Ujian 15 UASA

BAB 12

Tarikh : _____

Pengendalian Data

Data Handling

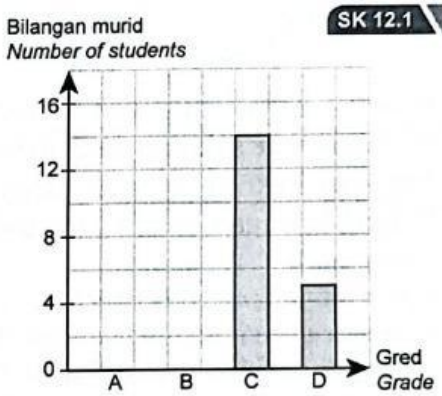
Skor /30

Bahagian A

1. Suatu tinjauan dijalankan terhadap jisim, tinggi, markah dan jantina sekumpulan murid. Antara berikut, yang manakah merupakan data kategori? SK 12.1 TP1
A survey was conducted on the mass, height, mark and gender of a group of students. Which of the following is categorical data?
   A Jisim murid
   Masses of the students
   B Tinggi murid
   Heights of the students
   C Markah murid
   Marks of the students
   D Jantina murid
   Genders of the students

2. Suraya ingin mewakilkan markah ujian Matematik murid lelaki dan murid perempuan bagi empat kelas Tingkatan 1 dengan suatu perwakilan data. Antara berikut, yang manakah perwakilan data yang sesuai digunakan? SK 12.1 TP2
Suraya wants to represent the Mathematics test scores of male students and female students in four Form 1 classes using a data representation. Which of the following is the appropriate data representation to use?
   A Carta palang berpasangan
   Dual bar chart
   B Carta pai
   Pie chart
   C Graf garis
   Line graph
   D Plot titk
   Dot plot

3. Rajah di bawah ialah carta palang yang menunjukkan gred ujian Sains bagi 40 orang murid. Bilangan murid yang mendapat gred A dan gred B tidak ditunjukkan dalam carta palang.
The diagram below is a bar chart showing the grades in a Science test of 40 students. The numbers of students who get grade A and grade B are not shown in the bar chart. SK 12.1 TP3



Diberi 30% daripada murid itu mendapat gred B. Hitung beza antara bilangan murid yang mendapat gred A dengan gred B.
Given that 30% of the students get grade B. Calculate the difference between the numbers of students who get grade A and grade B.
   A 2 **C** 5
   B 3 **D** 6

4. Carta pai dalam rajah di bawah menunjukkan jenis buah-buahan yang ditanam di sebuah kebun. SK 12.1 TP3
The pie chart in the diagram below shows the types of fruits cultivated in an orchard.

© Penerbitan Pelangi Sdn. Bhd.

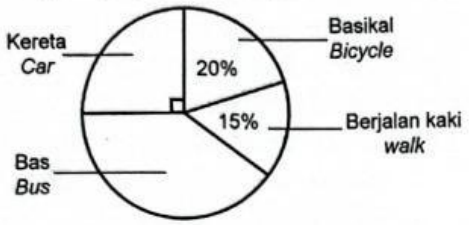
LIVEWORKSHEETS

Cari pecahan yang mewakili bilangan pokok durian.
Find the fraction of durian trees.

A $\frac{1}{3}$ **C** $\frac{3}{8}$

B $\frac{1}{4}$ **D** $\frac{4}{9}$

5. Rajah di bawah ialah carta pai yang menunjukkan cara sekumpulan murid pergi sekolah. SK 12.1 TP3
The diagram below is a pie chart showing how a group of students go to school.



Diberi beza bilangan murid yang berbasikal ke sekolah dengan murid yang berjalan kaki ke sekolah ialah 8 orang. Hitung bilangan murid yang manaiki bas ke sekolah.
Given the difference between the numbers of students who cycle to school and the students who walk to school is 8. Calculate the number of students who take the bus to school.

A 52 **C** 64

B 56 **D** 68

6. Plot batang-dan-daun dalam rajah di bawah menunjukkan umur bagi sekumpulan pelancong. SK 12.1 TP3
The stem-and-leaf plot in the diagram below shows the ages of a group of tourists.

Umur Sekumpulan Pelancong
Ages of a Group of Tourists

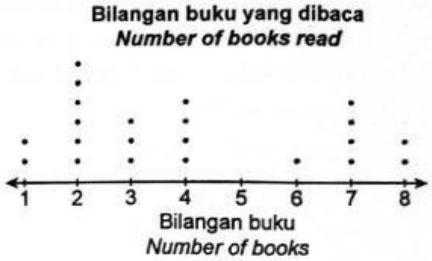
Batang *Stem*	Daun *Leaf*				
1	3	5	7		
2	2	5	6	8	9
3	7	8	9	9	
4	2	3	5		
5	0	2	3	4	
6	2	3			
7	1	2			

Kekunci: 1 | 3 bermakna 13 tahun
Key: 1 | 3 means 13 years

Hitung bilangan kumpulan pelancong itu.
Calculate the number of tourists in the group.

A 24
B 23
C 22
D 18

7. Plot titik dalam rajah di bawah menunjukkan bilangan buku yang dibaca oleh sekumpulan murid semasa cuti sekolah.
The dot plot in the diagram below shows the number of books read by a group of students during the school holidays. SK 12.1 TP3



Cari bilangan murid yang membaca sekurang-kurangnya 3 buah buku.
Find the number of students who read at least 3 books.

A 8 **C** 14

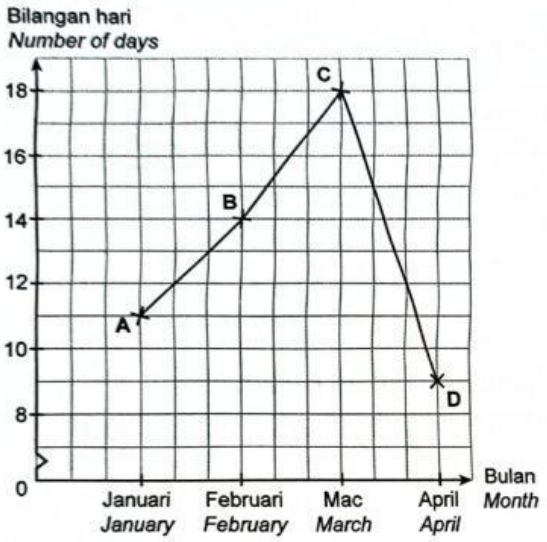
B 11 **D** 19

8. Jadual di bawah menunjukkan bilangan hari Encik Suhaimi bekerja untuk empat bulan. Rajah berikut ialah graf garis yang mewakili data dalam jadual tersebut.
The table below shows the number of days that Encik Suhaimi worked for four months. The following diagram is a line graph that represents the data in the table. SK 12.1 TP3

Bulan ***Month***	**Bilangan hari** ***Number of days***
Januari /*January*	卌 卌 |
Februari / *February*	卌 卌 ||||
Mac / *March*	卌 卌 卌 |||
April / *April*	卌 |||

© Penerbitan Pelangi Sdn. Bhd.

LIVEWORKSHEETS



Antara titik **A**, **B**, **C** dan **D**, yang manakah telah diplot salah pada graf?
Which of the points **A**, **B**, **C** *or* **D**, *is wrongly plotted in the graph?*

LIVEWORKSHEETS