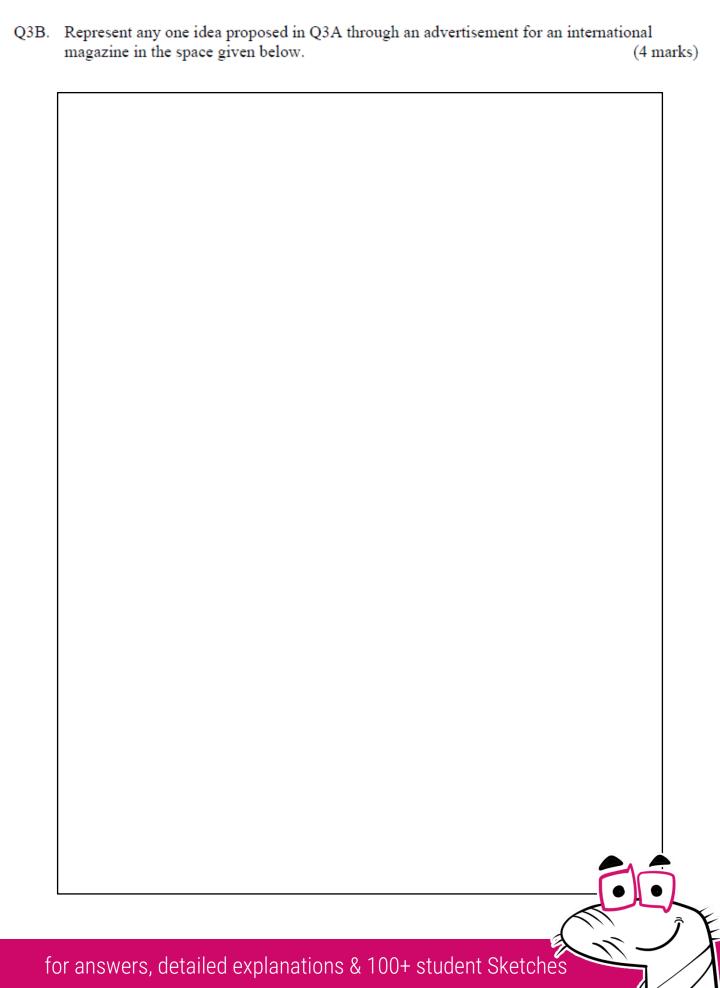
Q2. Sketch and explain two concepts on enhancing the user experience in the context of the image given below. (15 marks)



Concept 1

Concept 2	
Concept 1	
Concept 2	
-	

3A. Create three business ideas to transform Khadi as a global trend.	(6 marks)
Business Idea 1	
Business Idea 2	
Business Idea 3	



List the factors to be considered for launching it in each of these cities.	(4 m
<u>Somnath</u>	
Madurai ————————————————————————————————————	
Amritsar	
- Tillitisai	
Varanasi	

Consider IKEA a global brand that is planning to launch their retail outlets in four Indian

Q4.

to implement.	((
City:	
Circu	
City:	[•]

Q5. Create a story that can be represented by any of the twelve icons given below. TASK A In the 12 boxes, draw the icons in the sequence of the story (6 marks) 2 5 6 7 8 9 10 11 12

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TASK B Write your story below.	(9 marks)

Below is an image of shopping cart. Draw a family consisting of a father, a mother and Q6. 2 children under 10 years of age selecting products from a display rack, with reference to the given image. (10 marks)

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specifically designed for Below Poverty Line people.	(10 n
	الالر
answers, detailed explanations & 100+ student Sketch	A ->

Part-II: Domain Specific Test

(Textile, Apparel, Lifestyle and Accessory Design)

Question Nos. 1 to 6 carries 1 marks each

Q1. Identify the symbol and mention the country this belongs to or where this was designed.



Q2. "His or Her understanding of material is combined with mastery of the tools, techniques and processes that have evolved over the centuries through social and cultural interactions." (Handmade in India, by Aditi Ranjan & M P Ranjan). Who does "his or her" refer to in the quote above?

Answer:			

- Q3. From the list below, identify the fiber that does not come under the category of 'Bast fibers'.
 - (A) Jute

(B) Okra

(C) Banana

- (D) Milkweed
- Q4. Choose the correct option. The "new aesthetics" is:
 - a) deconstruction as termed by J. Derrida
 - b) order of things by Michel Foucault
 - c) blending of virtual and physical by James Bridle
 - d) Reasoned judgment by Emmanuel Kant
- Q5. Identify the artist and the title of the image.



Answer:

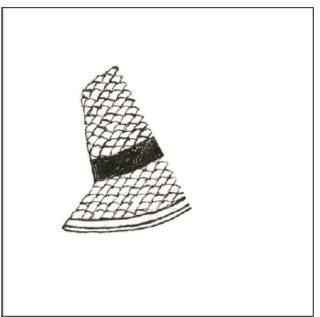
) 6.	Only textile products that	t contain a minimum of 70% or	ganic fibers can become nical inputs such as dyestuffs
	accessories is limited in acc treatment plant is mandatory	neet certain environmental and toxicolog cordance with ecological aspects as well for any wet-processing unit involved and riteria of certification are, its quality assura	gical criteria. The choice of ll. A functional waste water d all processors must comply
Quest	ion Nos. 7 to 9 carries 2 marks	s each	
Q 7.		rer having a turn over of less than Rs.10,00 ST number apply in this scenario?	0,000/- and selling products in
	Yes / No		
8.9	Associate entities in Column 2 Column 3 following the exam	2 with the correct entities in Column 1 by n ple shown.	making entries in
	Column 1	Column 2	Answer Column
	1. (example) Taj Mahal	A. Leading trade fair for home textile	(example) B
	2. VITUS 3D Scanner	B. (example) Marble	
	3. Pantone	C. Trend forecasting company code	
	4. WGSN	D. a system for matching colur with	
	5. Heimtextil	E. Sizing	
Q 9.	How does 'Waterless Dyeing problem of your choice in the	Method' work? Describe the impact of it or ruled space below.	on any specific design
fc	or answers detailed ev	planations & 100+ student Ske	otches D
- 10	Tanswers, actanea cx	planations & root student one	tones

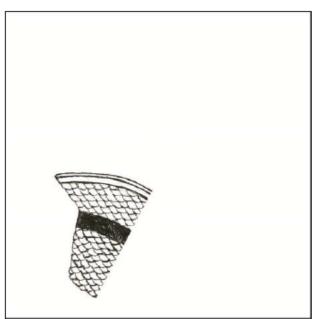
	tiomimicry brings nature and technology together to create exciting new materials that are sm d more sustainable".
Ex	plain with 3 examples of innovative materials that are inspired by biomimicry.
_	
_	
_	
_	
_	
_	
_	

Question No. 10 carries 3 marks.

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Q11. Observe the drawings. Complete the drawing in each space such that the three completed drawings are distinct from each other. Below each drawing give a title to communicate what it depicts.





Title:			

Title:



Title:_____

Frame 1	Frame 4
	From 5
Frame 2	Frame 5

Q13.	A Highway is being converted into four lanes, where rocks are being cut down to make it plain land and to widen the road. Civil construction workers at the site are constantly showered by flakes or rocks and rocky sand under harsh sunlight. (a) Visually represent the scenario. (b) Suggest 2 solutions that address the issues.
	TASK A (5 marks) Visually represent the scenario.
f	or answers, detailed explanations & 100+ student Sketches

ASK B (10 marks)	
uggest 2 solutions that address the issues.	
	Caption:

Q14. Study the paragraph and the image given on the adjacent page carefully and share your understanding of the concepts expressed in both in form of a model that communicates a balance between both the text and the image.

Part A:

The history of the concept of Sarvodaya in the modern era begins with English social philosopher John Ruskin. In 1860, Ruskin wrote a series of essays that criticized the capitalist system because it created a hierarchical social structure, hyper-competitive culture, mechanical worldview, and undermined the dignity of labor. As an alternative, he suggested building economic systems that facilitate fair wages, meaningful work, and which would focus on enabling the least powerful, not the most. He published this collection of essays in 1862 as a book, entitled Unto This Last.

While Ruskin provided the framework for Sarvodaya philosophy, the term/concept was coined by, Gandhiji. It is a comprehensive, social, economic, political, moral and spiritual philosophy. It was based on three basic principles:

- 1. That the good of the individual is contained in the good of all.
- That a lawyer's work has the same value as the barber's in as much as all have the same right of earning their livelihood from their work.
- 3. That is a life of labour, i.e., the life of the tiller of the soil and the handicraftsman is the life worth living.

Mahatma Gandhi was of the firm view that the earth provides enough to satisfy every man's needs, but not for every man's greed. In the Sarvodaya society of his dream, therefore, every member will be free from any greed for limitless acquisition of material wealth and more and more luxurious living and they will follow the motto of simple living and high thinking. Everyone will, thus, get ample opportunity to produce and earn sufficiently through honest work for decent and dignified living. Consequently there will be no problem of unemployment. Of course, obviously, income of different people may be different, depending on their talent, ability and effort. But those who will earn more will use the bulk of their greater earnings for the good of the society as a whole. In such a society, all wealth, including land, will be assumed as common property to be utilized for the welfare of all. As regards use of machinery in economic activity, Gandhi said that "If we feel the need of machines, we certainly will have them. But there should be no place for machines that concentrate power in a few hands and turn the masses into mere machine-minders, if, indeed, they do not make them unemployed." In order, therefore, to minimize use of machines in a Sarvodaya society, Gandhi strongly advocated that everyone should do some productive physical work at least to earn his/her daily bread as was also advocated by Leo Tolstoy - the great Russian thinker and writer and everyone should uphold the dignity of labour irrespective of the type of honest labour performed by an individual.



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(Information Technology-Integrated Programmes)

Q1.	Construct 3 arguments for who should own the rights to the contents on a social media platform such as Facebook and Instagram, after a person (i.e. account holder) is deceased. What should happen to the deceased individual's account and its contents/assets? (15 marks)
1.	
2.	
3.	

Questions 1 to 6 are of subjective type. Do not write your name anywhere in the booklet. This will lead

men may be used in any one	e of the given cases: 2-wheelers	5 of 4-wheelers of comme	(15 1
			عال
			11

YouTube provides you with an opportunity to create your own online streaming channel specific topic or theme that you plan to launch (e.g. cooking) and give reasons for your Give your channel an identity by designing a logo and tagline for your channel.	r choice. (15 ma
Tagline:	
Reasons for choice of channel:	
icessons for choice of changes.	

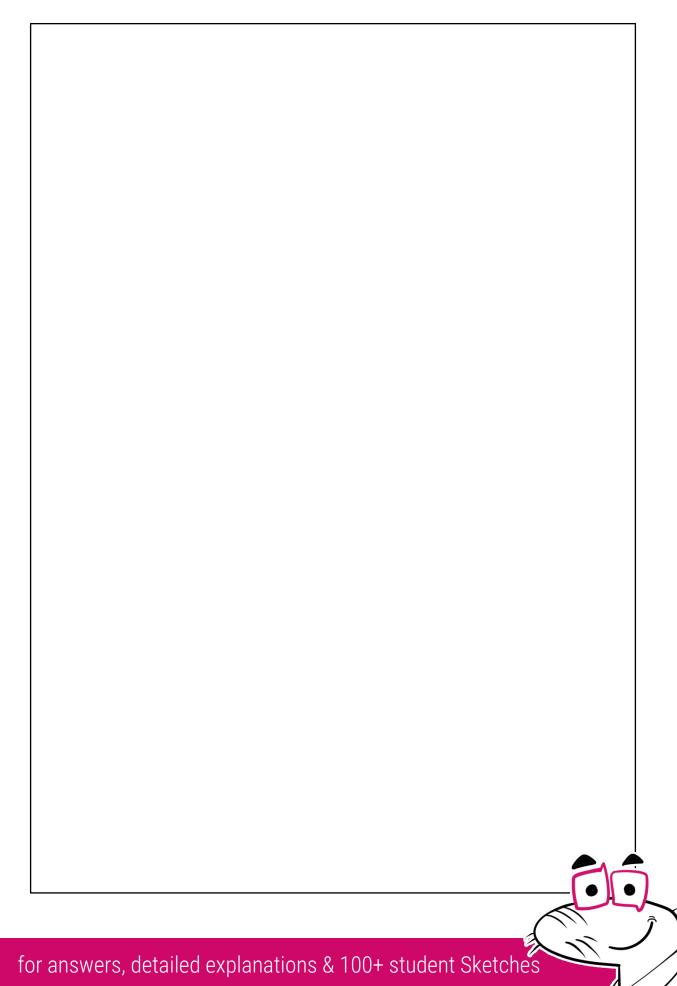
n elderly person wants to click a selfie using a smartphone and share it with their lo nagine and illustrate a novel way of achieving the same task for this user group.	(10

"Over 50 people were killed and several injured Friday evening as two trains speeding in opposite directions mowed down people standing on the tracks near a railway crossing watching a Ravan effigy being burnt at a Dussehra celebration here.

There were at least 300 spectators at the Dhobi Ghat ground barely 2km from the Amritsar station. Many of them stood on the tracks close to the Juara Phatak crossing to get a better view and were taking videos of the burning Ravan as the first of the trains ran them over. The gates at the crossing were closed at the time.

It was only after the train had flashed past did the stunned survivors realize what had happened.

Most of the casualties appeared to be of those killed by the first train. The second train sped past seconds later and some of those who had jumped on the second set of tracks to escape the first were caught under it."



1		
1		
2		
2		
		
3		
	-	

Q6. Imagine a scenario in the near future where the citizens of India can vote using their smartphones.

Space for Rough Work

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For more Detail Explanation and sample sketches Log on to edge.dqlabs.in

Question No	Answer
1	В
2	Monochrome, Analogous
3	Ing, Jaguar, Lacosite, Puma
4	Pharmaceutical, Automobile, Food & Beverages, Telecommunication
5	Tomato, Lemon, Bitter gourd, Lady Finger
6	16
7	Ethiopia, Mexico, Bhutan,Russia
8	Madhya Pradesh, Maharashtra, Bihar, Tamil Nadu
9	C- 2, D-3, A- 1, B-4
10	Refer edge.dqlabs.in
11	Good Health& Well Being, Clean Water and Sanitation. Responsible, Gender Equality, Climate Action
12	Refer edge.dqlabs.in

NID



BARRI WAHLANG NID PG 2020 RANK - 01



NID PG 2020

RANK - 01



JAYA PRABHAKARAN NID PG 2020 RANK - 01



PARVATHI NID PG 2020 RANK - 01



MANASVINI NID PG 2017 RANK - 01



KUSHAL SANDEEP NID UG 2018 RANK - 03



LAXMI VIDYASAGAR NID UG 2019 RANK - 04



NID UG 2016 RANK - 04



RHEA ANGELA NID UG 2018 RANK - 04



RAGHUL SREEDHAR NID UG 2020 RANK - 05



NID UG 2017 RANK - 05



NID UG 2020 RANK - 05



CHANDRU NID PG 2020 RANK - 06



SHUBHRA AGARWAL NID UG 2020 RANK - 07



HARINI SURESH NID UG 2020 RANK - 10



SHRIYA GURKHA NID UG 2019 RANK - 10



POORNIMA S NID UG 2017 RANK - 10



NIKITA DHAMIJA NID UG 2020 RANK - 12



SUHANI CHHEDA NID UG 2020 RANK - 14



ARUNDHATHI NID UG 2020 RANK - 14



NID UG 2019

RANK - 20



NID PG 2020 RANK - 20



SAI VIDYASRI G NID PG 2020 RANK - 19

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UCEED



DARE LOBO UCEED2017 RANK - 06



AMISHA NAIR UCEED 2020 RANK - 8



CHERIAN JEREMIAH UCEED 2018 RANK - 06



ZAID KHURAM UCEED 2018 RANK - 14



MEDHAVI PARASAR UCEED 2018 RANK - 15



SPOORTHI NAGESH UCEED2018 RANK - 30



ARYAN VIJAY UCEED 2020 RANK - 47



MADHAV G UCEED2019 RANK - 50



UMANG SRIVASTA UCEED2018 RANK - 63



SMIRTHI S UCEED 2020 RANK - 64

NIFT RANKS



SIRIGOWRI NIFT 2018 RANK - 01



DEEKSHITA RAMA NIFT 2019 RANK - 03



SEEMRAN P NIFT 2017 RANK - 07



JANANI NIFT 2018 RANK - 10



SMRITHI S NIFT 2020 RANK - 12



NIFT 2020 RANK - 27



RHEA MORAS NIFT 2018 RANK - 35



HARINI SURESH NIFT 2020 RANK - 41



NIFT 2018 Rank - 42



ANANYA JAIN NIFT 2018 RANK - 46

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KCET NATA RANKS



MRUDHULAA C R KCET 2016 RANK - 1



POORNIMA S NATA 2017 RANK - 2



PRASIDH S BAGAMANE NATA 2020 RANK - 3



NEHA SARAH ABRAHAM NATA 2016 RANK - 3



NIKITA BIJU THOMAS NATA 2019 RANK - 4



DEVYANI RAMAMOORTHY
NATA 2016
RANK - 4



NATA 2020 RANK - 5



NATA 2016 RANK - 5



ANIRUDH SHANKAR NATA 2020 RANK - 6



SUMUKH S NATA 2016 RANK - 6



ANANYA VAIDYANATHAN NATA 2020 RANK - 6



BHUMIKA P B NATA 2018 RANK - 7



ULLAS M NATA 2016 RANK - 7



NATA 2020



SWARNAVALLI NATA 2018 NATA - 8



ADITHI BHANU PRAKASH NATA 2020 RANK - 9



ADITYA KARIYA NATA 2017 RANK - 9



NATA 2018 **RANK - 10**



NATA 2016 RANK - 10



SAMYATHA S NATA 2020 RANK - 11



CHARITHA N REDDY NATA 2020 RANK - 12



MELANIE MARY NATA 2016 RANK - 12



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NATA



PRAMITHA S S NATA 2020 SCORE - 182.5



NATA 2020 SCORE - 177.5



NATA 2020 SCORE - 172



NATA 2020 SCORE - 171.5



PRANAV S KADAMBI NATA 2020 SCORE - 171



POORNIMA S NATA 2020 SCORE - 171



R GAURAV NATA 2020 SCORE - 170.5



LAKSHMI NATA 2020 SCORE - 170.5



ANANYA VAIDYANATHAN NATA 2020 SCORE - 168.5



ANIKETH KRISHNAN NATA 2020 SCORE - 168.5



NATA 2020 SCORE - 168.5



SIMRITHA B S NATA 2020 SCORE - 168



GANESH BS NATA 2020 SCORE - 167



NATA 2020 SCORE - 166



SNEHA S NATA 2020 SCORE - 166



ADITHI BHANU PRAKASH NATA 2020 SCORE - 165



SHREEJA PAGDALA NATA 2020 SCORE - 165



SHRIYA SAPHER NATA 2020 SCORE - 165



VAISHNAVI SURESH NATA 2020 SCORE - 165



RAJAT KAPOOR NATA 2020 SCORE - 164.5



RASHI BISHT NATA 2020 SCORE - 163.5



NATA 2020 SCORE - 163.5



NATA 2020 SCORE - 163



NATA 2020 SCORE - 163

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