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CREATIVEEDGE

**NATIONAL INSTITUTE OF DESIGN
PREVIOUS YEAR
QUESTION PAPER 2023**

NATIONAL INSTITUTE OF DESIGN

PAST YEAR PAPER 2023

Question Numbers 1 to 16 consist of 01 Mark each.

1. Which colour has maximum wave length?
(a) Red (b) Yellow
(c) Green (d) Orange
2. Which musical instrument Ustad Bismillah Khan used to play?
(a) Flute (b) Tabla
(c) Shehnai (d) Sarod
3. A glass prism splits white light into different colours. This phenomenon is called dispersion of light by prism. Which one of the following statements is correct?
(a) Red light will deviate the most and it is because of the reflection of light
(b) Violet light will deviate the most and it is because of the refraction of light
(c) Red light will deviate the most and it is because of the refraction of light
(d) Violet light will deviate the most and it is because of the reflection of light
4. India's first fully organic State:
(a) Manipur (b) Rajasthan
(c) Sikkim (d) Meghalaya
5. Which venue is selected for 2024 Olympic Games?
(a) Los Angeles (b) Paris
(c) Sydney (d) Rome
6. 'NITI' in NITI Aayog stands for :
(a) National Index of Transcending Indian
(b) National Institute of Transforming India
(c) National Institution for Tracking Indians
(d) National Institution for Transforming India
7. The pioneer of the silent feature film in India was
(a) K. A. Abbas (b) Satyajit Ray
(c) B.R. Chopra (d) D. G. Phalke
8. Japanese art 'Ikebana' is related to _____.
(a) paper folding (b) flower arrangement
(c) tree cutting (d) sand art
9. The place which is famous for its terracotta craft:
(a) Molela (b) Kaithun
(c) Sanganer (d) Kuchaman
10. In which year was the National Education Policy recently updated
(a) 2019 (b) 2020

- (c) 2021 (d) 2018

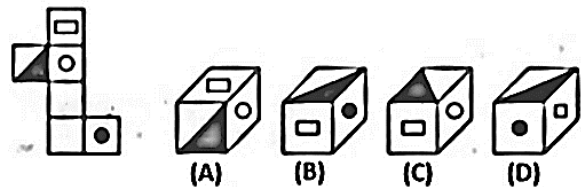
11. In a certain code language, 'MINT' is coded as '224' and 'FANCY' is coded as '245'. How will 'CONTOUR' be coded in that language?

- (a) 259 (b) 597
(c) 301 (d) 742

12. Which of the following cube in the answer figures cannot be made based on the unfolded cube in the question figures.

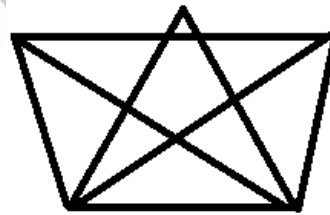
Unfolded Dice

Answer Choices



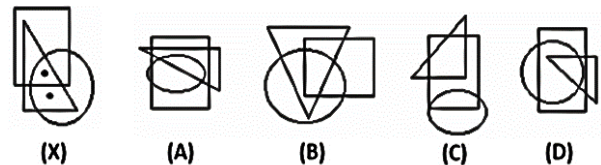
- (a) A (b) B
(c) C (d) D

13. How many triangles in the figure?



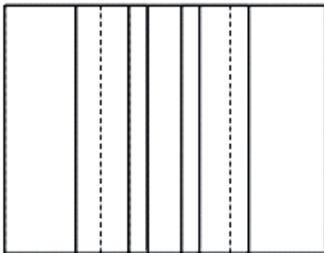
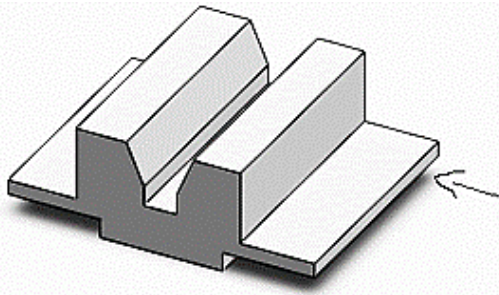
- (a) 16 (b) 19
(c) 10 (d) 25

14. Select the figure which satisfies the same conditions of placement of the dots as in fig. (X).

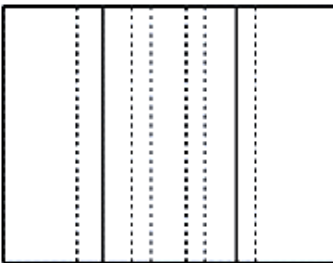


- (a) A (b) B
(c) C (d) D

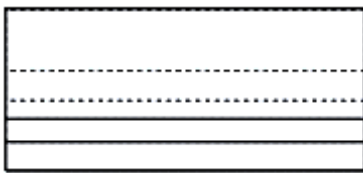
15. Identify the top view of the below given component.



(a)



(b)



(c)



(d)

16. Identify the figure that completes the pattern.



(a) 1

(b) 2

(c) 3

(d) 4

Question Numbers 17 to 28 consist of 02 Mark each.

17. I walk 30 metres in North-West direction from my house and then 30 metres in South-west direction. After this I walk 30 metres in South-East direction. Now, I turn to my house, in what direction am I going?

(a) North-East

(b) North-West

(c) South-East

(d) South-West

Answer – A

Direction (Q.18 and Q.19): In the 16th century, an age of great marine and terrestrial exploration, Ferdinand Magellan led the first expedition to sail around the world. As a young Portuguese noble, he served the king of Portugal, but he became involved in the quagmire of political intrigue at court and lost the king's favor. After he was dismissed from service by the king of Portugal, he offered to serve the future Emperor Charles V of Spain.

A papal decree of 1493 had assigned all land in the New World west of 50 degrees W longitude to Spain and all the land east of that line to Portugal. Magellan offered to prove that the East Indies fell under Spanish authority. On September 20, 1519, Magellan set sail from Spain with five ships. More than a year later, one of these ships was exploring the topography of South America in search of a water route across the continent. This ship sank, but the remaining four ships searched along the southern peninsula of South America. Finally they found the passage they sought near 50 degrees S latitude. Magellan named this passage the Strait of All Saints, but today it is known as the Strait of Magellan.

One ship deserted while in this passage and returned to Spain, so fewer sailors were privileged to gaze at that first panorama of the Pacific Ocean. Those who remained crossed the meridian now known as the International Date Line in the early spring of 1521 after 98 days on the Pacific Ocean. During those long days at sea, many of Magellan's men died of starvation and disease.

Later, Magellan became involved in an insular conflict in the Philippines and was killed in a tribal battle. Only one ship and 17 sailors under the command of the Basque navigator Elcano survived to complete the westward journey to Spain and thus prove once and for all that the world is round, with no precipice at the edge.

18. The 16th century was an age of great _____ exploration.

(a) cosmic

(b) land

(c) mental

(d) common man

19. Magellan lost the favor of the king of Portugal when he became involved in a political _____.

(a) entanglement

(b) discussion

(c) negotiation

(d) problem

20. When the mirror is held at XY, find the exact mirror image of the given question figure from the answer figures?

Question figures:



Answer figures:

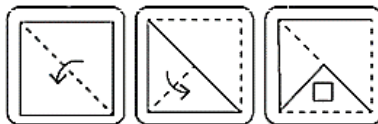


(1) (2) (3) (4)

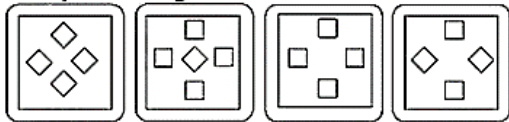
- (a) 2 (b) 4
(c) 3 (d) 1

21. Each of the following question consists of a set of three figures X, Y and Z showing a sequence of folding of a piece of paper. Figure Z shows the manner in which the folded paper has been cut. Choose a figure which most closely resembles the unfolded form of figure Z from the four answer figures given below.

Transparent sheet:



Response figures:



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

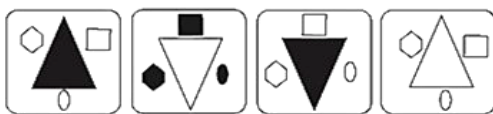
- (a) 1 (b) 2
(c) 3 (d) 4

22. Select the related figure from the given answer figures

Question figures:



Answer figures:

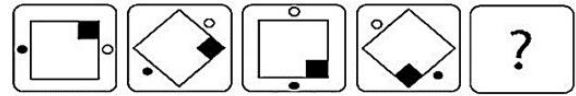


(1) (2) (3) (4)

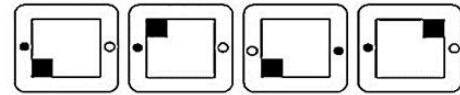
- (a) 1 (b) 2
(c) 3 (d) 4

23. Find the missing figure in the series from the given answer figures.

Question figures:



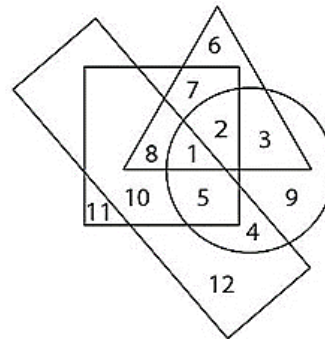
Answer figures:



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

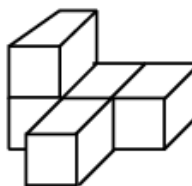
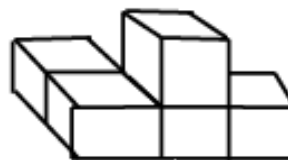
- (a) 1 (b) 2
(c) 3 (d) 4

24. In the above figure, the circle stands for employed, the square stands for social worker, the triangle stands for illiterate and the rectangle stands for truthful. Study the figure and answer the questions which region represents literate, employed people who are neither truthful nor social worker

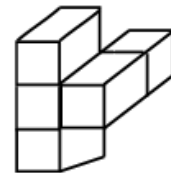


- (a) 11 (b) 4
(c) 9 (d) 10

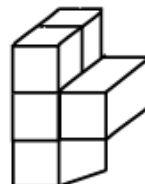
25. The solid so formed by joining unit cubes is rotated to obtain different positions, which of these cannot be the shape after it has turned?



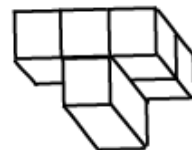
(a)



(b)



(c)



(d)

26. Which of the following figures shown below, when folded along the dotted lines, will form a pyramid shaped box with a rectangular base?



(a)

(b)

(c)

(d)

27. In a study Circle, eight friends P, Q, R, S, T, U, V and W are sitting around a circular table, facing the centre. P sits third to the right of W and third to the left of Q.

S sits second to the right of T. V sits second to the left of R. T is not the neighbour of Q while U is neither a neighbour of T nor of W. Starting from P's position, if all the eight are arranged in alphabetical order in clockwise direction, the seating position of how many members (excluding P) would not change?

- (a) None
- (b) One
- (c) Two
- (d) Three

28. The basic form of a Hindu temple comprises of:

1. Sanctum
2. Mandapa
3. Shikhar

Select the correct answer from the codes given below:

- (a) Only 1 and 2
- (b) Only 1 and 3
- (c) Only 2 and 3
- (d) All of the above



ANSWER KEY

1.	a	2.	c	3.	b	4.	c	5.	b	6.	d	7.	d	8.	b	9.	a	10.	b
11.	d	12.	a	13.	d	14.	b	15.	a	16.	c	17.	a	18.	b	19.	a	20.	d
21.	c	22.	b	23.	c	24.	c	25.	b	26.	d	27.	b	28.	c				

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NATA 2024



PRANAYA PRADIP PAWAR
CEPT

NATA 2023



VASUDHA GUPTA
CEPT

NATA 2022



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VIPIN
IIT BOMBAY

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IIT ROORKEE

UCEED 2022



AYUSHMAAN PANIKA
NID Ahmedabad

NID 2024



ARYAN GUPTA
NID AHMEDABAD

NID 2023



SAKSHI AGARWAL
NID AHMEDABAD

NID 2022



SHRADHA SUMAN
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NIFT 2024



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NIFT 2022



VANSHIKA SHRIVASTAV
SPA DELHI

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SPA DELHI

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TAHER BELGAUMWALA
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