SOFTWARE AND SOFTWARE DEVELOPMENT

TOTAL MARKS:20

QUESTION 1:

(a) A computer has an operating system (OS).

(i) State **three** memory management tasks performed by the OS.

1 ....

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2 ....

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3 ....

....

[3]

(ii) State **two** input/output device management tasks performed by the OS.

1 ....

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2 ....

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[2]

(b) Utility programs are also provided with the OS.

Identify **and** describe **two** different utility programs.

Utility program ....

Description ....

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Utility program ....

Description ....

....

[4]

(c) Some operating systems include library programs.

State **three** benefits to a programmer of using library programs.

1 ....

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2 ....

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3 ....

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[3]

QUESTION 2:

10 Janaka is developing a new computer program. She decides to use an interpreter instead of a compiler.

(a) State **three** benefits of using an interpreter.

1 ....

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2 ....

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3 ....

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[3]

(b) State **one** drawback of using an interpreter.

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.... [1]

QUESTION 3:

4 A computer has system software including an operating system.

(a) Describe the key management tasks of an operating system.

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.... [4]