1. What is/are the challenges associated with healthcare?

     (a) Populations are aging all over the world
     (b) Different diseases are increasing
     (c) Expenditure of hospitals and medical clinic are increasing
     (d) All of the above

Answer: (d)

Justification: Refer to slide 3 of lecture 1 from week 11

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2. The number of persons aged 60 years or over is expected to increase more than _____ during 2017-2050.

     (a) Double
     (b) Triple
     (c) Quadruple
     (d) Quintuple

Answer: (a)

Justification: Refer to slide 4 of lecture 1 from week 11

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3. Which of the following factor(s) is/are considered in authentication in the context of software security?

     (a) Identification of user
     (b) Verification of credentials entered (local or remote)
     (c) Protection of resources
     (d) All of the above

Answer: (d)

Justification: Refer to slide 8 of lecture 4 from week 11.

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4. The key factor(s) of software security in the context of plant security and safety is/are
_____.

        (a) Integrity
        (b) Authentication
        (c) Availability
        (d) All of the above

Answer: (d)

Justification: Refer to slide 6 of lecture 4 from week 11.

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5. What is/are the scope(s) of IoT in the facility management?

        (a) Accessing new insights
        (b) Implementing new technologies
        (c) Addressing cost barriers
        (d) All of the above

Answer: (d)

Justification: Refer to slide 6 of lecture 5 from week 11.

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6. Which resource(s) is/are optimized in the IoT-based facility management system?

        (a) Manpower
        (b) Assets
        (c) Technology
        (d) All of the above

Answer: (d)

Justification: Refer to slide 11 of lecture 5 from week 11.

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7. Which parameter is monitored by the device developed by Dexcom?

    (a) ECG
    (b) Blood
    (c) Glucose
    (d) Respiration rates

Answer: (c)

Justification: Refer to slide 10 of lecture 1 from week 11.

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8. "Asthma is lifelong disease, can be controlled, not cured" _____ state whether the following statement is true or false.

    (a) True
    (b) False

Answer: (a)

Justification: Refer to slide 15 of lecture 1 from week 11

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9. Which of the following parameter(s) is/are monitored by ADAMM?

    (a) Asthma
    (b) Blood pressure
    (c) Body temperature
    (d) Oxygen saturation level

Answer: (a)

Justification: Refer to slide 15 of lecture 1 from week 11.

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10. Select the correct option (s) from the below.

   (a) Google Fit: Keeps track of different physical activities
   (b) Health Assistant: Keeps track of health condition
   (c) Fingerprint Thermometer: Determine body temperature from the fingerprint
   (d) All of the above

Answer: (d)

Justification: Refer to slide 17 of lecture 1 from week 11.

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11. Which of the following feature(s) act(s) as the drivers of IIoT in a power plant?

   (a) Low cost powerful chips
   (b) Standardization with IPV6
   (c) Standardization with software technology
   (d) All of the above

Answer: (d)

Justification: Refer to slide 3 of lecture 2 from week 11.

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12. Which option(s) is/are included in the power flow of a smart grid?

   (a) Generation
   (b) Transmission
   (c) Distribution and consumption
   (d) All of the above

Answer: (d)

Justification: Refer to slide 8 of lecture 2 from week 11

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13. Inventory management activity entails _____.

       (a) Controlling, overseeing, and ordering
       (b) Storage
       (c) Determine supply for sale
       (d) All of the above

Answer: (d)

Justification: Refer to slide 2 of lecture 3 from week 11

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14. What is/are the component(s) of a facility management system?

       (a) Buildings
       (b) Finance
       (c) People
       (d) All of the above

Answer: (d)

Justification: Refer to slide 3 of lecture 5 from week 11

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15. The IoT-based remote patient health monitoring system is more _____.

       (a) Robust
       (b) Costly
       (c) Secure
       (d) All of the above

Answer: (a)

Justification: Refer to Page 279 of Section 14.1 (Introduction) of the book "Introduction to Industrial Internet of Things and Industry 4.0".