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Marks	20.00/20.00
Grade	100.00 out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

_____ is designed to solve a specific problem or to do a specific task.

- ☐ a. System Software
- ☐ b. Utility Software
- ☐ c. Operating Software
- ☒ d. Application Software ✓

The correct answer is: Application Software

Question 2

Correct

Mark 1.00 out of 1.00

A lot of scientific projects run on software

- ☒ a. Open source ✓
- ☐ b. Generic
- ☐ c. Expensive
- ☐ d. Proprietary

The correct answer is: Open source

Question 3

Correct

Mark 1.00 out of 1.00

A small office is thinking about getting productivity software for typing up letters and simple spreadsheet modelling. Their need and budget are modest. The best software for this case is...

- ☒ a. Free software ✓
- ☐ b. Bespoke
- ☐ c. None of above
- ☐ d. Off the shelf

The correct answer is: Free software

Question 4

Correct

Mark 1.00 out of 1.00

Advantages of software engineering, except:

- ☐ a. Perangkat lunak yang dihasilkan lebih berkualitas
- ☐ b. Pembangunan perangkat lunak lebih mudah dilakukan
- ☐ c. Penggunaan sumber daya lebih efisien
- ☒ d. Pemograman dapat diselesaikan lebih cepat ✓

The correct answer is: Pemograman dapat diselesaikan lebih cepat

Question 5

Correct

Mark 1.00 out of 1.00

Custom written software is otherwise known as:

- ☐ a. Proprietary
- ☒ b. Bespoke ✓
- ☐ c. Opensource
- ☐ d. Off the shelf

The correct answer is: Bespoke

Question 6

Correct

Mark 1.00 out of 1.00

Examples of software opensource:

- ☐ a. IOs, Coreldraw
- ☐ b. Ms. Windowa, Ms Office
- ☐ c. Android, Adobe Photoshop
- ☒ d. Firefox, Open office ✓

The correct answer is: Firefox, Open office

Question 7

Correct

Mark 1.00 out of 1.00

If an SW engineer is testing a new product and notices that it does not always perform well, the SW engineer should:

- ☒ a. Change the design to try to fix the product, then test the product again ✓
- ☐ b. Quit, because only bad engineers have product ideas that are not perfect.
- ☐ c. Throw away the failed product, start from the earliest step in engineering design
- ☐ d. Ignore the test results and continue to the next step of the Engineering Design Process.

The correct answer is: Change the design to try to fix the product, then test the product again

Question 8

Correct

Mark 1.00 out of 1.00

Microsoft Office, Adobe Photoshop and similar application software is an example of:

- ☒ a. Off the shelf ✓
- ☐ b. Free software
- ☐ c. Bespoke
- ☐ d. Open source

The correct answer is: Off the shelf

Question 9

Correct

Mark 1.00 out of 1.00

Profession included in software engineering, except:

- ☐ a. Business Analyst
- ☐ b. Project Manager
- ☒ c. Project Founder ✓
- ☐ d. UI/UX Designer

The correct answer is: Project Founder

Question 10

Correct

Mark 1.00 out of 1.00

Program that start up the computer and control its operation is:

- ☒ a. System Software ✓
- ☐ b. Application Software
- ☐ c. Operating Software
- ☐ d. Utility Software

The correct answer is: System Software

Question 11

Correct

Mark 1.00 out of 1.00

SDLC stand for:

- ☒ a. Software Development Life Cycles ✓
- ☐ b. Software Development Life Continuously
- ☐ c. Software Development Longterm Cycles
- ☐ d. Structured Development Life Continuously

The correct answer is: Software Development Life Cycles

Question 12

Correct

Mark 1.00 out of 1.00

Software engineering is:

- ☐ a. The application of engineering to the design, construction and maintenance of software in a systematic method
- ☐ b. A study of engineering discipline to manage software project
- ☒ c. All above is true ✓
- ☐ d. A way of systematic and organized approach for SW Engineer to develop an reliable software without any constraints.

The correct answer is: All above is true

Question 13

Correct

Mark 1.00 out of 1.00

Software that control all the computer resources is:

- ☐ a. Utility Software
- ☐ b. Application Software
- ☐ c. Operating Software
- ☒ d. System Software ✓

The correct answer is: System Software

Question 14

Correct

Mark 1.00 out of 1.00

The Engineering Design Process starts by asking three questions about problems that you observe. Which of the questions below is NOT one of the three questions that help you define the problem for the first step of the Engineering Design Process?

- ☐ a. What is the problem or need?
- ☒ b. What materials do I need? ✓
- ☐ c. Who has the problem or need?
- ☐ d. Why is the problem important to solve?

The correct answer is: What materials do I need?

Question 15

Correct

Mark 1.00 out of 1.00

The following is NOT a good reason to use bespoke software:

- ☒ a. All above reason ✓
- ☐ b. Low computer skills of employees
- ☐ c. The requirement to perform a very wide range of tasks
- ☐ d. Special features only needed by one company

The correct answer is: All above reason

Question 16

Correct

Mark 1.00 out of 1.00

The following type of software will typically have the biggest number of users:

- ☐ a. Free software
- ☐ b. Off the shelf
- ☐ c. Bespoke
- ☒ d. Open source ✓

The correct answer is: Open source

Question 17

Correct

Mark 1.00 out of 1.00

The type of software that the users can accomplish various tasks on a computer is:

- ☐ a. Operating Software
- ☐ b. System Software
- ☐ c. Utility Software
- ☒ d. Application Software ✓

The correct answer is: Application Software

Question 18

Correct

Mark 1.00 out of 1.00

What is Software?

- ☐ a. The memory bank of a computer
- ☐ b. The electrical current inside of a computer
- ☒ c. The operating information used by a computer ✓
- ☐ d. The physical parts of a computer

The correct answer is: The operating information used by a computer

Question 19

Correct

Mark 1.00 out of 1.00

What is the Engineering Design Process:

- ☐ a. A computer program about engineering.
- ☐ b. A test that professional engineers take every year to test their knowledge.
- ☒ c. A series of steps that engineers follow to come up with a solution to a problem. ✓
- ☐ d. An assembly line that builds car parts.

The correct answer is: A series of steps that engineers follow to come up with a solution to a problem.

Question 20

Correct

Mark 1.00 out of 1.00

Whatsapps, LINE etc is example of software under falls category:

- ☐ a. Off the shelf
- ☐ b. Proprietary
- ☐ c. Bespoke
- ☒ d. Opensource ✓

The correct answer is: Opensource

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