राष्ट्रीय डिज़ाइन संस्थान
NATIONAL INSTITUTE OF DESIGN

B.Des./GDPD 2020
DAT Prelims
Test Paper
Part-1

for answers, detailed explanations & 100+ student Sketches
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Question Number 1 to 12 consists of 01 Mark each

Q1. The purpose of Kyoto Protocol is

(A) To promote tourism
(B) To contribute sustainable development
(C) To promote renewable sources of energy
(D) To put a limit on greenhouse gas emissions by states

Q2. Which of the following is not an embroidery tradition of India?

(A) Phulkari
(B) Batik
(C) Kashida
(D) Chamba Rumal

Q3. Identify the form of the painting and the state it is from:

(A) Pattachitra from Bengal
(B) Kalighat painting from Bengal
(C) Pattachitra from Odisha
(D) Mata-ni-Pachhedi from Gujarat

Q4. Guru Nanak's 550th birthday or Jayanthi celebrations in 2019 led to the building and development of which corridor that connects the Gurdwara Darbar Sahib in Pakistan to the Gurdwara Dera Baba Nanak in India?

(A) Sultanpur
(B) Gurdaspur
(C) Gobindpur
(D) Kartarpur

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Q5. Match the brands to the country of their origin and identify the correct set.

1)	2)	3)	4)	5)
Godrej	SAMSUNG	Panasonic	Haier	SIEMENS

(A)	(B)	(C)	(D)
1) India	1) India	1) India	1) India
2) Japan	2) Korea	2) China	2) Korea
3) Korea	3) Japan	3) Korea	3) China
4) Germany	4) China	4) Germany	4) Germany
5) China	5) Germany	5) Japan	5) Japan

Q6. Esther Duflo was awarded the Nobel Prize (2019) in economic sciences with her research partner

(A) Abhijit Banerjee
(B) Avijit Pathak
(C) Avinash Banerjee
(D) Abhijit Sen

Q7. The artist, Ramakant Gundecha who passed away in November this year was an exponent of which genre of Hindustani classical music and for which he is most renowned?

(A) Khayal
(B) Tarana
(C) Thumri
(D) Dhrupad

Q8. Which of the following is not a logo you will find at a petrol pump in India.

(A)	(B)	(C)	(D)
Bharat Petroleum	ओएनजीसी ONGC		हिन्दुस्तान पेट्रोलियम HP

Q9. The ruins of the glorious Vijayanagara empire and a site of historical importance for its architectural style is today found at

(A) Tanjore
(B) Belur
(C) Hampi
(D) Mandu

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Q10. Jaipur foot is

(A) A Footwear brand
(B) A Prosthetic leg
(C) A Tourist Place
(D) A Restaurant

Q11. Six people, P, Q, R, S, T and U are standing in a circle. Q is standing between U and R. P is standing between T and S. U is standing to the left of S. Who is standing between P and U?

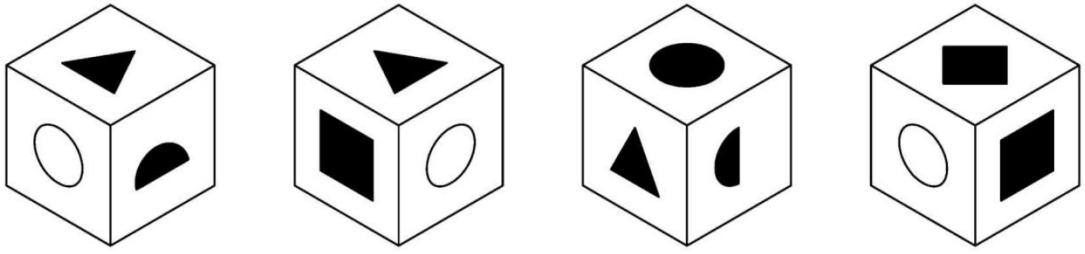
(A) Q
(B) R
(C) S
(D) T

Q12. If X is the father of Y & Y is the mother of Z and Z is the daughter of M, then how is X related to M?

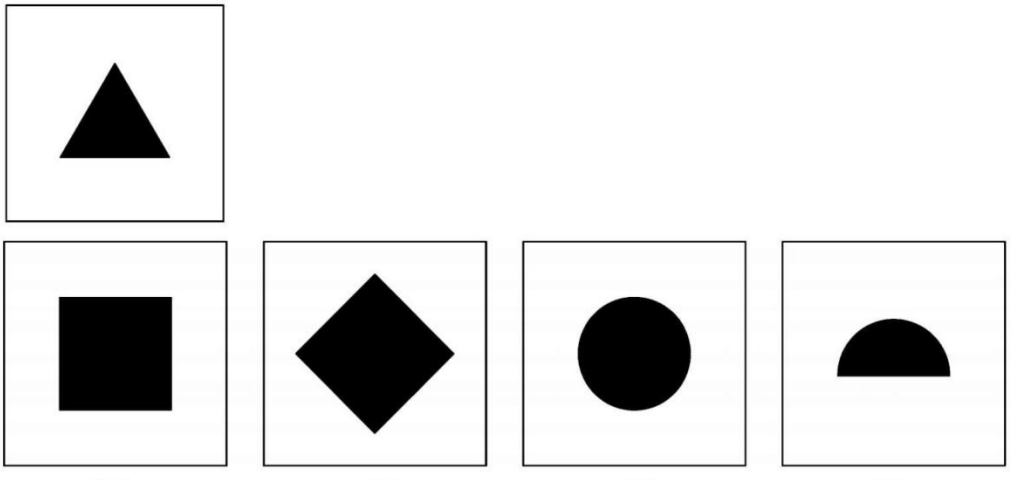
(A) Son-in-law
(B) Father-in-law
(C) Sister-in-law
(D) Brother-in-law

Question Number 13 to 21 consists of 02 Marks each

Q13. Depicted below are four various orientations of the SAME cube:



Select from the options gien below, the face which is located opposite to the face depicting the triangle.



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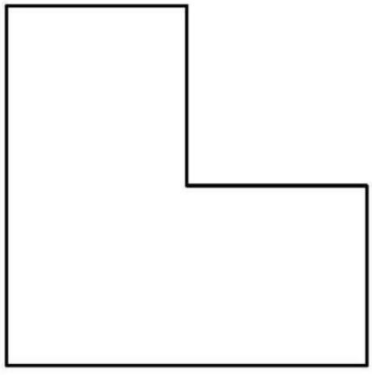
Q14. School Holidays will begin day after tomorrow, following which day is Sunday. The results were declared two days before yesterday. So which day is today and which day were the results declared.

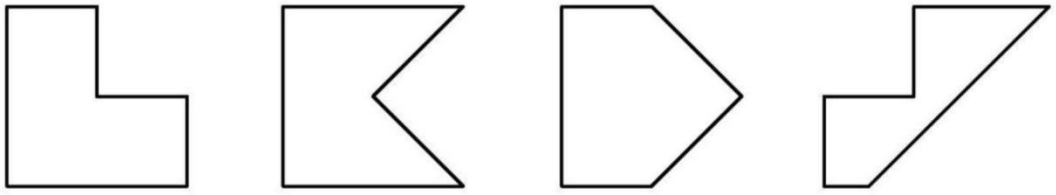
(A) Tuesday & Thursday
(B) Thursday & Monday
(C) Monday & Wednesday
(D) Sunday & Tuesday

Q15. Sonam starts walking one evening and walks towards the South. She then turns to her right and walks five km, then turns left and walks three km, and then again turns left and walks five km. In which direction is she from the starting point?

(A) West
(B) South
(C) East
(D) North

Q16. Which of the given shapes can be used to divide the cake below into 4 equal parts of identical size and shape?





(A) (B) (C) (D)

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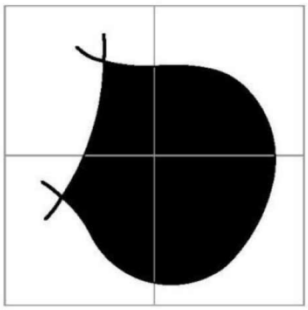
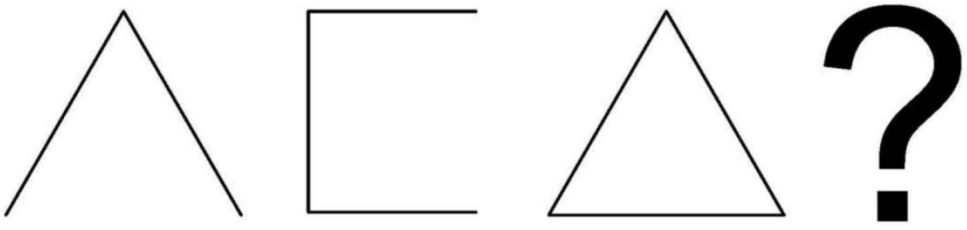
Q17. The completed shape can be made using which 4 tiles, without turning them in any direction. Select the tiles that have been used to create the shape.



(P) (Q) (R) (S) (T) (U)

(A) SQPR
(B) TRPQ
(C) QUPT
(D) TPUQ

Q18. Next the series will be:



(A) (B) (C) (D)

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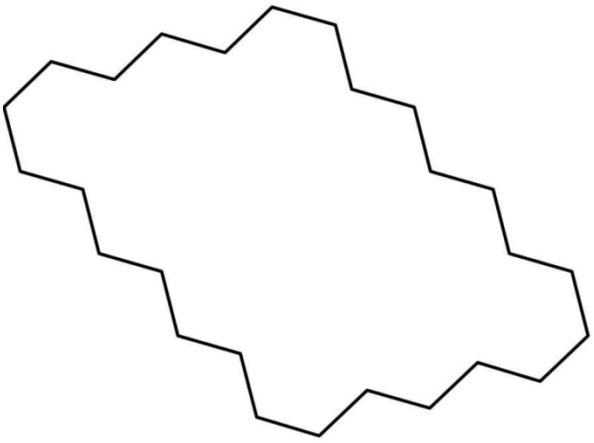
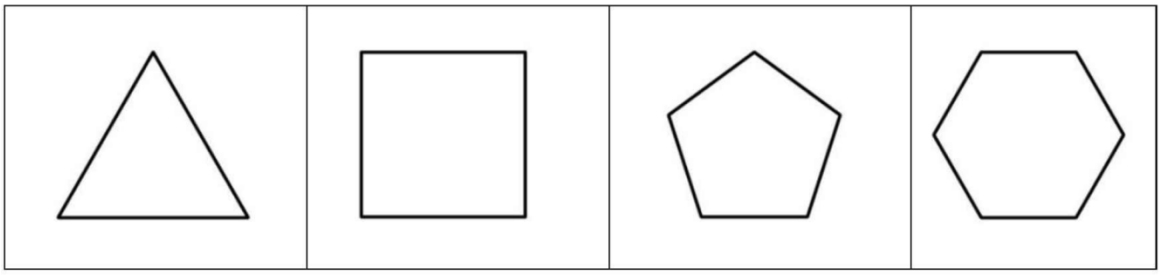
Q19. Shown in the optional images (1), (2), (3), (4) are regular polygons. Which among the two polygons given below will fill the Figure X?

Figure X

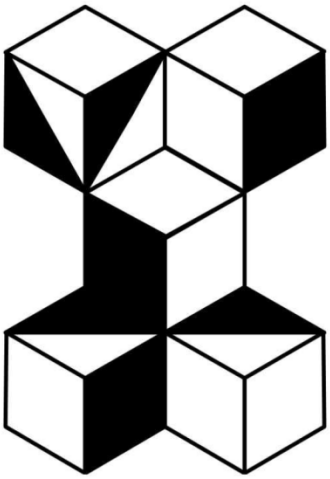




(1) (2) (3) (4)

(A) (1) and (4)
(B) (3) and (4)
(C) (1) and (2)
(D) (2) and (3)

Q20. What percentage of the visible figure is shaded?



(A) 33 %
(B) 45%
(C) 50%
(D) 80%

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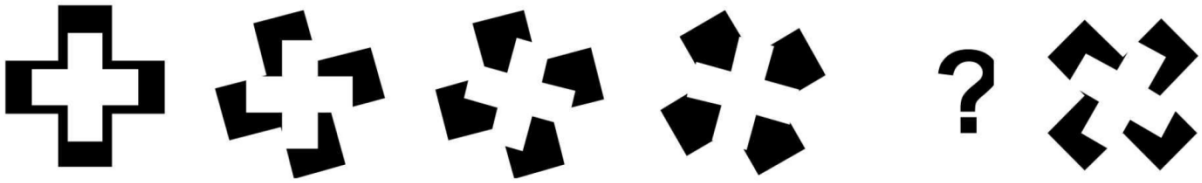
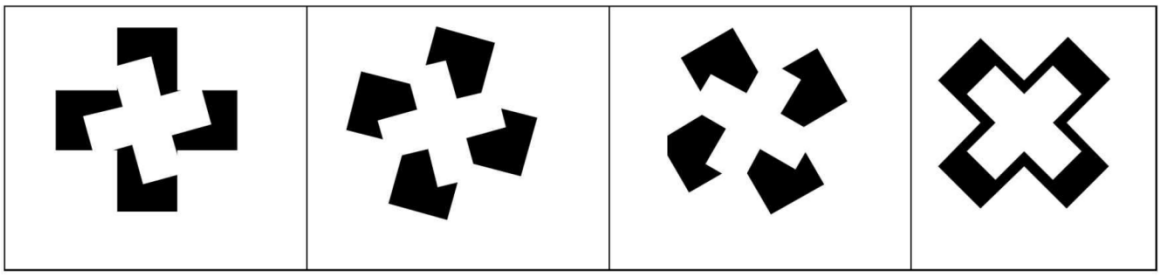
Q21. Choose the image that completes the pattern:



Which of the shapes below continues the sequence?



(A) (B) (C) (D)

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Space for Rough Work

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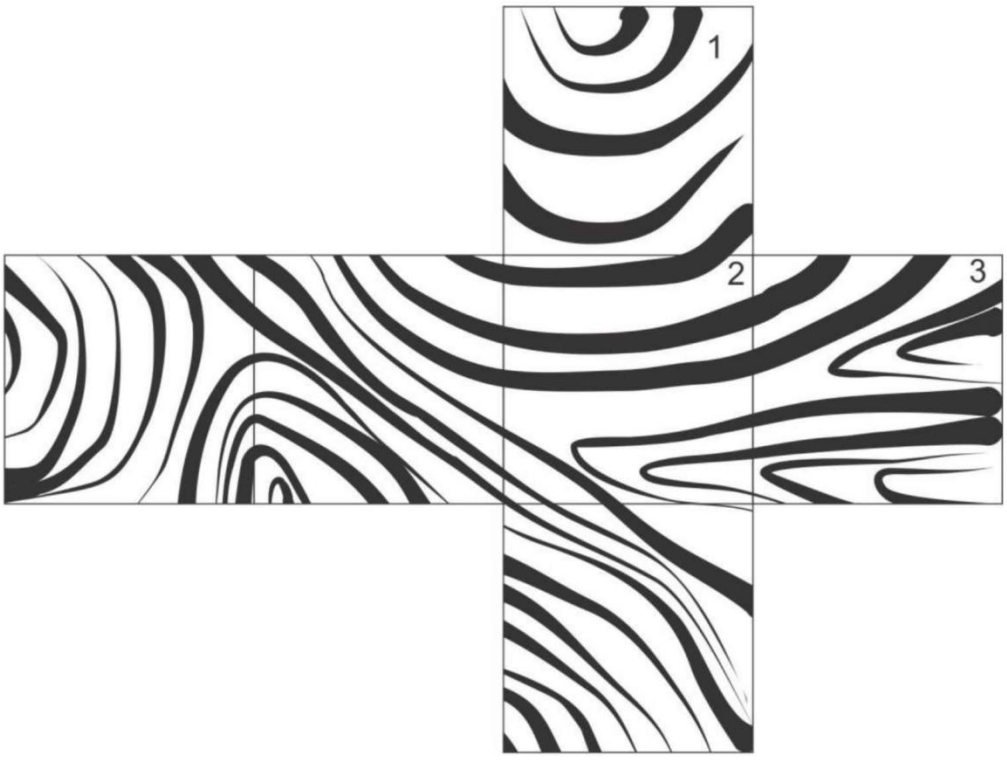
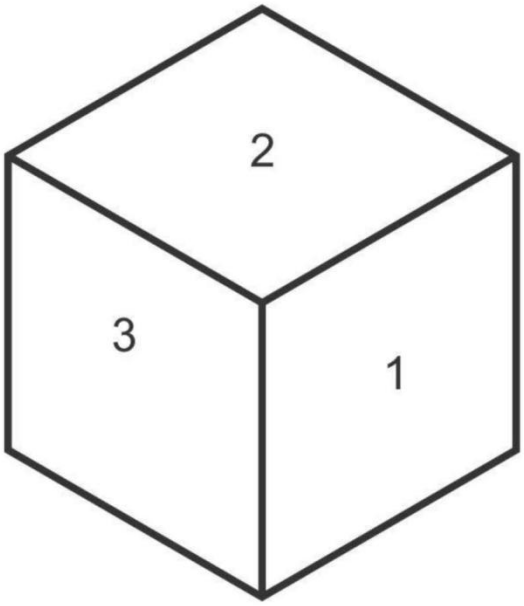
Q22. Draw the given pattern in the 2D cut out surfaces onto the respective surfaces of the 3D cube. (05 Marks)





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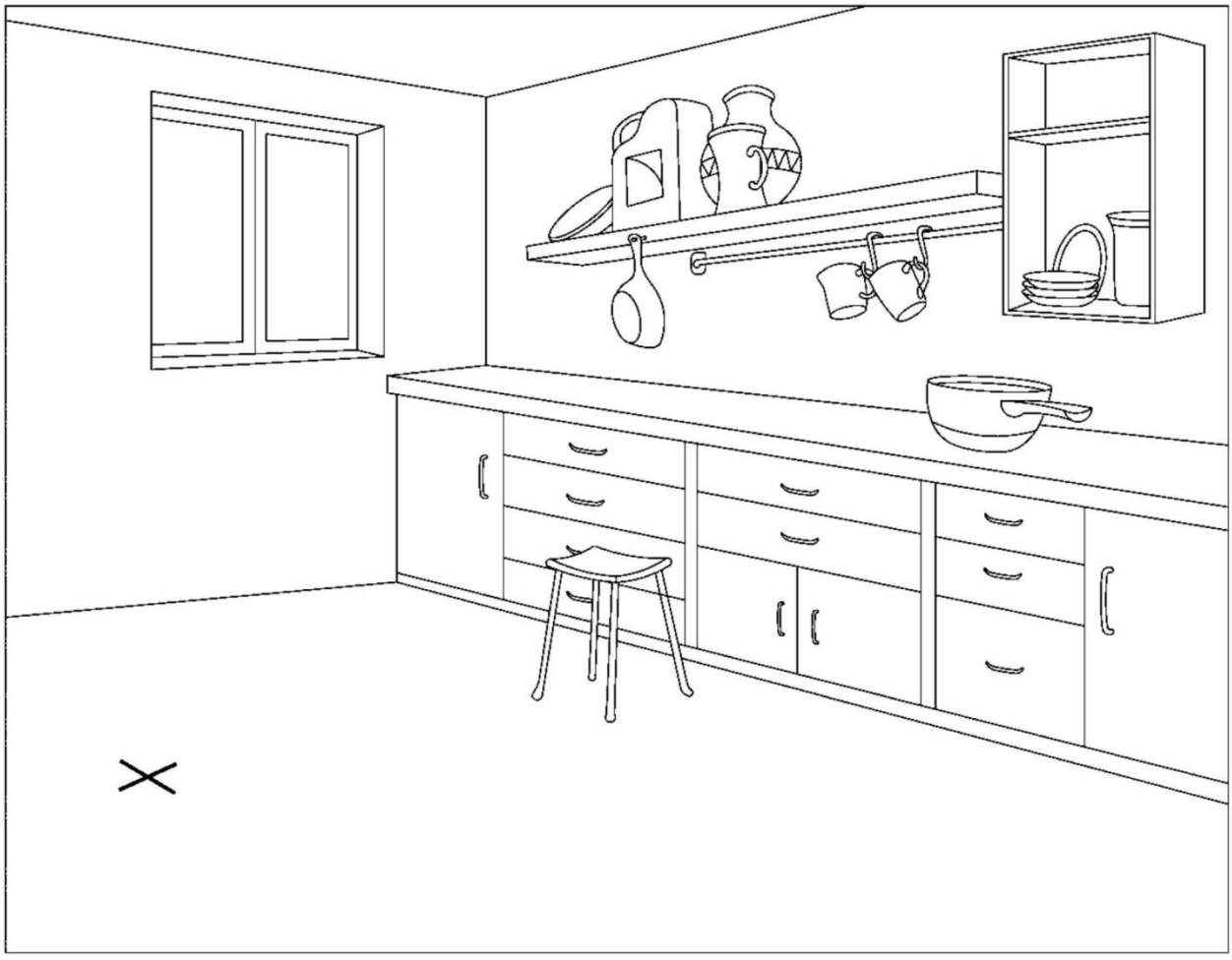
Q23. A drawing of a kitchen in given below. A three year old child enters the kitchen and observes the scenario from the point marked (X) on the floor. Visualize and draw the scene from the child's point of view. (12 Marks)



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Q24. Draw the following story sequentially in the given 3 frames and give a suitable title of the story. (Use only Pencil, do not use color) (13 Marks)

One day a man was sitting under a big Jamun tree and taking rest. Suddenly noticed a great pumpkin creeper nearby. He was thinking the foolishness of God. He thought the God gave such a small fruit to this big tree and such a big pumpkin to this fragile and thin creeper. He thought he would have appreciated God's wisdom, if he would have done otherwise. Even as he was thinking this… A small Jamun fruit fell down on the man's head and startled him. 'O God' he then bowed down and continued to say 'you are right after all. If the big fruit like pumpkin had fallen from such a height, I would surely be dead'.

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Title:_____

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Q25. You have an old bulb. Conceptualise 5 ways in which the bulb can be re-used humorously. Describe in brief and draw your ideas in the space given below. (15 Marks)

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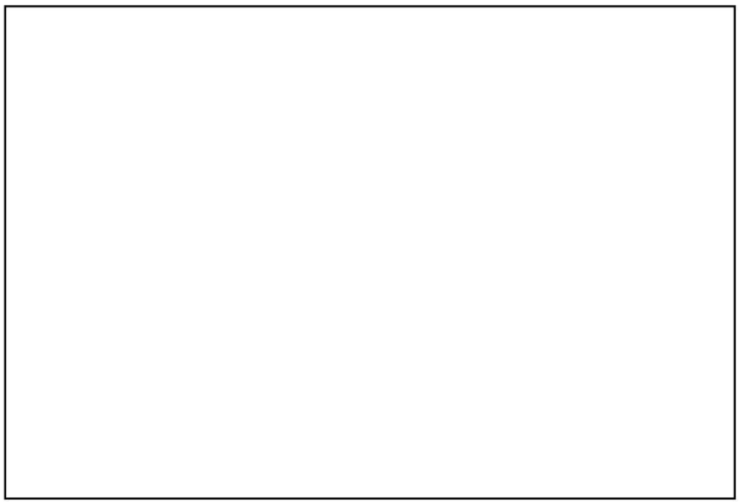

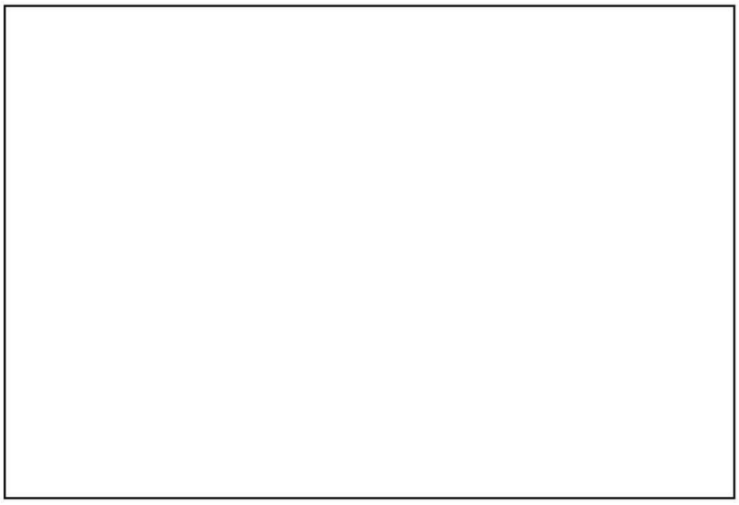

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Q26. Imagine trees have started growing defensive mechanism to prevent themselves from being cut. Conceptualise 3 such defensive mechanisms. Describe in brief and draw the ideas in the space given below. (15 Marks)

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Q27. Rabindranath Tagore once said "Where the mind is without fear and the head is held high, where knowledge is free.". (10 Marks)

Make a poster depicting the above idea along with a tag line.

Tagline:_____

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Space for Rough Work

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Question No	Answer
1	D
2	B
3	B
4	B
5	B
6	A
7	D
8	B
9	C
10	B
11	C
12	B
13	B
14	B
15	B
16	A
17	A
18	C
19	B
20	A
21	C

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NID

BARRI WAHLANG
NID PG 2020
RANK - 01

PRASHANT PRADHAN
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

DEVANSHI KAJANSHI
NID UG 2016
RANK - 04

RHEA ANGELA
NID UG 2018
RANK - 04

RAGHUL SREEDHAR
NID UG 2020
RANK - 05

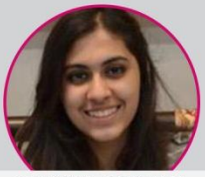
TRISHA AMALERKAR
NID UG 2017
RANK - 05

TUSHAR SHIVAM
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

VRITTI MANGULLEY
NID UG 2019
RANK - 20

KOUSHIK RAM
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

NIDHI L RAO
NIFT 2020
RANK - 27

RHEA MORAS
NIFT 2018
RANK - 35

HARINI SURESH
NIFT 2020
RANK - 41

ANMOL VENKATESH
NIFT 2018
RANK - 42

ANANYA JAIN
NIFT 2018
RANK - 46

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KCET NATA RANKS

MRUDHULAA C R
KCET 2016
RANK - 1

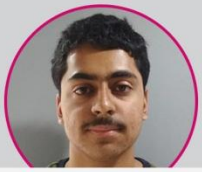
POORNIMA S
NATA 2017
RANK - 2

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



ANIRUDH RAMESH
NATA 2020
RANK - 5

RISHI KUMARAN
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

DISHA DILIP
NATA 2020
NATA - 8

SWARNAVALLI
NATA 2018
NATA - 8

ADITHI BHANU PRAKASH
NATA 2020
RANK - 9

ADITYA KARIYA
NATA 2017
RANK - 9

SHASHANK SHANKAR
NATA 2018
RANK - 10

AISHWARYA P HEGDE
NATA 2016
RANK - 10

SAMYATHA S
NATA 2020
RANK - 11

CHARITHA N REDDY
NATA 2020
RANK - 12

MELANIE MARY
NATA 2016
RANK - 12

DISHA MUKHERJEE
NATA 2018
RANK - 13

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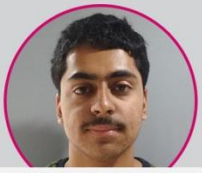
NATA

PRAMITHA S S
NATA 2020
SCORE - 182.5

CHARITHA N REDDY
NATA 2020
SCORE - 177.5



ANIRUDH RAMESH
NATA 2020
SCORE - 172

NITYA MAHESHA
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

DISHA DILIP
NATA 2020
SCORE - 168.5

SIMRITHA B S
NATA 2020
SCORE - 168

GANESH BS
NATA 2020
SCORE - 167

DISHA MUKHERJEE
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

SHRUTHI SUNDER
NATA 2020
SCORE - 163.5

ARPITHA PRASAD
NATA 2020
SCORE - 163

KAKARLA PUNEETHA
NATA 2020
SCORE - 163

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