

JAWAPAN

UJIAN BULANAN SESI AKADEMIK 1 (UBSA 1)

Bahagian A

- 1 Lapan ratus sembilan puluh satu ribu lima ratus empat puluh [1 m]

Eight hundred and ninety-one thousand five hundred and forty

- 2 600 000 [1 m]

- 3 Puluh ribu / Ten thousands [1 m]
20 000 [1 m]

- 4
$$\begin{array}{r} 372539 \\ + \quad 735 \\ \hline 373274 \end{array}$$
 [1 m]
[1 m]

- 5
$$\begin{array}{r} 370098 \\ - \quad 378 \\ \hline 369720 \end{array}$$
 [1 m]
[1 m]

- 6
$$\begin{array}{r} 12125 \\ \times \quad 30 \\ \hline 00000 \\ + 36375 \\ \hline 363750 \end{array}$$
 [1 m]
[1 m]

- 7
$$\begin{array}{r} 21340 \\ 7 \overline{)149380} \\ \underline{-14} \\ 9 \\ \underline{-7} \\ 23 \\ \underline{-21} \\ 28 \\ \underline{-28} \\ 0 \\ \underline{-0} \\ 0 \end{array}$$
 [1 m]
[1 m]

- 8
$$\frac{3}{5} \times \frac{1}{6} = \frac{3}{30}$$
 [1 m]
$$= \frac{1}{10}$$
 [1 m]

9
$$\begin{array}{r} 4.125 \\ \times \quad 13 \\ \hline 12375 \\ + 4125 \\ \hline 53.625 \end{array}$$
 [1 m]
[1 m]

10
$$\begin{array}{r} 56.9 \\ 15 \overline{)853.5} \\ \underline{-75} \\ 103 \\ \underline{-90} \\ 135 \\ \underline{-135} \\ 0 \end{array}$$
 [1 m]
[1 m]

11
$$3\frac{1}{2} = \frac{7}{2}$$
 [1 m]
$$\frac{7}{2} \times 100\% = 350\%$$
 [1 m]

- 12 Bilangan kek cawan pada minggu kedua
Number of cupcakes in second week
 $= 507 \times 3$ [1 m]

$= 1521$

Jumlah kek cawan yang dijual dalam dua minggu

Total number of cupcakes sold in two weeks
 $= 507 + 1521$ [1 m]
 $= 2028$ [1 m]

- 13 Jarak sekolah ke simpang kedai
Distance from school to shop junction
 $= 19.7 \text{ km} - 5.7 \text{ km}$ [1 m]

$= 14 \text{ km}$

Jumlah jarak dari sekolah ke kedai

Total distance from the school to the shop
 $= 14 \text{ km} + 4 \text{ km}$ [1 m]
 $= 18 \text{ km}$ [1 m]

- I (a) Beza bilangan peserta tahun 2023 dan 2024

Difference in the number of participants in 2023 and 2024

$$= 24\,250 - 16\,000 \quad [1\text{ m}]$$

$$= 8\,250 \quad [1\text{ m}]$$

- (b) Jumlah peserta

Total of participants

$$= 16\,000 + 24\,250 \quad [1\text{ m}]$$

$$= 40\,250$$

Jumlah penanda buku yang diperlukan

Total numbers of bookmarks needed

$$= 2 \times 40\,250 \quad [1\text{ m}]$$

$$= 80\,500 \quad [1\text{ m}]$$

- (c) Bilangan peserta yang akan datang pada tahun 2025

Number of participants will come in 2025

$$= \left(\frac{3}{4} \times 16\,000\right) + 16\,000 \quad [1\text{ m}]$$

$$= 12\,000 + 16\,000$$

$$= 28\,000$$

Jumlah peserta bagi ketiga-tiga tahun

Number of participants for the three years

$$= 16\,000 + 24\,250 + 28\,000 \quad [1\text{ m}]$$

$$= 68\,250 \quad [1\text{ m}]$$

- (d) (i) Bilangan buku aktiviti/buku novel

Number of activity books/novels

$$= 15\% \times 50\,000 \quad [1\text{ m}]$$

$$= 7\,500$$

Bilangan jualan buku cerita

Number of story book sales

$$= 50\,000 - (20\,000 + 7\,500 + 7\,500)$$

$$= 50\,000 - 35\,000$$

$$= 15\,000 \quad [1\text{ m}]$$

Ya, jualan buku cerita kurang dari buku komik [1 m]

Yes, story books sell less than comic books

- (ii) Meningkatkan ilmu pengetahuan

Increasing knowledge [1 m]

- 2 (a) Bilangan sayur kebun B

Number of vegetables from farm B

$$= \frac{3}{4} \times 15\,000 \quad [1\text{ m}]$$

$$= 11\,250$$

Jumlah pembelian sayur

Total amount of vegetables purchased

$$= 15\,000 + 11\,250 + 11\,060 \quad [1\text{ m}]$$

$$= 37\,310 \quad [1\text{ m}]$$

- (b) Jumlah jarak dilalui Encik Yusuf sehari

Total distance Encik Yusuf travels in a day

$$= 12.35\text{ km} + 4\text{ km} + 15\text{ km} \quad [1\text{ m}]$$

$$= 31.35\text{ km}$$

Jumlah jarak dilalui Encik Yusuf seminggu

Total distance Encik Yusuf travels in a week

$$= 31.35\text{ km} \times 7 \quad [1\text{ m}]$$

$$= 219.45\text{ km} \quad [1\text{ m}]$$

- (c) Bilangan bayam merah kebun B

Number of red spinach farm B

$$= \left(\frac{70}{100} \times 1\,200\right) \quad [1\text{ m}]$$

$$= 840$$

Bilangan bayam merah kebun C

Number of red spinach farm C

$$= \left(\frac{80}{100} \times 1\,000\right) \quad [1\text{ m}]$$

$$= 800$$

Kebun B menjual bayam merah paling banyak [1 m]

Farm B sells the most red spinach

- (d) Jisim baja yang diperlukan untuk sebulan

Mass of fertilizer required for a month

$$= 1\,050 \div 75 \quad [1\text{ m}]$$

$$= 14\text{ kg}$$

Jisim baja yang diperlukan untuk 6 bulan

Mass of fertilizer required for 6 month

$$= 14\text{ kg} \times 6$$

$$= 84\text{ kg} \quad [1\text{ m}]$$

Tidak mencukupi [1 m]

Not enough

UJIAN PERTENGAHAN SESI AKADEMIK (UPSA)

Bahagian A

1 Puluh ribu [1 m]
Ten thousands

2 $\frac{1}{2} \times 24 \text{ jam/hours} = 12 \text{ jam/hours}$ [1 m]

3
$$\begin{array}{r} 561520 \\ - \quad 408 \\ \hline 561112 \end{array}$$
 [1 m]

4
$$\begin{array}{r} \text{RM } 429521.30 \\ + \text{RM } 367210.00 \\ \hline \text{RM } 796731.30 \end{array}$$
 [1 m]

5
$$\begin{array}{r} \text{RM } 52109 \\ \times \quad 13 \\ \hline 156327 \\ + \quad 52109 \\ \hline \text{RM } 677417 \end{array}$$
 [1 m]

6
$$\begin{array}{r} 36540 \\ 15 \overline{) 548100} \\ \underline{-45} \\ 98 \\ \underline{-90} \\ 81 \\ \underline{-75} \\ 60 \\ \underline{-60} \\ 0 \\ \underline{-0} \\ 0 \end{array}$$
 [1 m]

7 $3\frac{1}{2} \times 38$ [1 m]
 $= \frac{7}{2} \times 38$
 $= 133$ [1 m]

8
$$\begin{array}{r} 3.847 \\ \times \quad 4 \\ \hline 15.388 \end{array}$$
 [1 m]

9
$$\begin{array}{r} 59.5 \\ 15 \overline{) 892.5} \\ \underline{-75} \\ 142 \\ \underline{-135} \\ 75 \\ \underline{-75} \\ 0 \end{array}$$
 [1 m]

10 $\frac{150}{100} \times \text{RM}700$ [1 m]
 $= \text{RM}1050$ [1 m]

11 $1.5 \text{ jam/hours} \times 60 \text{ minit/minutes}$ [1 m]
 $= 90 \text{ minit/minutes}$ [1 m]

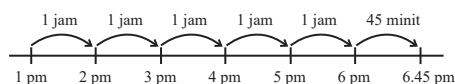
12 Bayaran untuk sebulan [1 m]
Payment for one month
 $= \text{RM}3120 \div 12$
 $= \text{RM}260$ [1 m]
Bayaran untuk bulan pertama
Payment for first month
 $= \text{RM}260 + \text{RM}380$
 $= \text{RM}640$ [1 m]

13 Bilangan roti jagung [1 m]
Number of corn bread
 $= 997 - 208$
 $= 789$ [1 m]
Jumlah roti yang dibekalkan pada bulan Ogos
Total amount of bread supplied in August
 $= (997 + 789) \times 31$ [1 m]
 $= 1786 \times 31$
 $= 55366$ [1 m]

- I (a) Bilangan biskut coklat
Number of chocolate biscuits
 $= 8\,150 \times 2$ [1 m]
 $= 16\,300$ [1 m]

- (b) Jisim tepung gandum
Mass of wheat flour
 $= \frac{2}{5} \times 850\text{ g}$ [1 m]
 $= 340\text{ g}$
 Jumlah jisim ketiga-tiga jenis tepung
Total mass of the three types of flour
 $= 300\text{ g} + 850\text{ g} + 340\text{ g}$ [1 m]
 $= 1\,490\text{ g}$ [1 m]

- (c) Tempoh masa Puan Siti membuat biskut
Time period Puan Siti makes biscuits
 $= 1.00\text{ pm hingga } 6.45\text{ pm}$ [1 m]



$$= 5\text{ jam } 45\text{ minit}$$
 [1 m]

$$5\text{ hours } 45\text{ minutes}$$
 [1 m]

- (d) (i) Simpanan Januari
January's savings
 $= (100\% - 35\%) \times \text{RM}2\,800$
 $= \frac{65}{100} \times \text{RM}2\,800$ [1 m]
 $= \text{RM}1\,820$
 Simpanan Mac
March's savings
 $= \frac{80}{100} \times \text{RM}2\,000$ [1 m]
 $= \text{RM}1\,600$
 Simpanan bulan Januari paling banyak [1 m]
January's saving the most

- (ii) Wang boleh digunakan pada waktu kecemasan [1 m]
Money can be used in times of emergency

- 2 (a) Bilangan peserta perempuan
Number of female participants
 $= 9\,250 - 750$ [1 m]
 $= 8\,500$
 Jumlah peserta
Total of participants
 $= 9\,250 + 8\,500$ [1 m]
 $= 17\,750$ [1 m]

- (b) Harga sehelai kemeja-T
Price of a T-shirt
 $= \text{RM}105.90 \div 3$ [1 m]
 $= \text{RM}35.30$
 Jumlah harga 32 helai kemeja-T
Total price of 32 T-shirts
 $= \text{RM}35.30 \times 32$ [1 m]
 $= \text{RM}1\,129.60$ [1 m]

- (c) Bilangan kemeja-T lelaki
Number of male T-shirts
 $= \frac{115}{100} \times 10\,200$ [1 m]
 $= 11\,730$
 Jumlah kemeja-T yang telah dijual
Number of T-shirts sold
 $= 11\,730 + 10\,200$ [1 m]
 $= 21\,930$ [1 m]

- (d) Bilangan air minuman yang dijual
Number of drinking water sold
 $= 13\,115 - 6\,406$ [1 m]
 $= 6\,709$
 Jualan air minuman
Drinking water sales
 $= 6\,709 \times \text{RM}1.10$ [1 m]
 $= \text{RM}7\,379.90$
 Ya, dapat lebih daripada RM6 000 [1 m]
 Yes, get more than RM6 000

Bahagian A

- 1 Lima ratus dua ribu empat ratus tiga puluh tujuh [1 m]

Five hundred two thousand four hundred thirty-seven

- 2 $2\frac{3}{4} \times 100$ tahun/*years* [1 m]
= 275 tahun/*years*

- 3
$$\begin{array}{r} 562097 \\ + 2635 \\ \hline 564732 \end{array}$$
 [1 m]

- 4
$$\begin{array}{r} 67635 \\ 8 \overline{) 541080} \\ \underline{-48} \\ 61 \\ \underline{-56} \\ 50 \\ \underline{-48} \\ 28 \\ \underline{-24} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

- 5
$$\begin{array}{r} 2.047 \\ \times 16 \\ \hline 12282 \\ + 2047 \\ \hline 32.752 \end{array}$$
 [1 m]

- 7 $3\frac{1}{2} \times \frac{1}{4}$ [1 m]
= $\frac{7}{2} \times \frac{1}{4}$
= $\frac{7}{8}$ [1 m]

- 7 $\frac{260}{100} = 2\frac{60}{100}$ [1 m]
= $2\frac{3}{5}$ [1 m]

- 8 $4\frac{3}{5}$ jam/*hours* $\times$ 60 minit/*minutes* [1 m]
= $\frac{23}{5} \times 60$
= 276 minit/*minutes* [1 m]

- 9
$$\begin{array}{r} 6.03 \text{ cm} \\ 9 \overline{) 54.27 \text{ cm}} \\ \underline{-54} \\ 2 \\ \underline{-0} \\ 27 \\ \underline{-27} \\ 0 \end{array}$$
 [1 m]

- 10 Jisim tembikai = 3.5 kg [1 m]
Mass of watermelon = 3.5 kg [1 m]
Jisim 2 betik = 1.125 kg
Mass of 2 papaya = 1.125 kg [1 m]
$$\begin{array}{r} 3.500 \text{ kg} \\ - 1.125 \text{ kg} \\ \hline 2.375 \text{ kg} \end{array} = 2375 \text{ g}$$
 [1 m]

- 11
$$\begin{array}{r} 0.75 \ell \\ \times 13 \\ \hline 225 \\ + 75 \\ \hline 9.75 \ell \end{array}$$
 [1 m]

- 12 Simpanan bulanan
Monthly savings
= RM550 $\times$ 12 [1 m]
= RM6 600
Jumlah simpanan tahun 2024
Total savings of the year 2024
= RM6 600 + RM3 251.50 [1 m]
= RM9 851.50 [1 m]

- 13 Luas PQRS
Area of PQRS
= $448 \text{ cm}^2 - 196 \text{ cm}^2$ [1 m]
= 252 cm^2
Panjang RS
Length of RS
= 14 cm
= 14 cm $\times$ 14 cm
= 196 cm^2
Panjang QS
Length of QS
= $252 \text{ cm}^2 \div 14 \text{ cm}$ [1 m]
= 18 cm [1 m]

- I (a) Beza harga kereta model X dan Y
Difference price of the model X and Y
 $= \text{RM}118\,900 - \text{RM}97\,315$
 $= \text{RM}21\,585$ [1 m]
- (b) Diskaun kereta model X
Discount of model X car
 $= \frac{5}{100} \times \text{RM}97\,315$ [1 m]
 $= \text{RM}4\,865.75$
 Harga selepas diskaun
Price after discount
 $= \text{RM}97\,315 - \text{RM}4\,865.75$ [1 m]
 $= \text{RM}92\,449.25$ [1 m]
- (c) Tempoh masa penerimaan kereta
Car acceptance period
 $= 18 \text{ Disember } 2023 \text{ hingga } 18 \text{ Januari } 2024$ [1 m]
 $18 \text{ December } 2023 \text{ until } 18 \text{ January } 2024$
 $= 1 \text{ bulan/month}$
 $= 18 \text{ Januari } 2024 \text{ hingga } 31 \text{ Januari } 2024$
 $18 \text{ January } 2024 \text{ until } 31 \text{ January } 2024$
 $= 14 \text{ hari/days}$
 $= 1 \text{ bulan/month } 14 \text{ hari/days}$ [1 m]
- (d) (i) Jarak yang diambil kereta tempatan
Distance covered by local cars
 $= 58 \text{ km} \div 4\ell$ [1 m]
 $= 14.5 \text{ km}$
 Jarak yang diambil kereta luar negara
Distance covered by imported cars
 $= 65 \text{ km} \div 5\ell$ [1 m]
 $= 13 \text{ km}$
 Kereta tempatan lebih menjimatkan sebab 1ℓ petrol boleh melalui 14.5 km.
Local cars are more economical because 1 ℓ of petrol can travel 14.5 km.
- (ii) Dapat menjimatkan perbelanjaan harian [1 m]
Can save on daily expenses
- 2 (a) Bilangan peserta Pertandingan Mencipta Logo
Number of participants in Creating Logo contest
 $= 9\,400 - 2\,093$ [1 m]
 $= 7\,307$

- Jumlah peserta
Total participants
 $= 9\,400 + 7\,307$ [1 m]
 $= 16\,707$ [1 m]
- (b) Bilangan peserta lelaki
Number of male participants
 $= \frac{2}{5} \times 20\,780$ [1 m]
 $= 8\,312$
 Bilangan peserta perempuan
Number of female participants
 $= 20\,780 - 8\,312$ [1 m]
 $= 12\,468$ [1 m]
- (c) Tinggi menara B
Height of tower B
 $= 1.8 \text{ m} + 150 \text{ cm}$ [1 m]
 $= 1.8 \text{ m} + 1.5 \text{ m}$
 $= 3.3 \text{ m}$
 Tinggi menara C
Height of tower C
 $= 1.8 \text{ m} + 3.3 \text{ m} - 2 \text{ m}$ [1 m]
 $= 3.1 \text{ m}$
 Menara B paling tinggi.
Tower B is the tallest. [1 m]
- (d) Luas kawasan segi tiga
Area of triangular area
 $= \frac{1}{2} \times 3 \text{ m} \times 8 \text{ m}$ [1 m]
 $= 12 \text{ m}^2$
 Jumlah penambahan luas
Total of additional area
 $= \frac{20}{100} \times 40 \text{ m}$ [1 m]
 $= 8 \text{ m}$
 Penambahan kawasan melebihi 20%.
Area increase of more than 20%. [1 m]

UJIAN AKHIR SESI AKADEMIK (UASA)

Bahagian A

1 2, 3, 7, 11, 13 [2 m]

2 52.1 [1 m]

3
$$\begin{array}{r} 32509 \\ \times 24 \\ \hline 130036 \\ + 65018 \\ \hline 780216 \end{array}$$
 [1 m]

4
$$\frac{215}{100} = 2\frac{15}{100}$$

$$= 2\frac{3}{20}$$
 [1 m]

5
$$\begin{array}{r} \text{RM } 95\,000.00 \\ + \text{RM } 6\,875.50 \\ \hline \text{RM } 88\,124.50 \end{array}$$
 [1 m]

6 $6\frac{1}{5} \text{ jam/hours} \times 60 \text{ minit/minutes}$ [1 m]

$$= 6\frac{1}{5} \times 60$$

$$= 372 \text{ minit/minutes}$$
 [1 m]

7 $1\frac{1}{5} \text{ m} \times 10$ [1 m]

$$= \frac{6}{5} \times 10$$

$$= 12 \text{ m}$$
 [1 m]

8 60° [1 m]

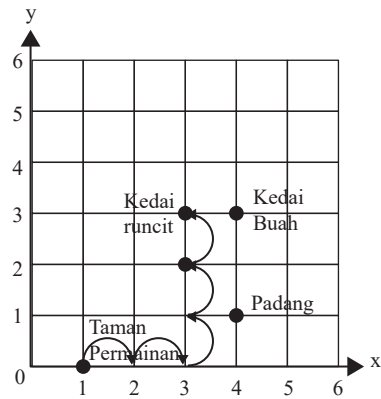
9 Median jisim/Median mass

$$= 15, 15, 20, 25, 25, 25, 30, 30, 35, 35$$
 [1 m]

$$= \frac{25 + 25}{2}$$

$$= 25 \text{ kg}$$
 [1 m]

10



Kedai runcit/Grocery store (3, 3) [1 m]

11 $2\frac{1}{2} \ell = 2 \ell 500 \text{ m}\ell$
 $1.8 \ell = 1 \ell 800 \text{ m}\ell$

$$\begin{array}{r} 2 \ell 500 \ell \\ + 1 \ell 800 \ell \\ \hline 4 \ell 300 \ell \end{array}$$
 [1 m]

12 Isi padu kubus
Volume of cube

$$= 8 \text{ cm} \times 8 \text{ cm} \times 8 \text{ cm}$$
 [1 m]

$$= 512 \text{ cm}^3$$

 Isi padu kuboid
Volume of cuboid

$$= 14 \text{ cm} \times 10 \text{ cm} \times 8 \text{ cm}$$
 [1 m]

$$= 1\,120 \text{ cm}^3$$

 Jumlah isi padu
Total volume

$$= 512 \text{ cm}^3 + 1\,120 \text{ cm}^3$$

$$= 1\,632 \text{ cm}^3$$
 [1 m]

13 Harga bagi sebuah komputer riba
Price of a laptop

$$= \text{RM}20\,600 \div 4$$
 [1 m]

$$= \text{RM}5\,150$$

 Harga bagi tiga buah komputer riba
Price of three laptop

$$= \text{RM}5\,150 \times 3$$
 [1 m]

$$= \text{RM}15\,450$$
 [1 m]

- 1 (a) Bilangan penduduk Kampung B
Number of Village B residents
 $= 6\,750 - 2\,080$ [1 m]
 $= 4\,670$ [1 m]
- (b) Tempoh masa
Time period
 $= 2 \times 7.5 \text{ jam/hours}$ [1 m]
 $= 15 \text{ jam/hours}$
 Dalam minit
In minutes
 $= 15 \text{ jam/hours} \times 60 \text{ minit/minutes}$ [1 m]
 $= 900 \text{ minit/minutes}$ [1 m]
- (c) Harga 1 kg tin aluminium
Price of 1 kg of aluminium can
 $= \text{RM}1\,457 \div 94 \text{ kg}$ [1 m]
 $= \text{RM}15.50$
 Wang yang akan Haziq terima
Money Haziq earned
 $= 8 \times \text{RM}15.50$ [1 m]
 $= \text{RM}124$ [1 m]
- (d) (i) Bilangan murid yang paling banyak
Number of the highest pupils
 $= \frac{40}{100} \times 20 \text{ orang/pupils}$
 $= 8 \text{ orang/pupils}$ [1 m]
 Bilangan murid yang paling sedikit
Number of the lowest pupils
 $= \frac{10}{100} \times 20 \text{ orang/pupils}$
 $= 2 \text{ orang/pupils}$ [1 m]
 Julat bilangan murid
Range for the number of pupils
 $= 8 - 2$ [1 m]
 $= 6 \text{ orang/pupils}$
- (ii) Boleh mengelakkan berlaku pencemaran [1 m]
Can prevent contamination
- 2 (a) Bilangan telur gred C
Number of grade C eggs
 $= 1\frac{1}{4} \times 300$ [1 m]
 $= 375$
 Bilangan telur gred A
Number of grade A eggs
 $= 375 - 80$ [1 m]
 $= 295$

Jumlah bilangan telur yang dikutip

Number of eggs collected

$$= 295 + 300 + 375$$
 [1 m]
$$= 970$$

- (b) Jumlah jarak ke Asrama Sekolah dan Kedai Runcit
Total distance to School Dormitory and Grocery Store
 $= 3.65 \text{ km} + 7 \text{ km } 500 \text{ m}$ [1 m]
 $= 11.15 \text{ km}$
 $= 11 \text{ km } 150 \text{ m}$
 Jarak dari Kebun ke Kedai Runcit
Distance from Farm to Grocery Store
 $= 20 \text{ km } 970 \text{ m} - 11 \text{ km } 150 \text{ m}$ [1 m]
 $= 9 \text{ km } 820 \text{ m}$ [1 m]
- (c) Jualan telur gred B pada bulan Februari
Grade B egg sales in February
 $= \frac{70}{100} \times 1\,400$ [1 m]
 $= 980 \text{ biji}$
 Jualan telur gred B pada bulan Mac
Grade B egg sales in March
 $= \frac{80}{100} \times 1\,100$ [1 m]
 $= 880 \text{ biji}$
 Bulan Februari paling banyak terjual telur gred B [1 m]
February is the highest sales of grade B eggs
- (d) Harga bagi 130 biji telur Gred C
Price for 130 Grade C eggs
 $= 130 \times \text{RM}0.46$ [1 m]
 $= \text{RM}59.80$
 Jumlah harga telur
Total price of eggs
 $= \text{RM}59.80 + \text{RM}169$ [1 m]
 $= \text{RM}228.80$
 RM250 mencukupi untuk membeli telur tersebut [1 m]
RM250 is enough to buy the eggs.