DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED.

35 QUESTIONS

TIME ALLOWED: 35 MINUTES

STUDENT’S NAME:

Read the instructions on the ANSWER SHEET and fill in your NAME, SCHOOL and OTHER INFORMATION.

Use a 2B or B pencil.
Do NOT use a pen.
Rub out any mistakes completely.

You MUST record your answers on the ANSWER SHEET.

Mark only ONE answer for each question.

Your score will be the number of correct answers.

Marks are NOT deducted for incorrect answers.

There are 35 MULTIPLE-CHOICE QUESTIONS (1-35).

Use the information provided to choose the BEST answer from the four possible options.

On your ANSWER SHEET fill in the oval that matches your answer.
1. Keith wanted to listen to some music on his laptop using these earphones. Where should Keith plug in his earphones?

(A)  (B)  (C)  (D)

2. Norida enlarged an image. Which handle did Norida use?

Original image  Enlarged image

(A)  (B)  (C)  (D)

3. Jane has decided to save her files to a free online storage area. What is one advantage of saving files online?

(A) It makes files safe.
(B) It saves time and money.
(C) Files can be accessed by anyone.
(D) Files can be shared from most devices with an internet connection.
4. Which option correctly matches devices with their use?

<table>
<thead>
<tr>
<th>Input</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td></td>
</tr>
<tr>
<td>(B)</td>
<td></td>
</tr>
<tr>
<td>(C)</td>
<td></td>
</tr>
<tr>
<td>(D)</td>
<td></td>
</tr>
</tbody>
</table>

5. Jenny needs to write a story about her father for a school project.

Which type of application would be best for Jenny to use?

(A) notepad
(B) database
(C) spreadsheet
(D) word processing

6. Workstation design is very important for health and well-being.

Which of the following statements is NOT a healthy working practice?

(A) making sure that the work area is well lit
(B) keeping feet flat on the ground or resting on a footrest
(C) maintaining cold temperature in the work area to keep alert
(D) ensuring that the computer, desk and chair are positioned correctly

7. Gina used the word 'good' too many times in a report she has written. In some places she wants to replace 'good' with other words.

Which tool will help her look up words with similar meaning?

(A) Cut and Paste
(B) Thesaurus
(C) Find and Replace
(D) Spelling and Grammar
8. Tom sent an email to Arjun with some photos from a camping trip. Tom allowed him to share these photos with his other friends.

Where should Arjun click to send the photos to another person?

(A) Copy (B) Send (C) Forward (D) Buil

```
From: Tom@email.com.au
To: Arjun@email.com.au
Subject: Bushwalking photos

Dear Arjun,

We had a great time camping and bushwalking on the weekend. Here are the photos.

See you later!

From,
Tom
```

9. This is an image of the University of New South Wales website.

What does ‘au’ in the web address mean?

(A) About Us (B) Art and Design (C) Australia (D) Author
10. This is an image of the NASA website homepage.

How many pictures on this webpage are links to videos?

(A) 2
(B) 4
(C) 8
(D) 14

11. This is an image of the UNSW website.

Which of these will take you to another webpage?
12. Mrs James used a presentation program to make a quiz game for her class.

This is what the first screen looked like.

When she clicked on the 10, indicated by X, the screen below opened.

Use the following information to answer questions 13 and 14.

Ali is using a database to store information about his friends.

13. He wants to arrange the information so that the first names appear in alphabetical order.

Where can Ali click to sort the data?

(A)  (B)  (C)  (D)

14. How many fields are in the database?

(A) 1  (B) 4  (C) 5  (D) 6
15. Sam and Julie have created this code table to send secret messages to each other.

| Text  | a | b | c | d | e | f | g | h | i | j | k | l | m | n | o | p | q | r | s | t | u | v | w | x | y | z |
| Code  | t | e | c | h | n | o | l | z | g | y | a | b | d | f | i | j | k | m | p | q | r | s | u | v | w | x |

Sam used this code table to turn his text into a coded message. He then sent this coded message to Julie.

```
  crq qui pb tca mij np
```

Julie used her copy of the code table to read the coded message.

What was in Sam's message to Julie?

(A) cut two black ropes  
(C) cut two slack ropes  
(B) cut the black ropes  
(D) cut the slack ropes

16. Luna entered an art competition. For the competition she needed to send a photograph of her artwork and a one-page document detailing how her artwork expresses 'How You See the World'.

Luna submitted her entry by email.

To: sunnyvaleart@sunnyvale.email.au  
Cc:  
Subject: Art Competition Entry  
Attached: Luna_T_Art_entry.docx (25 KB)  
Luna_T_Art.jpg (250 KB)

Hi  
My name is Luna and this is my entry for the art competition.  
Thank you  
Luna

What is the name of the file containing the photograph of Luna's artwork?

(A) Luna_T_Art  
(B) Luna_T_Art_entry  
(C) Art Competition Entry  
(D) sunnyvaleart@sunnyvale.email.au

17. Helen downloaded four files from the internet into the 'Downloads' folder on her computer.

<table>
<thead>
<tr>
<th>Downloads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filename</td>
</tr>
<tr>
<td>CrystalChase2Setup.exe</td>
</tr>
<tr>
<td>CrystalChase2game.jpg</td>
</tr>
<tr>
<td>CoolSongs.asx</td>
</tr>
<tr>
<td>MathGames.docx</td>
</tr>
</tbody>
</table>

Which of these files is a program?

(A) CrystalChase2Setup.exe  
(B) CrystalChase2game.jpg  
(C) CoolSongs.asx  
(D) MathGames.docx
18. Ruby wrote a speech about the importance of animals in zoos. She wants to change her speech to be about tigers.

Which of these will allow Ruby to change the word ‘animals’ to ‘tigers’ every time it appears in the speech?

(A) (B) (C) (D)

The importance of animals in zoos

Zoos perform an important role in ensuring the survival of animals. Endangered animals are helped because many of these animals no longer have a natural habitat. Although the space is smaller in a zoo, these animals are well cared for.

19. Mr Xu wants his class to make a slideshow about themselves. The presentation will include each person’s photograph and an audio recording.

Mr Xu has completed the first slide as an example.

What could be the names of the files that must be inserted at the places marked ‘1’ and ‘2’ on the slide?

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td>mrxu.mp3</td>
</tr>
<tr>
<td>(B)</td>
<td>mrxu.jpg</td>
</tr>
<tr>
<td>(C)</td>
<td>mrxu.jpg</td>
</tr>
<tr>
<td>(D)</td>
<td>mrxu.xls</td>
</tr>
</tbody>
</table>
20. Felix was doing a school assignment on family history. For his assignment, he collected a photograph and personal details about each person in the family.

He uploaded the photos and the other information to a website and made a multimedia presentation similar to the one below.

My Family History

Web presentation

Felix's presentation was set up as 'Public & reusable' which would make his information available to the general public. He wants to share his presentation with his teacher only.

How can Felix do this?

(A) tweet the assignment to his teacher's Twitter address
(B) change 'Settings' to 'Custom' so he can select his audience
(C) change 'Settings' to 'Private' so that only Felix can view it
(D) email the link for his presentation website to his teacher

21. This diagram represents one way in which information can be displayed.

This type of diagram is called

(A) a cycle.
(B) a pie chart.
(C) a pictograph.
(D) an infographic.
22. The manager at the local game shop has been using a database to keep a catalogue of the video games at the shop.

<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Genre</th>
<th>Cost</th>
<th>Release Year</th>
<th>Publisher</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Voyage in Time</td>
<td>Action</td>
<td>$16.38</td>
<td>2014</td>
<td>Big Software</td>
</tr>
<tr>
<td>2</td>
<td>Age of Aliens</td>
<td>Action</td>
<td>$12.50</td>
<td>2011</td>
<td>Infomazing</td>
</tr>
<tr>
<td>3</td>
<td>Magic Speed</td>
<td>Racing</td>
<td>$20.45</td>
<td>2013</td>
<td>Supersonic</td>
</tr>
<tr>
<td>4</td>
<td>Adventures of Kings</td>
<td>Adventure</td>
<td>$18.90</td>
<td>2011</td>
<td>Data West</td>
</tr>
<tr>
<td>5</td>
<td>The Story Begins</td>
<td>Strategy</td>
<td>$50.00</td>
<td>2012</td>
<td>Game Seekers</td>
</tr>
<tr>
<td>6</td>
<td>Batman Rides Again</td>
<td>Adventure</td>
<td>$25.00</td>
<td>2011</td>
<td>Active Media</td>
</tr>
</tbody>
</table>

How should the database be sorted so that the game ‘Age of Aliens’ is the first record?

(A) Title, ascending order
(B) Title, descending order
(C) Cost, ascending order
(D) Cost, descending order

23. Jenny is making a multimedia presentation about after-school activities.

Her planning for the presentation looks like this.

This is an example of

(A) a matrix.
(B) a timeline.
(C) a flowchart.
(D) a storyboard.

24. Jane created this advertisement for the local newspaper.

**Laptop for sale, Pack Pro 3, 11.5" x 7.93" x 0.3", Processor Intel® Core™ i7, 512 GB storage with 8 GB RAM, Multi-touch. $500. Excellent condition. Phone Jane Smith - 0546786634.**

Her advertisement was redesigned to improve the layout of information.

**Laptop for sale - Pack Pro 3**

- 11.5" x 7.93" x 0.3"
- Processor Intel® Core™ i7
- 512 GB storage with 8 GB RAM
- Multi-touch
- $500
- Excellent condition

**Phone: Jane Smith - 0546786634**

What formatting features did Jane use to redesign the advertisement?

(A) left align text, italics, bullet points to list
(B) centre align text, bold key words, indentation
(C) centre text, bold key words, bullet points to list
(D) left align text, bold key words, bullet points to list
Use the following information to answer questions 25 and 26.

Janine created a workbook to calculate retail sales for a computing assignment.

Janine automatically generated a list of months. She formatted them on an angle to make them easier to read.

25. How did Janine format the months in row 2?
   (A) Fill down, apply Fill Colour and Cell Alignment -45 degrees
   (B) Fill across, apply Fill Colour and Cell Alignment 45 degrees
   (C) Fill down, apply Fill Colour and Cell Alignment 20 degrees
   (D) Fill across, apply Fill Colour and Cell Alignment -20 degrees

26. What is the name of Janine's workbook?
   (A) Month
   (B) Monthly
   (C) Weekly
   (D) retail_sales

27. Ellie used a spreadsheet to create a budget for her holiday. She wanted to add a pie chart to show the proportion of each item in her budget. Ellie chose the wrong data when she made the pie chart and this is the result.

What data range should Ellie select to create a pie chart of her planned holiday budget?
   (A) A3:C9           (B) A4:B11           (C) A3:A9           (D) A3:C11
28. Mei was at the Solarville Central Library and searched its catalogue for books about Egyptian mysteries. The table shows the results of the search.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ancient Egypt: An introduction/ Sara Gerges</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Author: Gerges, S.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item Type: Adult Non-fiction</th>
<th>Status: On Loan</th>
<th>Reserves: 0</th>
<th>Edition: 2007</th>
<th>Branch Location: Ashton Branch Library</th>
<th>Temp Location: Ashton Self Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magic and mysteries of ancient Egypt/ Steven Mustafa</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Author: Mustafa, S.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item Type: Junior Non-fiction</th>
<th>Status: Available</th>
<th>Reserves: 0</th>
<th>Edition: 2012</th>
<th>Branch Location: Lunar Branch Library</th>
<th>Temp Location: Lunar Branch Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mummy mysteries from North America/ Michael Rodriguez</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Author: Rodriguez, M.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item Type: Adult Non-fiction</th>
<th>Status: Available</th>
<th>Reserves: 0</th>
<th>Edition: 2013</th>
<th>Branch Location: Solarville Central Library</th>
<th>Temp Location: Solarville Central Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyramids of ancient Egypt/ Lily Klein</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Author: Klein, L.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Which of these books could Mei have borrowed from the library on that day?

(A) Ancient Egypt: An introduction by S. Gerges
(B) Magic and mysteries of ancient Egypt by S. Mustafa
(C) Mummy mysteries from North America by M. Rodriguez
(D) Pyramids of ancient Egypt by L. Klein

29. Eva used a spreadsheet to record her netball team’s scores for the season.

<table>
<thead>
<tr>
<th>Date</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th March</td>
<td>18</td>
</tr>
<tr>
<td>14th March</td>
<td>9</td>
</tr>
<tr>
<td>21st March</td>
<td>12</td>
</tr>
<tr>
<td>28th March</td>
<td>6</td>
</tr>
<tr>
<td>7th April</td>
<td>17</td>
</tr>
<tr>
<td>15th April</td>
<td>21</td>
</tr>
<tr>
<td>18th April</td>
<td>18</td>
</tr>
<tr>
<td>25th April</td>
<td>13</td>
</tr>
<tr>
<td>2nd May</td>
<td>21</td>
</tr>
<tr>
<td>5th May</td>
<td>23</td>
</tr>
<tr>
<td>16th May</td>
<td>10</td>
</tr>
<tr>
<td>23rd May</td>
<td>22</td>
</tr>
<tr>
<td>30th May</td>
<td>22</td>
</tr>
<tr>
<td>6th June</td>
<td>24</td>
</tr>
<tr>
<td>13th June</td>
<td>21</td>
</tr>
<tr>
<td>20th June</td>
<td>10</td>
</tr>
<tr>
<td>27th June</td>
<td>19</td>
</tr>
</tbody>
</table>

What formula did Eva use in cell B20?

(A) =AVERAGE(B3:B19)
(B) =COUNT(B3:B19)
(C) =SUM(B3:B19)
(D) =MAX(B3:B19)
Sonia created a table with four rows and four columns in her document. She merged the centre four cells to place a picture in the centre cell.

She placed this picture into the centre cell.

What did her table look like after the picture was inserted?

(A) 

(B) 

(C) 

(D)
31. Jim lined up these blocks in the order shown.

![Image of blocks]

He then wrote a set of instructions to rearrange the blocks into this order.

![Image of rearranged blocks]

In each of Jim’s instructions, the position of only two adjacent blocks can be swapped.

What is the minimum number of swaps Jim could use to rearrange his blocks?

(A) 2
(B) 4
(C) 6
(D) 8

32. Lucy recorded the morning temperature of each day in June and entered the data into a spreadsheet. She created this graph from the data.

![Graph of morning temperature each day]

She wants the graph to show only the temperatures.

To do this Lucy could

(A) add the cells A2 to B2 to the data.
(B) select the dashed line and delete it.
(C) select the solid line and delete it.
(D) switch the rows and columns in her data.
33. David sent this email to some of his friends.

Rebecca received the email and replied using 'Reply All'.

Rebecca's reply email was received by

(A) David only.
(B) Rebecca, Samantha and Roberto.
(C) David and Samantha.
(D) David, Samantha and Roberto.

Use the following information to answer questions 34 and 35.

Oliver created a presentation about volcanoes.

34. The title slide had an animation with lava appearing to fly out of the volcano.

What animation effect did Oliver use on the lava pictures?

(A) Exit
(B) Entrance
(C) Emphasis
(D) Motion Paths

35. In Oliver's animation the lava and smoke moved at different speeds. He made the animations repeat until the end of the slide.

The image below shows the speed at which the animations moved. The longer the section, the slower the speed.

Which of these ranks some pictures by their speed, from fastest to slowest?

(A) Picture 10, Picture 14, Picture 15, Picture 18
(B) Picture 35, Picture 34, Picture 33, Picture 32
(C) Picture 32, Picture 14, Picture 26, Picture 23
(D) Picture 23, Picture 26, Picture 14, Picture 34
Acknowledgment
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Sources

Question 1  Earphones image adapted from an image by UKPhoenix79 <https://commons.wikimedia.org/wiki/File:IE_versions.jpg> licensed under the Creative Commons Attribution-ShareAlike 3.0 Unported licence <https://creativecommons.org/licenses/by-sa/3.0>.

Question 9  Screenshot © UNSW Australia.

Question 10  Screenshot courtesy of NASA <http://www.nasa.gov>.

The following year levels should sit THIS Paper:

<table>
<thead>
<tr>
<th>Country</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Year 6</td>
</tr>
<tr>
<td>Brunei</td>
<td>Primary 6</td>
</tr>
<tr>
<td>Indonesia</td>
<td>Year 7</td>
</tr>
<tr>
<td>Malaysia</td>
<td>Standard 6</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Year 7</td>
</tr>
<tr>
<td>Pacific Region</td>
<td>Year 7</td>
</tr>
<tr>
<td>Singapore</td>
<td>Primary 5</td>
</tr>
</tbody>
</table>