

Computer Studies

I Differentiate between the following[Any one difference]: [4]

1. CUI and GUI with an example for each
2. Single user and Multi user operating system with an example

II Answer the following questions:

1. Give any two examples for multitasking and multiprocessing operating system. [2]
2. List any four functions of an operating system. [4]
3. Write the structure of a function in MS Excel. [2]
4. What are the primary and secondary goals of an operating system? [2]
5. Define: i) Function ii) Operating System [2]
6. Name the three types of cell referencing. [3]

III Write the use of the following functions: [4]

1. MAX
2. AVERAGE
3. MIN
4. COUNT

IV a) Enter a formula in cells B7 to B10 to find the Total, Max, Min, Average. [Mention the cell address in the formula] [4]

Note: No need to copy the table in your answer sheets

| | A | B |
|-----------|---------------------|--------------|
| 1 | Mobile Phone | Price |
| 2 | Samsung s3 | 250.00 |
| 3 | Iphone 4 | 300.00 |
| 4 | Samsung s4 | 275.00 |
| 5 | I phone 5 | 250.00 |
| 7 | Total | |
| 8 | Max | |
| 9 | Min | |
| 10 | Average | |

b) Enter the formula in cell C3 to C8 using cell address. [3]

| | A | B | C |
|---|-------------|-----------|--------|
| 1 | Expenditure | | |
| 2 | Type | Monthly | Annual |
| 3 | Rent | 12,000.00 | |
| 4 | Advertising | 422.00 | |
| 5 | Electricity | 526.00 | |
| 6 | Water | 424.00 | |
| 7 | Gas | 124.00 | |
| 8 | Development | 13,007.00 | |

c) Below is part of a spreadsheet, which contains data. Answer the following questions based on the formatting options:

| | A | B | C | D | E | F |
|------------------------------|-------------|--------------|------|--------|--------|-----------------|
| ABC Holidays - Package Deals | | | | | | |
| 2 | Destination | Holiday Code | Type | Nights | Flight | Hotel per Night |
| 3 | Dubai | CB | A | 2 | 550 | ₹50 |
| 4 | Doha | CB | A | 7 | 450 | ₹400 |
| 5 | Abu Dhabi | BE | B | 3 | 643 | ₹145 |
| 6 | Manchester | CB | B | 2 | 235 | ₹105 |
| 7 | Barcelona | BE | C | 7 | 353 | ₹150 |

i) List two ways in which the cells in the first row have been formatted.

[2]

ii) Write the text alignment of the column C and E.

[2]

V Write cell references for the following:

[2]

1. Cell formed by intersection of row 20 and column B.

2. Cell formed by intersection of row 100 and column CD

VI Name the type of cell referencing for the given formulas: [2]

1. =B5+D7 2. = \$C9+D\$7 3. = F:12/F13 4. = \$I\$4-\$E\$6

2. Write the cell address of Wrangler, Levis, Diesel and Polo. [2]

| | A | B | C |
|---|-------------|--------|-------------|
| 1 | Brand | Items | No. of Item |
| 2 | Polo | A | 47 |
| 3 | Levis | B | 39 |
| 4 | Lee & Mufti | C | 44 |
| 5 | Killer | D | 44 |
| 6 | Spykar | E | 42 |
| 7 | Wrangler | F | 31 |
| 8 | Diesel | G | 34 |
| 9 | | | |
| | | Sheet1 | Sheet2 |

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