

PENYERAPAN

ABSORPTION

SOALAN SUBJEKTIF
SUBJECTIVE QUESTIONS

A Kenal pasti dan kelaskan bahan yang menyerap air dan bahan yang tidak menyerap air.

Identify and classify the water absorbent objects and non-water absorbent objects.



Pemadam
Eraser



Sapu tangan
Handkerchief



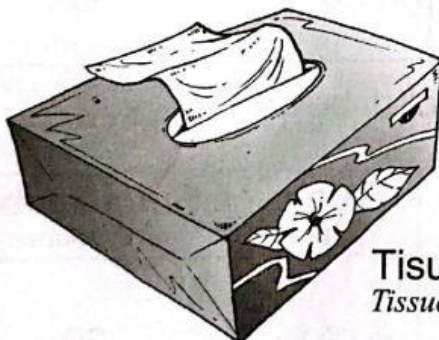
Span
Sponge



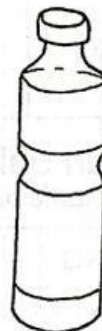
Cincin
Ring



Tuala
Towel



Tisu
Tissue



Botol
Bottle



Payung
Umbrella

Objek menyerap air Water absorbent objects

1

2

3

4

Objek tidak menyerap air Non-water absorbent objects

5

6

7

8

B Jawab soalan berdasarkan aktiviti di bawah.

Answer the questions based on the activity below.

Aktiviti : Menyiassat keupayaan bahan untuk menyerap air.

Activity : *To investigate the ability of materials to absorb water.*

Radas dan bahan : Kapas muka, tisu, tuala dan surat khabar yang sama saiz serta 4 buah bikar berisi 100 ml air.

Apparatus and materials : *Cotton pad, tissue, towel and newspaper with similar size and 4 beakers containing 100 ml of water.*

Langkah : 1 Kapas muka dimasukkan ke dalam bikar yang mengandungi air dan dikeluarkan selepas 5 saat.

Procedures

The cotton pad is put into the beaker containing water and is taken out after 5 seconds.

2 Isi padu air yang masih tinggal di dalam bikar disukat.

The volume of water left in the beaker is measured.

3 Aktiviti diulangi dengan menggunakan tisu, tuala dan surat khabar.

Activity is repeated using tissue, towel and newspaper.

Berikut adalah jadual pemerhatian.

The following is the observation table.

Bahan <i>Material</i>	Kapas muka <i>Cotton pad</i>	Tisu <i>Tissue</i>	Tuala <i>Towel</i>	Surat khabar <i>Newspaper</i>
Isi padu air yang masih tinggal (ml) <i>The volume of water left (ml)</i>	60	50	30	80

Isi padu air yang diserap direkodkan dalam jadual di bawah.

The volume of water absorbed is recorded in the table below.

Bahan <i>Material</i>	Kapas muka <i>Cotton pad</i>	Tisu <i>Tissue</i>	Tuala <i>Towel</i>	Surat khabar <i>Newspaper</i>
Isi padu air yang diserap (ml) <i>The volume of water absorbed (ml)</i>	40	50	70	20

1 Bahan yang manakah menyerap air paling banyak?

Which material absorbs the most water?

2 Bahan yang manakah menyerap air paling sedikit?

Which material absorbs the least water?

3 Berikan **satu** contoh bahan yang tidak menyerap air dan kegunaannya.

Give one example of a non-water absorbent object and its function.
