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FIRST PAPER

END-USER COMPUTING (PRACTICAL)

Duration   2 Hours   100 Marks

EXAMINERS
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This examination question paper consists of 22 pages plus instructions for completion of a mark reading sheet.

Please complete the attendance register on the back page, tear off and hand to the invigilator.

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Instructions
1   Answer all questions
2   Instructions for the completion of the mark reading sheet are included
3   Each question counts one mark

ALL THE BEST!

Ms. Makhaba runs a successful supermarket with the help of her two daughters and staff. The business has grown steadily. After much consideration she thinks that she may need a computer system to assist her in running the business. She is, however, apprehensive and has approached you to discuss the prospect of computerising the management aspects of the supermarket.

With this in mind, answer the following questions posed by Ms. Makhaba

1. What is the difference between a computer and a pocket calculator?
   1. A calculator is purpose-built and is therefore more accurate.
   2. A pocket calculator is not programmable.
   3. A computer can use different application programs.
   4. A calculator can connect to a communications satellite.
   5. A calculator has a higher resolution screen

2. Which of the following may be used to enable one to connect to the Internet?
   1. Telephone line
   2 Mobile phone
   3. Wireless network connection
   4 Satellite connection
   5. All of the above

3. Which of the following statements about networks is/are true?
   1. A network server is another name for a computer
   2. Intranets are private networks.
   3. A network server is useless without a mouse.
   4. A firewall is used to hack a network computer.
   5. An intelligent terminal is a computer used for military or industrial purposes

4. What types of software are available for me to use?
   1. Shareware, Freeware, licensed software, open source and commercial.
   2. Shareware, Freeware, closed source, public domain and commercial.
   3. Shareware, Freeware, open source, private domain and commercial.
   4. Shareware, Freeware, open source, public domain and commercial.
   5. All of the above.

5. Which of the following statements concerning data storage is/are false?
   1. Data stored in RAM is erased when the computer is turned off.
   2. Data stored in ROM is erased when the computer is turned off.
   3. The M in RAM stands for module.
   4. The M in ROM stands for module
   5. Hard disks, flash drives and CD-ROMs are volatile storage mediums.

6. What does the A in WAN stand for?
   1. Access
   2. Attached
   3. Area
   4. Aerial
   5. Active

7. If my staff will be using the computer for a long time, consideration of good ergonomic principles are important   Which of the following is NOT a good principle?
   1. The sun or light should not shine on the computer screen.
   2. Support must be provided by the worker's chair to the lower back
   3. Feet should be kept flat on the floor, thus the chair's height should be adjustable.
   4. The ergonomic suitability of peripheral devices is of no importance.
   5. The screen should be tilted to avoid reflected glare, and should be below eye level.

Ms. Makhaba, sits up in her chair, takes a sip of her milk and states 'Well you see I do not know much about these fancy computer devices. Can you explain the following to me?'

8. What would I have to press/click to shrink a window?
   1. The Minimise button.
   2. The Maximise button.
   3. The Close button.
   4. The Restore button.
   5. The Delete button.

9. Which of the following keyboard shortcuts should I use if my computer hangs?
   1. Press Ctrl+Alt+Enter.
   2. Press Ctrl+Alt+Esc
   3. Press Ctrl+Alt+Delete.
   4. Press Ctrl+Alt+Insert.
   5. Press Ctrl+Alt+Shift.

10. Which of the following passwords is the most secure?
   1. JonSmith
   2. 20070707
   3. FIFA201
   4. EuP@Un15a
   5. 12345678

11 After Windows is started, what is the large area you see called?
   1. Shortcut
   2. active application
   3. Desktop
   4. operating application
   5. Interface

12. What is the purpose of a screen saver?
    1. To have a decorative logo on your screen.
    2. To prevent anyone from seeing what is on your screen.
    3 To protect the screen from image burn.
    4. To reduce eye strain for the users.
    5. To protect the operating system

13. What is a list of documents submitted for printing called?
    1 print list
    2. print table
    3. print queue
    4. print view
    5. print page

14. Which of the following options does this icon represent?
    1. It is used to compress files.
    2. It is used to compress and decompress files.
    3. It is used to decompress files only.
    4. It is used to backup compressed files
    5. None of the above.

Later that week Ms. Makhaba calls you and with great excitement in her voice she explains that she is now the proud owner of a new computer. It has all the bells and whistles that she thinks are required. She has, however, noticed some interesting icons and other images on the desktop and additional peripherals. She asks you to answer the following questions.
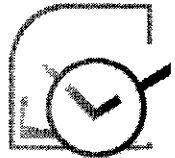
A	B	C
D	E	F
G	H	I
J	K	M

Table 1

15. Identify item K·
    1. It is a flash drive.
    2. It is a diskette.
    3. It is a solid state drive
    4. It is a memory card
    5. It is a stiffy drive.

16. Identify item A:
    1. The icon represents a WLAN.
    2. The icon represents a WAN.
    3. The icon represents Bluetooth.
    4. The icon represents a LAN.
    5. It represents a flash drive.

17. Identify item D:
    1. It is the icon for a pdf reader.
    2. It is the icon for a doc reader.
    3 It is the icon for a Mp3 reader.
    4. It is the icon for jpg reader.
    5. It is the icon for media reader

18. What does the acronym POP stand for?
    1. Post Office Policy
    2. Post Office Point
    3. Post Office Protocol
    4 Post Office Procedure
    5. Post Office Peripheral

19. What does poor spelling and badly constructed sentences in an e-mail signify?
    1. Carelessness
    2 Poor netiquette
    3. Spell checking was not used
    4. No grammar checking was done
    5. All of the above

20. How would unread e-mails usually appear?
    1 Red or with a closed envelope icon
    2. Bold with a paper clip icon
    3. Bold with a closed envelope icon
    4. Bold or without an icon next to it
    5. (1) and (4)

21. What is the most common way in which computers are infected with a virus?
    1. Download programs from the Internet.
    2. Open an infected e-mail attachment
    3 Open an infected file from a flashdisk.
    4. Download software from a website
    5. All of the above.

22. Unsolicited e-mail is also referred to as
    1. Scam
    2. Phishing
    3 Spam
    4. E-mail
    5. Junk

Ms. Makhaba has now setup her computer and runs Internet Explorer. She has the following questions.

23. I would like to call my cousin in the USA and chat with her. What communication service can I use?
    1. SMS
    2. MMS
    3. IM
    4. VoIP
    5. None of the above.

24. How would the web addresses of the majority of tertiary educational institutions in South Africa end?
    1. .edu
    2. ac za
    3. .gov za
    4. .org.za
    5. .co.za

25. What is the consequence of emptying the *Deleted Items folder* in MS Outlook?
    1. You temporally remove e-mail from the Deleted Items Folder.
    2. You permanently remove e-mail and sent it to the Junk E-mail Folder.
    3. You permanently remove e-mail from the Deleted Items Folder.
    4. You remove some e-mails from the Deleted Items Folder.
    5. None of the above.

26. How would I send an e-mail to one recipient without the other recipients knowing?
    1. Enter the e-mail address of the other recipients in the To box.
    2. Enter the e-mail address of the other recipients in the Cc box.
    3. Enter the e-mail address of the other recipients in the Bcc box.
    4. Enter the e-mail address of the other recipients in the Attach box
    5. Enter the e-mail address of the other recipients in the Forward box

27. Which one of the following is a business or organisation that provides consumers with access to the Internet and related services?
    1. Internet Company
    2. Internet Service Provider
    3. Internet Supply Company
    4. Internet Service Company
    5. Internet Access Provider

28. Google Chrome is an example of a/an _____?
    1. application program
    2. operating system
    3. internal program
    4. browser
    5. e-mail client

29. How would I navigate forward in a browser?
    1. Click the arrow button.
    2. Click the forward button.
    3. Click the back button.
    4. Click the right button.
    5. Click the left button

30. Ms Makhaba was surfing the web and found an interesting website advertising solar geysers. Today she cannot remember the URL of the website. How would she find that website again?
    1   Use a search engine
    2.   Look in My Recent Documents
    3.   Open Help
    4.   Open History
    5.   Open Favorites

31 What is 'GetRight'?
    1.   An internet application
    2.   Freeware
    3.   Internet download manager
    4.   Shareware
    5   None of the above

32. What is Google?
    1.   A search engine
    2.   A search program
    3.   A browser
    4.   An e-mail server
    5   An e-mail client

33. If I type the following searching string in to Google "solar geysers", what web pages would I get?
    1.   All web pages containing the words solar and geysers
    2.   All web pages containing either of the words solar or geysers
    3   All web pages containing either of the words solar or/and geysers.
    4.   All web pages containing the phrase solar geysers
    5.   None of the above.

After getting familiar with her new computer, Ms. Makhaba would now like to use the computer in her business. Answer the following questions in this context.

34. What is Microsoft Word 2007?
    1.   A word processing program.
    2.   A word editing program.
    3.   A word processor and database
    4.   A work production program.
    5.   All of the above

35. Where is the Quick Access toolbar usually located by default?
    1.   At the bottom of screen.
    2.   On the bottom of the Word window
    3.   On the left side of the title bar.
    4   It is a floating toolbar
    5.   On the right of the Word window

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36. Where are the Tabs that organise commands into groups located in Word 2007?
   1. On a tab.
   2. In a dialog box.
   3. In a task group
   4. On the ribbon.
   5. In the tool bar.

37. What type of paragraph alignment is used in the scenarios in this exam paper?
   1. Align right
   2. Centre
   3. Align left
   4. Justified
   5. Special

38. Ms Makhaba is writing a letter to her sister who has poor eye sight What font size should she use?
   1. 8
   2. 14
   3. 10
   4. 9
   5. 5

39. In her letter, Ms. Makhaba wants to emphasize and count items in a jewellery list that she wants to give to her sister. She should use_____
   1. Tabs
   2. Numbered list
   3. Bullets
   4. Arrows
   5. none of the above

40. Text symbols such as small circles or check marks used to introduce each piece of information are called·
   1. list markers.
   2. bullets.
   3. symbols.
   4. reference marks
   5. none of the above

41 What type of media is **NOT** stored in the Clip Art task panel?
   1. clip art images.
   2. photographs
   3. sound clips.
   4. icons
   5. 2 and 3

42. How would I resize an image?
    1. By dragging the image handle.
    2. By using Paint.
    3. By using a text editor.
    4. By using MS Access.
    5. All of the above.

43. How would I change the appearance of a table to improve the readability? I can click the_____.
    1. view gridlines button
    2. bold button
    3. shape button
    4. create button
    5. tab button

44 What does a 3 x 5 table represent?
    1. three rows; five columns
    2. three cells; five rows
    3. three columns; five rows
    4. three cells across; five cells down
    5 five rows; three columns

Table 2

45 What would happen if I pressed the Alt + Home key in the far right cell of the last row in Table 2?
    1. The cursor moves to the previous cell in the row
    2. The cursor moves to the first cell in top row.
    3. The cursor moves to the last cell in the top row.
    4. The cursor moves to the top cell in the column.
    5. All of the above

46. Which software application forms part of Microsoft Office Suite and is used to manipulate numerical data?
    1. Word
    2. PowerPoint
    3 Excel
    4. Outlook
    5. All of the above

47. How can I ensure that I have used correct English?
   1.   Use the thesaurus
   2.   Use the spelling and grammar checker.
   3.   User the grammar checker.
   4.   Use a dictionary.
   5.   All of the above.

48. When creating a Word document that I would want anyone to edit using a different application, what file type would I save the document as?
   1.   rtf
   2.   xml
   3.   dotx
   4.   html
   5.   xls

49. Below is a list of different document views, with the exception of:
   1.   normal
   2.   print layout
   3.   full screen reading
   4.   web layout
   5.   draft

50 tHE vAST mAJORITY oF pRESENT dAY'S pROBLEMS aRE nEW, cOMPLEX aND vERY tHREATENING. How would I make this readable text without retyping the whole sentence?
   1.   Click the content areas button.
   2.   Click the templates button.
   3.   Click the content controls button.
   4.   Click the sentence case button
   5.   Click the tOGGLE cASE button

51. What file extension is used by Microsoft Word 2007?
   1   . pdf
   2   xmo
   3.   docx
   4.   .tif
   5.   .mov

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Ms. Makhaba has tested the current applications on her computer and has found that it has increased her productivity. She now wants to computerise the current paper-based budgeting system. Answer the following questions in this context

52. Why should I use MS Excel?
    1. Because it can perform mathematical, statistical and financial calculations.
    2. Because it can be used to store and retrieve data and calculations quickly
    3. Because you can easily represent the data graphically.
    4 Because you could do what-if analysis on your data
    5. All of the above.

53. In a new workbook, by default there are three _____ available
    1. Workbooks
    2. Spreadsheets
    3. Worksheets
    4. Charts
    5. 2 and 3

54. What is the cell called that is ready to accept data or be affected by the next Excel command?
    1. Open
    2. Active
    3. Empty
    4. Available
    5 Default

55. Rows are labelled _____ and columns are labelled_____.
    1. alphabetically, numerically
    2. alpha numerically, alphabetically
    3. numerically, alphabetically
    4. alpha numerically, numerically
    5. None of the above

56. Which function will display the smallest number in the selected cell range?
    1. SUM
    2. MIN
    3. MAX
    4 AVERAGE
    5. ROUND

57. Which function counts the number of numerical values in a range of cells?
    1. COUNTBLANK
    2. ROUND
    3 COUNT
    4. COUNTA
    5. AVERAGE

[TURN OVER]

58 What would happen if the syntax for a formula I typed is not correct?
1. The result would be an error message.
2. The result would be an incomplete formula.
3 The results would be an average value
4. The results would be an internal estimated value.
5. None of the above.

Figure 1

Based on Figure 1, answer questions 59 to 65

59. Identify the active worksheet
    1   Makhaba Trading CC
    2.   Exam
    3.   Invoice
    4   Perishables
    5.   Review

60. Identify the item in cell E19
    1.   Vat
    2.   Other
    3   200.00
    4.   A formula
    5.   Text

61 The supermarket has just experienced a power surge. The spreadsheet's data could be recovered
    from the _____ file.
    1.   saved
    2.   Autorecover
    3.   Backup
    4.   restore
    5.   Autosave

62. Identify the type of content in cell E4.
    1.   Text
    2.   Number
    3.   Dates
    4.   Formula
    5.   Function

63. Identify the formula used to obtain the result in cell E16.
    1.   =Sum(E10*E15)
    2.   =Sum(E10/E15)
    3.   =Sum(E10+E15)
    4.   =Sum(E10:E15)
    5.   =Sum(E10^E15)

64. Identify the formula used to obtain the result in cell E18
    1.   =MAX(E16*E17)
    2.   =E16*E17
    3.   =Count(E16*E17)
    4.   (E16*E17)
    5.   None of the above

65. What formula would you use to get the answer in cell E20?
   1.   SUM(E16:E18:19)
   2.   SUM(E16:19)
   3.   =E16+E18+E19
   4.   SUM(E16+E18+E19)
   5   SUM (E16,E18,E19)

66. When one gets the following error message ##### in a cell, what does it mean?
   1.   The value is not available to a function or formula.
   2.   The cell reference is not valid.
   3.   Invalid numeric values were used in a formula or function.
   4.   A division by zero (0) is undefined.
   5.   None of the above.

67. Characterise the following cell reference (=A1)
   1.   Mixed
   2   Absolute
   3.   Relative
   4.   Floating
   5.   String

68. Characterise the mathematical operation used in the following formula· =(A1*A2)
   1.   Multiplication
   2   Division
   3.   Exponentiation
   4.   Subtraction
   5.   Addition

	A	B
1	**Stock Order**	
2	45	=IF(A2>=50, "Don't Order", "Order ")
3	50	=IF(A3>=50, "Don't Order", "Order ")
4	55	=IF(A4>=50, "Don't Order", "Order ")

Table 3

69. Referring to Table 3, answer the following question. Which of the following will appear in cell B4?
   1.   55
   2.   Don't Order
   3.   Order
   4.   50
   5.   45

70 _____ displays data as slices of a circle.
  1. Pie charts
  2. Line charts
  3. Bar charts
  4. Column charts
  5. Charts

71. The button ZA↓ on the data tab on the ribbon will sort
  1. text in ascending order
  2. text in descending order
  3. numbers in ascending order
  4. dates in ascending order
  5. alpha numerical data only

Ms Makhaba would like to use data from different Office applications interchangeably. Answer the next series of questions with this in mind.

72. What should I use if I need assistance with mail merge?
  1. panel
  2. help
  3. assistant
  4. wizard
  5. Tutor

73. What is the purpose of mail merge?
  1. To combine personal data of a large number of people with an outline document to produce spam mail.
  2. To combine personal data of a large number of people with an outline document to produce junk mail
  3. To combine personal data of a large number of people with an outline document to produce an individual personalised letter.
  4. To combine personal data of a large number of people with an outline document to produce advertising.
  5. To combine personal data of a small number of people with an outline document to produce advertising.

74. Which option would I select if I do not have a data file yet and want to create one for my mail merge?
  1. Type New List
  2. Use Exiting List
  3. Select from Gmail Contacts
  4. Select from Recipients
  5. Select worksheet

75. When I insert items into the main document, the field name is always surrounded by

_____.

1   titles
2.   Brackets
3.   stops
4.   chevrons
5.   colons

76   A common format for the exchanging of data is the _____ file format.
1.   colon delimited
2.   comma delimited
3.   point delimited
4.   semi delimited
5   hash delimited

```
Stock Code,Stock Items,Unit Price,Quantity
123,Milk,4.99,20
147,Milo,25 62,10
158,Sugar,52 99,9
169,Water,2.99,51
258,Tea,16.99,7
369,Coffee,21 99,15
321,Chips,3.5,1
654,Sweets,2 5,5
987,Jik,10.99,0
```

Figure 2

77. Referring to Figure 2, describe the contents of the first row.
1.   File names separated by commas
2   Record names separated by commas
3   Field names separated by commas.
4.   Cell names separated by commas.
5.   Contains data separated by commas.

78. Identify the items in the first record in Figure 2.
1.   Stock Code,Stock Items,Unit Price,Quantity
2   123,Milk,4.99,20
3.   147,Milo,25.62,10
4.   987,Jik,10 99,0
5.   None of the above

79. Ms. Makhaba is writing a report about the profitability of the supermarket. She does not want to put all her financial data in the report She can use a _____ to indicate income.
    1. table
    2. data base
    3. graphic
    4. chart
    5. spreadsheet

80. A secure web connection implies the following:
    1. The web sites have been checked for viruses.
    2. A user-id and password must be used to access the web site.
    3. The web sites have been checked for adult content.
    4. Information is exchanged in encrypted format between the web sites.
    5. Uploading or downloading files from the web sites are blocked

81. Which of the following can you use to help organise your e-mails?
    1. Directories
    2. Groups
    3. Favorites
    4. Folders
    5. Menus

82. Which of the following protects your computer against attacks from the Internet?
    1. Firewire
    2. Firewall
    3. Firefence
    4. Fireware
    5. None of the above

83. Which of the following refers to a service that enables you to make phone calls using the Internet?
    1. VoIP
    2. IM
    3 SMS
    4. VoPI
    5. Podcast

84 Which of the following is NOT true regarding encryption?
    1. Encryption is the process of scrambling information to prevent unauthorised viewing or modification.
    2. Data is encrypted by a mathematical formula called an algorithm.
    3. A key is usually used to encrypt the data.
    4. Encryption keys are always the same length.
    5. A key is usually used to decrypt the data

85. Which of the following devices sends information from the user to the computer?
 1. Monitor
 2 Plotter
 3. Printer
 4. Stylus
 5. None of the above

86. Which of the following medical conditions are associated with computer work?
 1. RSI (repetitive strain injury)
 2. CTS (carpal tunnel syndrome)
 3. CVS (computer vision syndrome)
 4. All of the above
 5. None of the above

87 Which of the following statements is NOT completely true?
 1. The online community is considered virtual since members do not interact face-to-face.
 2. Facebook is a social utility that allows people to connect with friends and others who work, study and live around them.
 3. Internet forums are also known as newsgroups
 4. Chat rooms are usually typed text conversations where participants are not online at the same time.
 5. The players of an online computer game can be anywhere in the world, as long as they are connected via the Internet.

88. Which of the following CANNOT be used to transfer files from a computer in one office to a computer in the next office?
 1. Bluetooth
 2. Fiber optic cables
 3. Copper cable
 4. Infrared
 5. Radio waves

89. What does PDA stand for?
 1. Personal Digital Assistant
 2. Professional Digital Assistant
 3 Private Digital Assistant
 4. Prepaid Digital Assistant
 5. None of the above

90 RSS stands for the following?
 1. Real Software Syndication
 2. Really Simple Syndication
 3. Really Simple Synchronisation
 4. Real Software Synchronisation
 5. Real-time Simple Syndication

91 When replying to an e-mail message the subject line will contain the subject of the original e-mail with which prefix?
1 Reply
2 Response
3 Answer
4 Re
5 Rep

Please answer the following questions based on the screen capture (Figure 3) below.
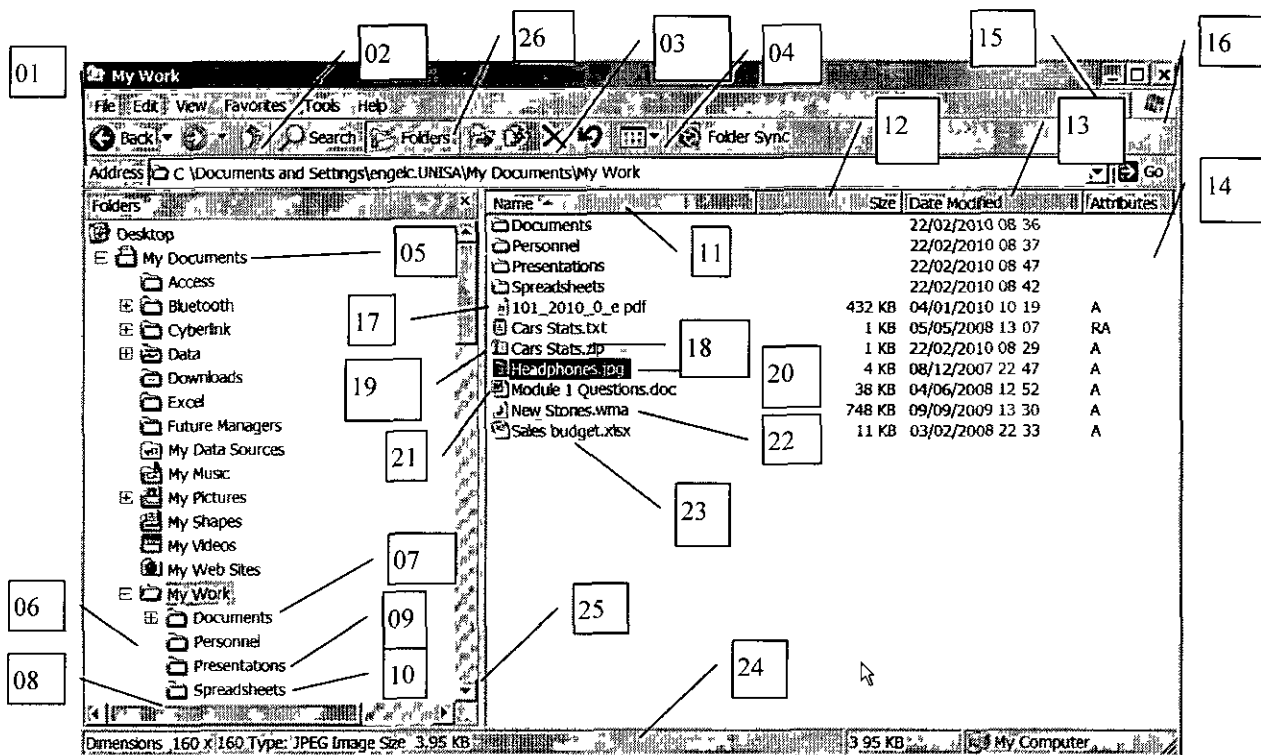
Figure 3

92 Which of the following folders contain sub-folders?
1 Documents
2 Personnel
3 Presentations
4 Spreadsheets
5 None of the above

93 The content of the My Work folder is currently sorted on which of the following columns?
1 Name
2 Size
3 Date Modified
4 Attributes
5 None of the above

94 If you want to change the current selection of file(s) to include only Car Stats.txt you would make use of which of the following keys?
1 Shift
2. Alt
3. Ctrl
4. Enter
5. Tab

95. What number is given to a file/folder that represents a compressed file/folder.
1. 6
2. 10
3. 20
4. 18
5   23

96 What is the number of the icon that you can click to show the files in the currently selected folder as thumbnails?
1 2
2 26
3. 3
4. 4
5. 12

97. Which of the following key(s) can be used to activate the Windows Task Manager?
1. Ctrl + T
2. Ctrl + Alt + Delete
3   Ctrl + Shift + Delete
4. Shift + Alt + Delete
5. Ctrl + Esc + Delete

98 Which of the following key(s) will you use to capture the current window?
1. Print Screen
2. Alt + Print Screen
3. Ctrl + Print Screen
4. Shift + Print Screen
5. Ctrl + C

99. Which of the following file names is not a valid file name?
1 June Report doc
2. June Report.docx
3. June #Report.doc
4 June ?Report.doc
5. June Report2.doc

100. Which of the following is true when using the mouse to move files?
   1   Windows assumes that you want to copy files when dragging them to different folder on the same drive.
   2.   You can override the default dragging behaviour by holding down the Alt key.
   3.   You can only move one file at a time
   4.   You use the left mouse button to drag files.
   5.   None of the above

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EXAMINATION MARK READING SHEET   EKSAMEN-MERKLEESBLAD

PART 1 (GENERAL/ALGEMEEN) DEEL 1 ❸

STUDY UNIT e g PSY100-X
STUDIE EENHEID bv PSY100 X

❶ -

PAPER NUMBER
VRAESTELNOMMER ❷

INITIALS AND SURNAME
VOORLETTERS EN VAN

DATE OF EXAMINATION
DATUM VAN EKSAMEN ❹

EXAMINATION CENTRE (E G PRETORIA)
EKSAMENSENTRUM (BV PRETORIA) ❺

STUDENT NUMBER
STUDENTENOMMER ❻

UNIQUE PAPER NO
UNIEKE VRAESTEL NR ❽

c0ɔ c0ɔ c0ɔ c0ɔ c0ɔ c0ɔ c0ɔ c0ɔ
c1ɔ c1ɔ c1ɔ c1ɔ c1ɔ c1ɔ c1ɔ c1ɔ
c2ɔ c2ɔ c2ɔ c2ɔ c2ɔ c2ɔ c2ɔ c2ɔ
c3ɔ c3ɔ c3ɔ c❼ c3ɔ c3ɔ c3ɔ c3ɔ
c4ɔ c4ɔ c4ɔ c4ɔ c4ɔ c4ɔ
c5ɔ c5ɔ c5ɔ c5ɔ c5ɔ c5ɔ c5ɔ
c6ɔ c6ɔ c6ɔ c6ɔ c6ɔ c6ɔ c6ɔ c6ɔ
c7ɔ c7ɔ c7ɔ c7ɔ c7ɔ c7ɔ c7ɔ c7ɔ
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c2ɔ c2ɔ c2ɔ c2ɔ c2ɔ c2ɔ
c3ɔ c3ɔ c3ɔ c3ɔ c3ɔ
c4ɔ c4ɔ c❾ c4ɔ c4ɔ
c5ɔ c5ɔ c5ɔ c5ɔ
c6ɔ c6ɔ c6ɔ c6ɔ c6ɔ c6ɔ
c7ɔ c7ɔ c7ɔ c7ɔ c7ɔ c7ɔ
c8ɔ c8ɔ c8ɔ c8ɔ c8ɔ c8ɔ
c9ɔ c9ɔ c9ɔ c9ɔ c9ɔ c9ɔ

For use by examination invigilator

Vir gebruik deur eksamenopsiener

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IMPORTANT	BELANGRIK
1 USE ONLY AN HB PENCIL TO COMPLETE THIS SHEET	1 GEBRUIK SLEGS N HB POTLOOD OM HIERDIE BLAD TE VOLTOOI
2 MARK LIKE THIS ▄	2 MERK AS VOLG ▄
3 CHECK THAT YOUR INITIALS AND SURNAME HAS BEEN FILLED IN CORRECTLY	3 KONTROLEER DAT U VOORLETTERS EN VAN REG INGEVUL IS
4 ENTER YOUR STUDENT NUMBER FROM LEFT TO RIGHT	4 VUL U STUDENTENOMMER VAN LINKS NA REGS IN
5 CHECK THAT YOUR STUDENT NUMBER HAS BEEN FILLED IN CORRECTLY	5 KONTROLEER DAT U DIE KORREKTE STUDENTENOMMER VERSTREK HET
6 CHECK THAT THE UNIQUE NUMBER HAS BEEN FILLED IN CORRECTLY	6 KONTROLEER DAT DIE UNIEKE NOMMER REG INGEVUL IS
7 CHECK THAT ONLY ONE ANSWER PER QUESTION HAS BEEN MARKED	7 MAAK SEKER DAT NET EEN ALTERNATIEF PER VRAAG GEMERK IS
8 DO NOT FOLD	8 MOENIE VOU NIE

PART 2 (ANSWERS/ANTWOORDE) DEEL 2

1 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	36 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	71 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	106 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
2 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	37 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	72 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	107 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
3 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ ❿	38 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	73 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	108 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
4 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	39 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	74 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	109 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
5 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	40 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	75 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	110 c1ɔ c2ɔ c3ɔ c4ɔ c5
6 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	41 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	76 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	111 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
7 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	42 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	77 c1ɔ c2ɔ c3ɔ 4ɔ c5ɔ	112 c1ɔ c2ɔ c3ɔ c4ɔ c5
8 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	43 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	78 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	113 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
9 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	44 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	79 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	114 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
10 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	45 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	80 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	115 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
11 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	46 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	81 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	116 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
12 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	47 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	82 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	11 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
13 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	48 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	83 c1ɔ c2ɔ c3ɔ 4ɔ c5	c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
14 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	49 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	84 c1ɔ c2ɔ c 4ɔ	c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
15 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	50 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	85 c1ɔ c2ɔ	c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
16 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	51 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	8 c2ɔ 4ɔ c5ɔ	121 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
17 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	52 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	8 c2ɔ c3ɔ 4ɔ c5ɔ	122 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
18 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	53 c1ɔ c2ɔ c3ɔ 5ɔ	88 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	123 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
19 c1ɔ c2ɔ c3ɔ c4ɔ c5	54 c2ɔ 3ɔ	89 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	124 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
20 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ		90 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	125 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
21 c1ɔ c2ɔ c3 c5ɔ	5 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	91 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	126 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
22 c1ɔ c2ɔ c3ɔ	7 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	92 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	127 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
23 c1ɔ c2ɔ c3ɔ c4ɔ	58 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	93 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	128 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
24 c1ɔ c2ɔ c3ɔ c4ɔ 5ɔ	59 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	94 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	129 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
25 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	60 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	95 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	130 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
26 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	61 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	96 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	131 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
27 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	62 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	97 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	132 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
28 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	63 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	98 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	133 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
29 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	64 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	99 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	134 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
30 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	65 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	100 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	135 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
31 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	66 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	101 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	136 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
32 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	67 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	102 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	137 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
33 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	68 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	103 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	138 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
34 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	69 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	104 c1ɔ c2ɔ c3ɔ 4ɔ c5ɔ	139 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ
35 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	70 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ	105 c1ɔ c2ɔ c3ɔ 4ɔ c5ɔ	140 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ

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