



JET-The D-School Entrance Test - Sampler

Time 2 Hours (120 Minutes)

Total Number of Questions to be Answered & Total Marks	Section A.1:	(10 X 1 Marks each) =	10 Marks
	Section A.2:	(10 X 1 Marks each) =	10 Marks
	Section A.3:	(10 X 1 Marks each) =	10 Marks
	Section B:	(10X4 Marks each) =	40 Marks
	Section C:	(2 X 15 Marks each) =	30 Marks
	Total Marks		

Instructions to the Candidates (Please read the instructions carefully)

1. The Question Paper consists of 3 Sections, (Section A, B and C) - time allocated is 2 hrs. (120 mins) breakup as under.

a) Section A – 30 marks - 40 mins

1. Section A.1 – General Knowledge – 10 mins
2. Section A.2 – Basic Mathematics – 10 mins
3. Section A.3 – Basic Science – 10 mins

b) Section B – 40 marks - Creative Aptitude (Part 1) - 40 mins

c) Section C – 30 marks - Creative Aptitude (Part 2) - 40 mins

2. All the questions in Section A (1, 2, 3) and Section B are MCQ's. Section C is a drawing section.

3. Section A will have 45 questions from which one will have to answer 30 questions only, 10 in each section. Total= 30 Marks

Section A.1 – General Knowledge - (10 X 1 Marks each) = 10 Marks

Section A.2 – Basic Mathematics - (10 X 1 Marks each) = 10 Marks

Section A.3 – Basic Science - (10 X 1 Marks each) = 10 Marks

4. Section B - Creative Aptitude (Part 1) - Logical Perception, will have 10 questions. All would have to be answered. (10X4 Marks each) = 40 Marks
5. Section C - Creative Aptitude (Part 2) – Scenario Visualization, will have 2 questions. Both would have to be answered. (2X15 Marks each) = 30 Marks
6. Some prerequisites for Section C –

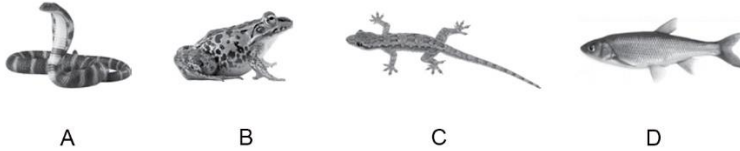
You must have 2 A4 sized copier sheets for drawing. Please follow the instructions for the format as given with each question. You are only allowed to use your Geometry Box, Pencil Sketching Sets, Sets of B/W Pencils, Colour Pens etc. – i.e., relevant drawing items and tools to answer Section C

Section A.1 - General Knowledge: 5 questions are given as examples

Answer any 10 Questions Total Marks 10 X 1 = 10

Time 10 Mins (for your reference)

1. Select the odd one out on the basis of their body covering.



2. Which of these films was not directed by Ashutosh Gowariker?

- a. Swades
- b. Dangal
- c. Jodha Akbar
- d. Lagaan

3. Self-thinking helps in

- a. Planning
- b. Decision making
- c. Introspection
- d. All of these.

4. Which country has been declared as the happiest country in the world as per the United Nation's World Happiness Report?

- a. Norway
- b. USA
- c. China
- d. Finland

5. Foreign phrases are commonly used in English literature and in everyday speech. What is the meaning of 'ipso facto'?

- a. Method of operating
- b. Dead end
- c. By the fact itself
- d. Unlimited authority

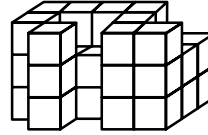
Section A.2 – Basic Mathematics: 5 questions are given as examples

Answer any 10 Questions Total Marks 10 X 1 = 10

Time 15 Mins (for your reference)

1. Count the number of cubes in the given figure –

- a. 33
- b. 34
- c. 35
- d. None of these



2. In the given clock, if the minute hand rotates 270° anti-clockwise, then in which direction will it point?

- a. North-West
- b. East
- c. West
- d. South East



3. Add the 4th multiple of 52 and the 8th multiple of the value obtained is 700 less than ♣. Find the value of ♣.

- a. 1400
- b. 504
- c. 968
- d. 1204

4. Read the given statements carefully and state 'T' for True and 'F' for False.

- a. While writing a number in Indian System of numeration, commas are inserted after each digit.
- b. There is no roman numeral to represent 0.
- c. Greatest 6-digit odd number that can be formed using the digits 8, 3, 0, 2, 4 and 5 (using each digit only once) is 854023.

	(i)	(ii)	(iii)
a.	T	F	T
b.	F	T	T
c.	T	F	F
d.	F	T	F

5. To have fun, Pedro and William decided to have a paintball fight. Pedro told William, "It is not fair, you have thrice the bullets than I have". William agreed and give Pedro 10 of his bullets. Pedro shouted, "It is still not right as you still have twice the bullets".

How many bullets more should William give to Pedro to have a fair fight?

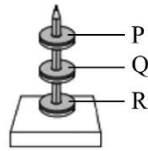
- a. 20 more
- b. 25 more
- c. 18 more
- d. 26 more

Section A.3 – Basic Science: 5 questions are given as examples

Answer any 10 Questions

Total Marks = 10 X 1 = 10 Time 15 Mins

1. The diagram below shows 3 ring magnets, P, Q and R. Identify the poles of P, Q and R

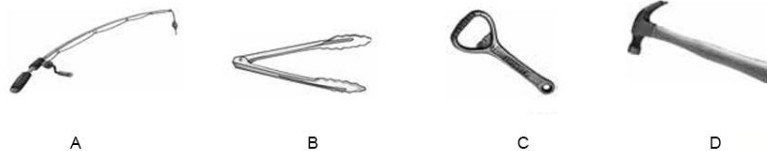


- | | P | Q | R |
|----|-------|-------|-------|
| a. | North | North | North |
| b. | North | North | South |
| c. | South | North | South |
| d. | South | North | North |

2. Three glasses X, Y and Z having equal amount of water were taken at room temperature and equal amount of sugar was added to each one of them. After that, X was cooled, Y was heated and Z was left undisturbed. If tasted immediately, water will be sweetest in which glass?

- a. X
- b. Y
- c. Z
- d. All would taste the same

3. Which of the following is a second class lever?



4. At a certain time of the day, the temperature over land is 21°C while the temperature over sea is 36°C. At this time _____.

- a. The air pressure is lower over land than that over Sea
- b. Breeze will flow from land towards the Sea
- c. Breeze will flow from sea towards the Land
- d. None of these

5. Which of the following statements is incorrect?

- a. Linen is obtained from plants and absorbs water well.
- b. Plastics conduct electricity very well, hence most electrical wires have a plastic casing
- c. Evaporation is faster when the surface area is larger.
- d. Copper vessels lose their shine over time due to the action of air and moisture on them

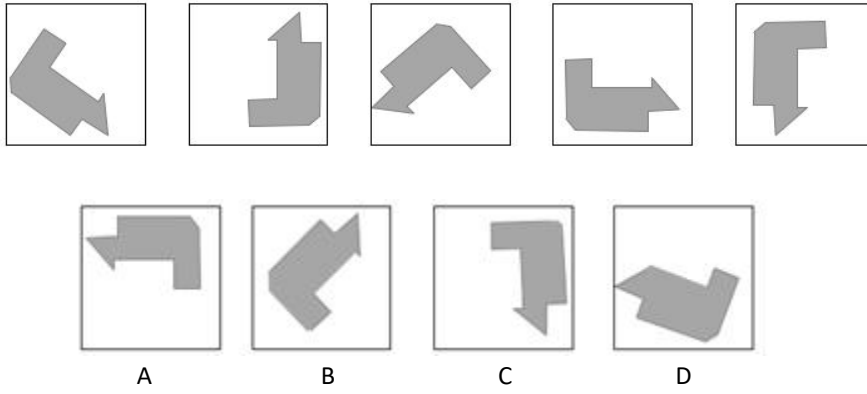
Section B – Creative Aptitude (Part 1) - Logical Perception: 3 questions are given as examples

Answer all Questions

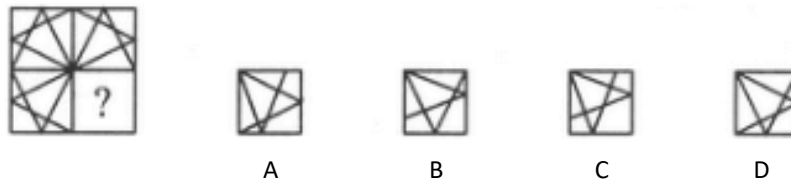
Total Marks = 10 X 4 marks = 40

Time 40 Mins

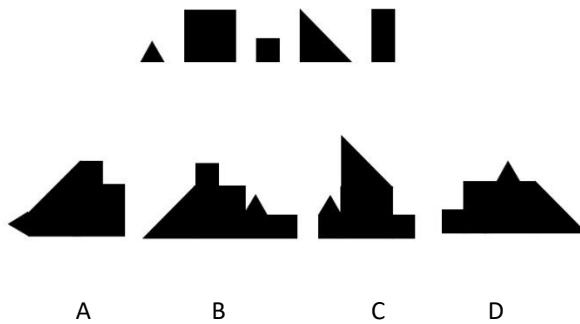
1. Which box contains the same shape as the top series?



2. Identify the figure that completes the pattern



3. Which of these shapes cannot be created using the individual shapes below?



Section C – Creative Aptitude (Part 2) - Scenario Visualization: 2 questions are given as examples

Answer both Questions Total Marks = 2 x 15 marks = 30 Time 40 Mins

Please draw a format of 7.5-inch X 10-inch using your ruler and pencil in an A4 size copier paper and illustrate the following within it.

- 1. Design a cutlery set (spoon, fork and knife) for someone who does not have both thumbs.**
- 2. Draw yourself having your breakfast sitting on the dining table such that a part of the kitchen is visible in the background.**

Answers to the Sampler -

Sl.No	General Knowledge	Basic Mathematics	Basic Science	Creative Aptitude (Part 1) - (Logical Perception)
1	B	C	C	A
2	B	B	B	D
3	D	D	C	C
4	D	D	B	
5	C	A	B	

