




Manipal School of Architecture and Planning

Manipal University, Manipal – 576 104, Karnataka, India.



Design Ability Test

4X15=60 Marks

1. Use the  shape and draw two different motifs/designs in box 1 and box 2 respectively. Explain the concept used in boxes 3 and 4 respectively. (Note: No restriction on size, repetition and overlapping of the shape given)

Box 1	Box 2
Box 3	Box 3

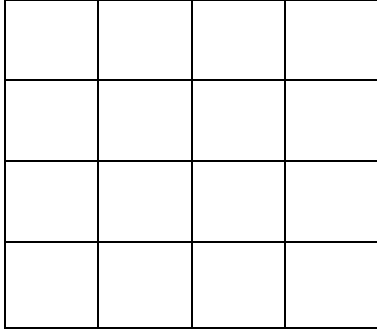


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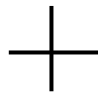
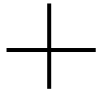
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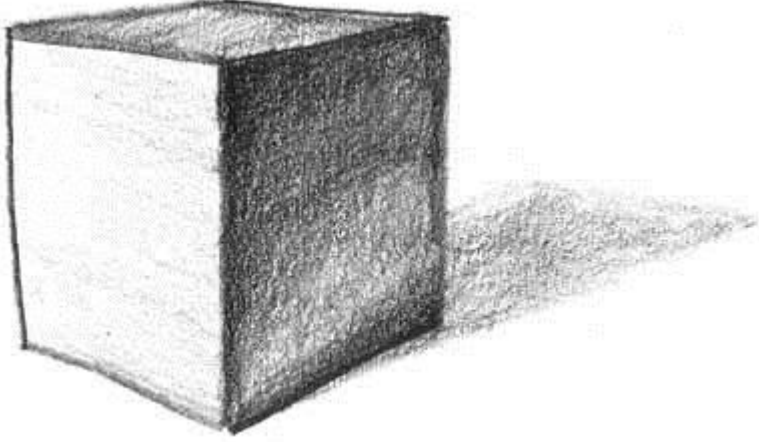
2. A 4X4 grid is given below.



Draw a similar 6X6 grid within/connecting the four + marks given below. Use free hand drawing only.



3. Observe the cube given below.



Draw a similar cube free handed (without the use of ruler) in box 1 and shade it.

Box 1



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4. Draw the pencil that you are using in box 1. Enlarge any part of the pencil in box 2 (give importance to the detailing).

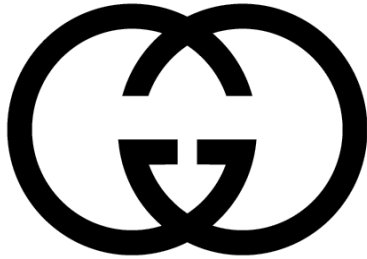
Box 1

Box 2

General Knowledge

15X1=15

1. The logo given below represents _____ designer label.



A. Hubert James Marcel Taffin de Givenchy

B. Guccio Gucci

C. Giorgio Armani

D. Dolce and Gabanna

2. Identify the primary colours.

A. Yellow, Red, Blue

B. Red, Green, Blue

C. White, black, gray

D. Yellow, Green, Red

3-5. Identify the following logos:



3. _____



4. _____



5. _____

6. Identify the state to which the given image belongs to:



A. Bengal

B. Tamil Nadu

C. Orissa

D. Kerala

7. Identify the monument given below:



A. Mysore palace

B. Hawa Mahal

C. Charminar

D. Qutub Minar

8. Identify the politician given below who is also the youngest chief minister of Uttar Pradesh.



A. Jyotiraditya Scindia

B. Akhilesh Yadav

C. Sachin Pilot

D. Milind Deora

9. _____ city is known as 'Electronic City of India'.

A. Hyderabad

B. Gurgaon

C. Bangalore

D. Mumbai

10. Which among the following is the oldest monuments?

A. Taj Mahal

B. Ajanta Caves

C. Khajurah

D. Hawa Mahal

11. Madhubani is a style of folk painting. This is popular is in _____ state of India.

A. Bihar

B. Andhra Pradesh

C. Uttar Pradesh

D. Assam

12. Hitler party which came into power in 1933 is known as _____.

A. Nazi party

B. Democratic party

C. Secular party

D. Labour party

13. 'Wings of Fire' is an autobiography of _____.

A. Atal Bihari Vajpayee

B. Jawaharlal Nehru

C. Mahatma Gandhi

D. Dr. A.P.J. Abdul Kalam

14. The 'Cannes Award' is given for excellence in _____ field.

A. Journalism

B. Painting

C. Films

D. Literature

15. Which key comes after A, S, D on the standard keyboard?

A. F

B. K

C. Q

D. L

Communication Skills

10X1=10 Marks

1-5 Directions: Fill in the blanks with appropriate words/phrases.

1. He took up the letter from the table and _____ it to his friend.

- A. Was reading B. Has been reading C. Has read D. Read

2. The ship with all its crew _____ lost after the terrible storm.

- A. Were B. Has C. Have D. Was

3. There is no culture in the world _____ absolutely pure.

- A. That which is B. That which C. That is D. That what is

4. His boss _____ an explanation of his conduct with his colleagues.

- A. Called up B. Called upon C. Called for D. Called off

5. He _____ to be sharper than all his brothers and sisters.

- A. Turned off B. Turned down C. Turned up D. Turned out

6-10 Directions: Read the passage given below and answer the questions that follow:

It is undesirable that some useful analogies can be drawn between relation systems of computer mechanism and relational system of brain mechanism. The comparison does not depend upon any close resemblance between the actual mechanical links which occur in the brain and computers; it depends on what the machines do. Furthermore, brains and computers can both be organised so as to solve problems. The mode of communication is very similar in both cases, so much so that computers can now be designed to generate artificial human speech and even, by accident, to produce sequences of words which human beings recognise as poetry. The implication is not that machines are gradually human forms, but that there is no sharp break of continuity between what is human and what is mechanical.

6. The similarity between human brain and the computer could be categorised as _____

- A. Structural B. Intellectual C. Functional D. Imaginary

7. Computers are able to perform many functions similar to those performed by the human brain only because;

- A. Modern man is more mechanical than human
- B. The brain of modern man has shrunk in size
- C. The sophisticated computer mechanisms have outdone human faculties
- D. The processes of programming and communications are similar in both cases
8. The prime object of the author is to;
- A. Show the decadence of man's intellectual aspirations
- B. Exhort scientists to introduce mechanics of the human brain in the computer
- C. Draw a parallel between the working of the human brain and the computer
- D. Highlight points of dissimilarity between the human brain and the computer
9. The human brain is not dissimilar to the computer in;
- A. Its faculty to compose poetry
- B. Its structure
- C. Its method of communication
- D. Its capacity to generate natural speech
10. The author states that computers are capable of producing sequence of words which can be recognised as poetry. He implies that;
- A. This cannot really be given the status of true poetry
- B. The concept of true poetry has undergone a thorough change in modern times
- C. The similarity between true poetry and computer poetry is striking
- D. Programmed computers are a challenge to the human brains

Reasoning Ability

15X1=15 Marks

1. In certain code 'GONE' is written as '5%2#' and 'MEDAL' is written as '4#38@'. How is 'GOLD' written in that code.

- A. 5@%3 B. 5%@3 C. 5#@3 D. 5%#3

2. The position of how many digits in the number 89154326 will remain unchanged after the digits within the numbers are rearranged in descending order.

- A. None B. Two C. Three D. More than three

3. Find the missing number from the response given below:

36, 28, 24, _____

- A. 23 B. 22 C. 21 D. 20

4. Which among the following word cannot be made using the letters of the given word/set of letters?

INDETERMINATE

- A. DETERMINE B. REMINDER
C. RETINA D. INTERMENT

5. If the day after tomorrow is Sunday, what day was tomorrow's day before yesterday.

- A. Friday B. Thursday C. Monday D. Tuesday

6. Find the odd word from the given response.

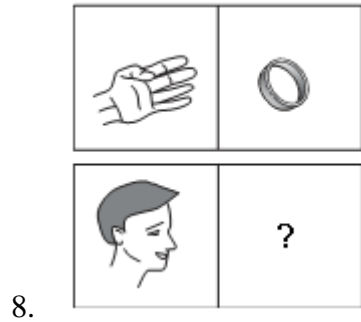
- A. Room B. Chamber C. Veranda D. Cabin


7. Select the related word from the alternatives given.

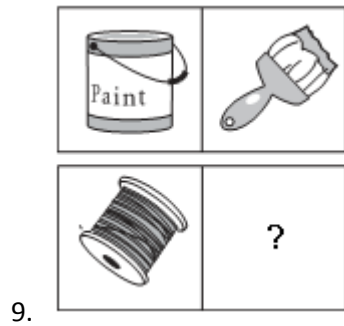
Flexible: Rigid :: Brave: ?

- A. Diffidence B. Indifference C. Coward D. Scare

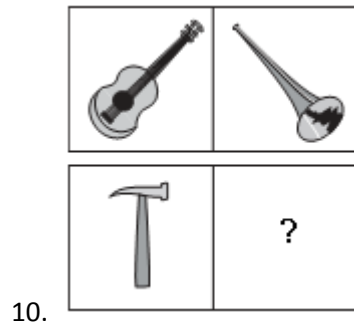
8-10 Directions: Choose the relevant picture that could be added to the empty box so that the two bottom pictures are related in the same way as the pictures given in the top.

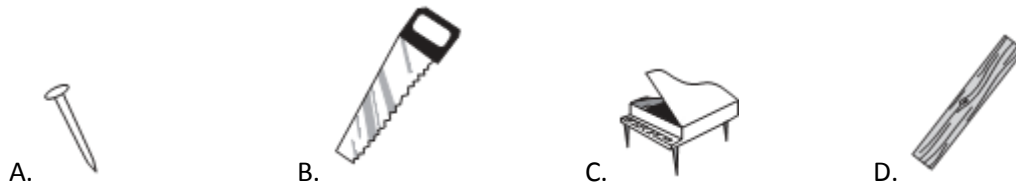


- A.  B.  C.  D. 



- A.  B.  C.  D. 





11-15. Given below are the symbols with an incomplete sequence. Complete the sequence with the correct pattern to replace ‘?’.

