

By. Er. Dharmendra Sir

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DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

DATA HANDLING

SESSION -2024-25

CLASS - 8th

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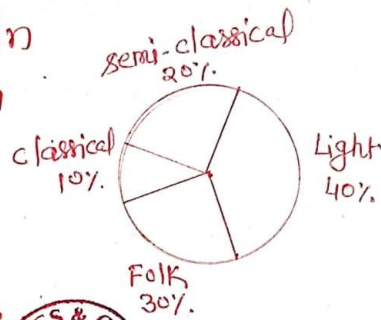
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Time : 1 hr -: Data Handling :-

mm!

Q. 1. A Survey was made to find the type of music that a certain group of young people liked in a city. Adjoining pie chart shows the findings of the survey.



From this pie chart answer the following :



(i) If 20 people liked classical music, how many young people were surveyed?

(ii) Which type of music is liked by the maximum number of people?

(iii) If a cassette company were to make 1000 CD's, how many of each type would they make?

Q. 2. The number of students in a hostel, speaking different languages is given below. Display the data in a pie chart.



Language	Hindi	English	Marathi	Tamil	Bengali	Total
No. of students	40	12	9	7	4	72

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Q. 3. A group of 360 people were asked to vote for their favourite season from the three seasons rainy, winter and summer.

Season	No. of votes
Summer	90
Rainy	120
Winter	150

- (i) Which season got the most votes
 (ii) Find the central angle of each sector
 (iii) Draw a pie chart to show this information.

Q. 4. When a die is thrown, list the outcomes of an event of getting:

- (i) a prime number (ii) not a prime number
 (iii) a number greater than 5
 (iv) a number not greater than 5

Q. 5. If you have a spinning wheel with 3 green sectors, 1 blue sector and 1 red sector. What is the probability of getting a green sector? What is the probability of getting a non blue sector?

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