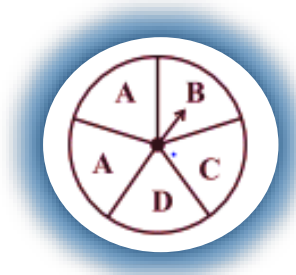
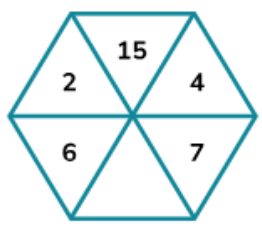


INDIAN SCHOOL AL WADI AL KABIR
Class VIII, Mathematics
WORKSHEET-1(2025-26)
DATA HANDLING

Multiple Choice Questions

Q.1.	The probability of a sure event is:							
	A	0	B	1	C	-1	D	0.5
Q.2.	The Probability of the pointer stopping on the sector A is: 							
	A	$\frac{1}{4}$	B	$\frac{1}{5}$	C	1	D	$\frac{2}{5}$
Q.3.	The graph shows the relationship between a whole and its parts.							
	A	Pictograph	B	Bar graph	C	Pie chart	D	Histogram
Q.4.	Which of the following cannot be the probability of an event?							
	A	1	B	0	C	$\frac{1}{2}$	D	$\frac{3}{2}$
Q.5.	In a Pie chart the size of each _____ is proportional to the activity or information it represents.							
	A	Segment	B	Sector	C	Diameter	D	Radius
Q.6.	Which number could be added to this spinner to make it more likely that the spinner will land on an odd number than a prime number? 							
	A	3	B	9	C	5	D	11

LONG ANSWER QUESTIONS:

Q.7. The number of students admitted in different faculties of a college are given below:

Faculty	Commerce	Arts	Science	Law	Computer	Total
Number of students	450	300	1200	1000	650	3600

Represent the above information by a pie- chart.

Q.8. There are 720 books in a library. The following pie chart represent the number of books in each category. Answer the following questions based on the pie chart given:

- (i) How may novels be there in the library?
- (i) Which type of books are read the most?
- (ii) Which two types of books have number of readers equal to those readers for fictions?

The books available in a Library



Q.9. A bag contains 120 coloured bangles represented by the following table. Draw a pie chart to show this information.

Colour	Number of bangles
Red	12
Yellow	30
Blue	24
Green	36
White	18

Q.10. **CASE STUDY-1:**
Numbers 1 to 10 are written on ten separate slips (one number on one slip), kept in a box and mixed well. One slip is chosen from the box without looking into it. At this context answer the following questions:

- a) getting a number 6?
- b) getting a number less than 6?
- c) getting a number greater than 6?
- d) getting a 1-digit number?

