

National Testing Agency

Question Paper Name :	Components And Applications Of Internet Of Things 15th Sep 2020 Shift 1
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Components And Applications Of Internet Of Things

Group Number :	1
Group Id :	8995145
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Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

Components And Applications Of Internet Of Things

Section Id :	8995145
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	8995145
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 899514341 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

In which of the following applications can we use deep learning to solve the problem?

- (a) Image classifications
- (b) Protein structure prediction
- (c) Detection of exotic particles
- (d) All of the above

Options :

- 8995141361. 1
- 8995141362. 2
- 8995141363. 3
- 8995141364. 4

Question Number : 2 Question Id : 899514342 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Statement 1: It is possible to train a network well by initializing all the weights as 0.

Statement 2: It is possible to train a network well by initializing biases as 0. Which of the statements given above is true?

- (a) Statement 1 is true and Statement 2 is false
- (b) Statement 1 is false and Statement 2 is true
- (c) Both are true
- (d) Both are false

Options :

8995141365. 1

8995141366. 2

8995141367. 3

8995141368. 4

Question Number : 3 Question Id : 899514343 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Definition of density at a point p is:

- a. number of points within a circle of radius ϵ centered p
- b. diameter of a circle of radius ϵ centered p
- c. radius of a circle of radius ϵ centered p
- d. None of the above

Options :

8995141369. 1

8995141370. 2

8995141371. 3

8995141372. 4

Question Number : 4 Question Id : 899514344 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which one of the following is a Keras model that provides linear stack of layers?

- (a) Dense (b) Sequential (c) Keras functional API (d) Initializer

Options :

8995141373. 1

8995141374. 2

8995141375. 3

8995141376. 4

Question Number : 5 Question Id : 899514345 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

To obtain the list of weights of the layer layer, which of the following function should be used?

- (a) layer.weights() (b) layer.get_weights()
(c) layer.set_weights(weights) (d) layer.input()

Options :

8995141377. 1

8995141378. 2

8995141379. 3

8995141380. 4

Question Number : 6 Question Id : 899514346 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question

Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What types of points are identified by DB-Scan?

- a. Core points
- b. Border points
- c. Noise points
- d. All the above

Options :

8995141381. 1

8995141382. 2

8995141383. 3

8995141384. 4

Question Number : 7 Question Id : 899514347 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is the default activation function for the dense layers in Keras?

- (a) softmax (b) selu (c) linear (d) relu

Options :

8995141385. 1

8995141386. 2

8995141387. 3

8995141388. 4

Question Number : 8 Question Id : 899514348 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A dropout layer is used to

- (a) introduce non-linearity
- (b) prevent overfitting
- (c) to flatten the input
- (d) to reshape the input

Options :

- 8995141389. 1
- 8995141390. 2
- 8995141391. 3
- 8995141392. 4

Question Number : 9 Question Id : 899514349 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Limitations of DB-Scan include:

- a. Varying densities
- b. High-dimensional data
- c. Sensitivity to parameters
- d. All the above

Options :

- 8995141393. 1
- 8995141394. 2
- 8995141395. 3
- 8995141396. 4

Question Number : 10 Question Id : 899514350 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following parameter specifies the number of times model sees the whole training data?

- (a) loss (b) epochs (c) batch size (d) verbose

Options :

8995141397. 1

8995141398. 2

8995141399. 3

8995141400. 4

Question Number : 11 Question Id : 899514351 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following parameter specifies the number of training samples which are seen before updating the weights.

- (a) loss (b) epochs (c) batch size (d) verbose

Options :

8995141401. 1

8995141402. 2

8995141403. 3

8995141404. 4

Question Number : 12 Question Id : 899514352 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the limitation of complete linkage clustering:

- a. Tries to break large clusters
- b. Sensitive to noise
- c. It can't handle non-elliptical shapes
- d. Merges smaller clusters

Options :

- 8995141405. 1
- 8995141406. 2
- 8995141407. 3
- 8995141408. 4

Question Number : 13 Question Id : 899514353 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which one of the following is the compulsory parameter for defining Conv2D() layer in Keras?

- (a) kernel_size (b) strides (c) activation (d) data_format

Options :

- 8995141409. 1
- 8995141410. 2
- 8995141411. 3
- 8995141412. 4

Question Number : 14 Question Id : 899514354 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is the default stride for Conv2D() layer in Keras?

- (a) (1,1) (b) (1,2) (c) (2,1) (d) (2,2)

Options :

- 8995141413. 1
- 8995141414. 2
- 8995141415. 3
- 8995141416. 4

Question Number : 15 Question Id : 899514355 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is a aggregation-based supervised learning

- a. Hidden Markov Model
- b. Kernel regression
- c. Decision tree
- d. Adaboost

Options :

- 8995141417. 1
- 8995141418. 2
- 8995141419. 3
- 8995141420. 4

Question Number : 16 Question Id : 899514356 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An ultrasonic sensor is

- (a) Active sensor (b) Passive sensor (c) Both (d) Neither active nor passive

Options :

8995141421. 1

8995141422. 2

8995141423. 3

8995141424. 4

Question Number : 17 Question Id : 899514357 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Assume that there are four possible states (s_1 , s_2 , s_3 , and s_4) that a robot can occupy. What is the probability that the robot occupies the state s_1 ? Assume a uniform belief.

(a) 1

(b) 0

(c) 0.25

(d) Information is insufficient to determine the probability

Options :

8995141425. 1

8995141426. 2

8995141427. 3

8995141428. 4

Question Number : 18 Question Id : 899514358 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which of the following can be used as a non-linear classifier

- a. Support vector machine
- b. K-means
- c. Linear regression
- d. None of these

Options :

- 8995141429. 1
- 8995141430. 2
- 8995141431. 3
- 8995141432. 4

Question Number : 19 Question Id : 899514359 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The key difference(s) between robotic things in IoRT compared to the things in IoT

- (a) The robotic things are more efficient unlike the things in IoT
- (b) The robotic things can directly move other things physically unlike the things in IoT
- (c) The robotic things are more secure unlike the things in IoT
- (d) The robotic things are can communicate better compared to the things in IoT

Options :

8995141433. 1

8995141434. 2

8995141435. 3

8995141436. 4

Question Number : 20 Question Id : 899514360 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is/are enabled by IoRT over conventional robots

(a) Communication between geographically separated humans and robots

(b) Distributed localization and object recognition

(c) None of the above

(d) Both (a) & (b)

Options :

8995141437. 1

8995141438. 2

8995141439. 3

8995141440. 4

Question Number : 21 Question Id : 899514361 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In which of the following field, machine learning is used extensively

- a. Computational biology
- b. Natural language processing
- c. Computer vision
- d. All of the above

Options :

- 8995141441. 1
- 8995141442. 2
- 8995141443. 3
- 8995141444. 4

Question Number : 22 Question Id : 899514362 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The CRLB for the fisher information matrix $A = [a_1 \ a_2]^T$, where $a_1 = [5 \ 4]$ and $a_2 = [-3 \ 1]$

and T denotes transpose of a matrix, is

- (a) 0.352942
- (b) 0.058824
- (c) -0.058824
- (d) 0.235295

Options :

- 8995141445. 1
- 8995141446. 2
- 8995141447. 3
- 8995141448. 4

Question Number : 23 Question Id : 899514363 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

The Galvanic skin response sensor records the

- (a) Intensity of human emotional state
- (b) Health condition of muscles
- (c) Electrical signals from the heart
- (d) Breathing rate

Options :

- 8995141449. 1
- 8995141450. 2
- 8995141451. 3
- 8995141452. 4

Question Number : 24 Question Id : 899514364 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which one of the following is a standard metric to measure the performance of any machine learning algorithm:

- a. Accuracy
- b. F-measure
- c. Precision
- d. All the above

Options :

- 8995141453. 1
- 8995141454. 2
- 8995141455. 3

8995141456. 4

Question Number : 25 Question Id : 899514365 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is the main spike visible on an ECG line

- (a) P
- (b) ST
- (c) QRS
- (d) PQ

Options :

8995141457. 1

8995141458. 2

8995141459. 3

8995141460. 4

Question Number : 26 Question Id : 899514366 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The sensor node in smart agriculture kit to integrate multiple sensors is called

- (a) Wardmote
- (b) Waspnote
- (c) Sensonode
- (d) Meshlium

Options :

8995141461. 1

8995141462. 2

8995141463. 3

8995141464. 4

Question Number : 27 Question Id : 899514367 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For classification problems with unequal class distributions which of the following is a good performance measure

- a) Accuracy
- b) F-measure
- c) Precision
- d) Recall

Options :

8995141465. 1

8995141466. 2

8995141467. 3

8995141468. 4

Question Number : 28 Question Id : 899514368 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following methods is based on weighted least squares in which previous values taken in account for determining the future value?

- (a) Bayesian method
- (b) Recursive Least Square method
- (c) Kalman filter method
- (d) None of these

Options :

- 8995141469. 1
- 8995141470. 2
- 8995141471. 3
- 8995141472. 4

Question Number : 29 Question Id : 899514369 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

A set of recursive equations to find the optimal gain at each time step is called

- (a) Adaptive least square equations
- (b) Riccati Equations
- (c) Gauss Equations
- (d) Kalman Equations

Options :

- 8995141473. 1
- 8995141474. 2
- 8995141475. 3
- 8995141476. 4

Question Number : 30 Question Id : 899514370 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

F-measure is the _____ of precision and recall

- a. geometric mean
- b. arithmetic mean
- c. weighted mean
- d. harmonic mean

Options :

8995141477. 1

8995141478. 2

8995141479. 3

8995141480. 4

Question Number : 31 Question Id : 899514371 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If X is the random variable and a and b are the constants, the expectation of $aX + b$ is

- (a) $aE(X)$
- (b) $aE(X) + b$
- (c) $a^2 E(X) + b$
- (d) None of these

Options :

8995141481. 1

8995141482. 2

8995141483. 3

8995141484. 4

Question Number : 32 Question Id : 899514372 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The zero-mean and unity-mean features in localization are used to handle

- (a) Device diversity
- (b) Huge volume of data
- (c) Uncertainty of measurements
- (d) None of these

Options :

8995141485. 1

8995141486. 2

8995141487. 3

8995141488. 4

Question Number : 33 Question Id : 899514373 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A standard way of estimating the parameters of machine learning algorithm

- a. With the use of validation set
- b. 1 -fold Cross validation technique
- c. Training and testing
- d. N-fold cross validation

Options :

8995141489. 1

8995141490. 2

8995141491. 3

8995141492. 4

Question Number : 34 Question Id : 899514374 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

If the standard deviation of localization error for Localization Methods A and B are 1 m and 1.5 m, respectively. Which method is good?

- (a) A
- (b) B
- (c) Both are same
- (d) None of these

Options :

8995141493. 1

8995141494. 2

8995141495. 3

8995141496. 4

Question Number : 35 Question Id : 899514375 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

In Kalman Filter, the measurement and process noise are

- (a) Cannot be related
- (b) Same
- (c) Different
- (d) None of these

Options :

- 8995141497. 1
- 8995141498. 2
- 8995141499. 3
- 8995141500. 4

Question Number : 36 Question Id : 899514376 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An example of linear classifier

- a. Decision tree
- b. Hidden markov model
- c. Adaboost
- d. None of the above

Options :

- 8995141501. 1
- 8995141502. 2
- 8995141503. 3
- 8995141504. 4

Question Number : 37 Question Id : 899514377 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The Internet of Things (IoT) paradigm refers as

- (a) network of interconnected things
- (b) Devices such as sensors and/or actuators, equipped with a telecommunication interface
- (c) Processing and storage units
- (d) All of the above

Options :

- 8995141505. 1
- 8995141506. 2
- 8995141507. 3
- 8995141508. 4

Question Number : 38 Question Id : 899514378 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

What is multihop short-range transmission technologies?

- (a) Bluetooth
- (b) 6LoWPAN
- (c) Both (a) & (b)
- (d) None of the above

Options :

- 8995141509. 1
- 8995141510. 2
- 8995141511. 3
- 8995141512. 4

Question Number : 39 Question Id : 899514379 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which is a valid type for cluster validity index:

- a. Internal index
- b. External index
- c. Relative index
- d. All of the above

Options :

- 8995141513. 1
- 8995141514. 2
- 8995141515. 3
- 8995141516. 4

Question Number : 40 Question Id : 899514380 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

For HAN, BAN and IAN communication technology can offer

- (a) 100kbps data rate up to 100m coverage range
- (b) 1000kbps data rate up to 1000m coverage range
- (c) 400kbps data rate up to 100km coverage range
- (d) None

Options :

- 8995141517. 1
- 8995141518. 2
- 8995141519. 3
- 8995141520. 4

Question Number : 41 Question Id : 899514381 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Suitable available communication technologies for HAN applications are

- (a) PLC, ZigBee and mesh network
- (b) WiFi mesh network, Cellular
- (c) Digital Subscriber Line (DSL) and WiMAX
- (d) All of the above

Options :

- 8995141521. 1
- 8995141522. 2
- 8995141523. 3
- 8995141524. 4

Question Number : 42 Question Id : 899514382 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Silhouette index is

- (a) A measurement of cohesion
- (b) A measurement of separation
- (c) A combination of cohesion and separation
- (d) None of the above

Options :

- 8995141525. 1
- 8995141526. 2
- 8995141527. 3

8995141528. 4

Question Number : 43 Question Id : 899514383 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Nanogrid monitoring unit consists of

- (a) Home server
- (b) Grid server
- (c) both (a) & (b)
- (d) None

Options :

8995141529. 1

8995141530. 2

8995141531. 3

8995141532. 4

Question Number : 44 Question Id : 899514384 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Nanogrid control unit consists of

- (a) closed loop voltage control
- (b) reactive power control
- (c) frequency control
- (d) None

Options :

8995141533. 1

8995141534. 2

8995141535. 3

8995141536. 4

Question Number : 45 Question Id : 899514385 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Different ways of evaluating a classification system are:

- a. Accuracy
- b. Scalability
- c. Interpretability
- d. All the above

Options :

8995141537. 1

8995141538. 2

8995141539. 3

8995141540. 4

Question Number : 46 Question Id : 899514386 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A wireless extension to a wired network can eliminate the need for new _____ to be installed.

- (a) Cables
- (b) Access Point
- (c) Router
- (d) Bridges

Options :

- 8995141541. 1
- 8995141542. 2
- 8995141543. 3
- 8995141544. 4

Question Number : 47 Question Id : 899514387 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

A wireless network provides immediate connection anywhere in the wireless range of its _____.

- (a) Access Points
- (b) Gateways
- (c) Routers
- (d) Bridges

Options :

- 8995141545. 1
- 8995141546. 2

8995141547. 3

8995141548. 4

Question Number : 48 Question Id : 899514388 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which one of the following RF band is allocated to the Industrial, Scientific and Medical industry?

- (a) 2.4 GHz to 2.4835 GHz
- (b) 4.9 GHz to 5.825 GHz
- (c) 824 MHz to 849 MHz
- (d) 174 MHz to 220 MHz

Options :

8995141549. 1

8995141550. 2

8995141551. 3

8995141552. 4

Question Number : 49 Question Id : 899514389 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A microprocessor in 1980 used about 10,000 transistors. How many of those microprocessors would fit in a modern chip having 1 billion transistors?

- (a) 100,000 microprocessors
- (b) 100,00 microprocessors
- (c) 100 microprocessors
- (d) None of these

Options :

- 8995141553. 1
- 8995141554. 2
- 8995141555. 3
- 8995141556. 4

Question Number : 50 Question Id : 899514390 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Plausibility in K: It is the ____ of masses of set that intersects with K.

- a) Sum
- b) Product
- c) Difference
- d) None of these

Options :

- 8995141557. 1
- 8995141558. 2
- 8995141559. 3
- 8995141560. 4

Question Number : 51 Question Id : 899514391 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

According to Moore's Law

- (a) wiring complexity doubles approximately every 18 months
- (b) Chips get doubled every 2 months
- (c) Integrated circuits density doubles approximately every 18 months
- (d) None of these

Options :

- 8995141561. 1
- 8995141562. 2
- 8995141563. 3
- 8995141564. 4

Question Number : 52 Question Id : 899514392 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Power Set will contain _____ elements where n is number of elements in the possible set.

- a) 2^{n-1}
- b) $2^{n/2}$
- c) 2^n
- d) None of these

Options :

- 8995141565. 1
- 8995141566. 2
- 8995141567. 3
- 8995141568. 4

Question Number : 53 Question Id : 899514393 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

British entrepreneur first coined the term IoT

- (a) Kevin Ashton
- (b) David Moore
- (c) William Shockly
- (d) Quinn Maclusky

Options :

8995141569. 1

8995141570. 2

8995141571. 3

8995141572. 4

Question Number : 54 Question Id : 899514394 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

If $P(\text{data}|\text{sensor1}) = 0.6$, $P(\text{data}) = 0.5$ and $P(\text{sensor1}) = 0.5$, what is the probability of $P(\text{sensor1}|\text{data})$?

- a) 0.4
- b) 0.5
- c) 0.6
- d) None of these

Options :

8995141573. 1

8995141574. 2

8995141575.3

8995141576.4

Question Number : 55 Question Id : 899514395 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Value telecommunications network is proportional to the square of the number of connected users of the system

- (a) It is called Moore's Law
- (b) It is called Metcalf's Law
- (c) It is called Koomey's Law
- (d) None of these

Options :

8995141577.1

8995141578.2

8995141579.3

8995141580.4

Question Number : 56 Question Id : 899514396 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Dempster-Schafer is a Combination rule is used to combine various types of possibilities. The statement is

- a) True
- b) False
- c) Cannot be said
- d) None of these

Options :

- 8995141581. 1
- 8995141582. 2
- 8995141583. 3
- 8995141584. 4

Question Number : 57 Question Id : 899514397 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Fifth Generation of computers is defined as

- (a) Present and Beyond
- (b) Microprocessors generation
- (c) Transistors
- (d) None of these

Options :

- 8995141585. 1
- 8995141586. 2
- 8995141587. 3
- 8995141588. 4

Question Number : 58 Question Id : 899514398 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

In Demster-Schafer theory, as we add more information, uncertainty interval increases. The statement is

- a) True
- b) False
- c) Cannot be said
- d) None of these

Options :

- 8995141589. 1
- 8995141590. 2
- 8995141591. 3
- 8995141592. 4

Question Number : 59 Question Id : 899514399 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

From Metcalfe's Law of Connectivity 12 computers will have

- (a) 60 connections
- (b) 66 connections
- (c) 50 connections
- (d) 24 connections

Options :

- 8995141593. 1
- 8995141594. 2
- 8995141595. 3

8995141596. 4

Question Number : 60 Question Id : 899514400 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The probability of false alarm should be

- a) Low
- b) High
- c) Moderate
- d) None of these

Options :

8995141597. 1

8995141598. 2

8995141599. 3

8995141600. 4

Question Number : 61 Question Id : 899514401 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Bell's Law states

- (a) A new computer class emerges roughly every year
- (b) A new computer class emerges roughly every 2 years
- (c) A new computer class emerges roughly every decade
- (d) None of these

Options :

8995141601. 1

8995141602. 2

8995141603. 3

8995141604. 4

Question Number : 62 Question Id : 899514402 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In general, the distributed scheme of decision fusion has more accuracy over centralized scheme in IoT networks. The statement is

- a) False
- b) Partially correct
- c) Correct
- d) None of these

Options :

8995141605. 1

8995141606. 2

8995141607. 3

8995141608. 4

Question Number : 63 Question Id : 899514403 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The interface faces of Protocols are

- (a) service interface and peer-to-peer interface
- (b) Network architecture interface
- (c) service architecture
- (d) None of these

Options :

- 8995141609. 1
- 8995141610. 2
- 8995141611. 3
- 8995141612. 4

Question Number : 64 Question Id : 899514404 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

For $M = 5$, $p = 0.6$, $p_0 = 0.3$, $p_1 = 0.65$, the threshold for distributed scheme is

- a) 2
- b) 3
- c) 4
- d) 5

Options :

- 8995141613. 1
- 8995141614. 2
- 8995141615. 3
- 8995141616. 4

Question Number : 65 Question Id : 899514405 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

OSI model has

- (a) five-layer
- (b) four-layer
- (c) seven-layer
- (d) None of these

Options :

8995141617. 1

8995141618. 2

8995141619. 3

8995141620. 4

Question Number : 66 Question Id : 899514406 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Can we use multiple observations from the sensor for decision fusion?

- a) Yes
- b) No
- c) May be
- d) None of these

Options :

8995141621. 1

8995141622. 2

8995141623. 3

8995141624. 4

Question Number : 67 Question Id : 899514407 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An example of Application layer protocols is

- (a) HTTP
- (b) IP
- (c) PPP
- (d) UDP

Options :

- 8995141625. 1
- 8995141626. 2
- 8995141627. 3
- 8995141628. 4

Question Number : 68 Question Id : 899514408 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The distributed scheme is computationally complex than centralized scheme. The statement is

- a) False
- b) Partially false
- c) True
- d) Partially true

Options :

- 8995141629. 1
- 8995141630. 2
- 8995141631. 3
- 8995141632. 4

Question Number : 69 Question Id : 899514409 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

An example of Network layer protocols is

- (a) HTTP
- (b) IP
- (c) PPP
- (d) UDP

Options :

- 8995141633. 1
- 8995141634. 2
- 8995141635. 3
- 8995141636. 4

Question Number : 70 Question Id : 899514410 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

In fusion, we combine heterogeneous sensor data. The statement is

- a) False
- b) Correct
- c) Partially correct
- d) None of these

Options :

- 8995141637. 1
- 8995141638. 2
- 8995141639. 3
- 8995141640. 4

Question Number : 71 Question Id : 899514411 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

IoT system with 250mAh capacity, 3V, the total energy is

- (a) 0.75kJ
- (b) 2.7kJ
- (c) 27kJ
- (d) 7.5kJ

Options :

- 8995141641. 1
- 8995141642. 2
- 8995141643. 3
- 8995141644. 4

Question Number : 72 Question Id : 899514412 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

$P(x=T_I|Y_0^1) = 0.3, P(x=T_I|Y_0^2) = 0.2, P(x=T_I|Y_0^1 Y_0^2) = 0.3, P(x=T_I|Y_1^1) = 0.3, P(x=T_I|Y_1^2) = 0.1$. What is unnormalized $P(x=T_I|Y_1^1 Y_1^2)$?

- a) 0.15
- b) 0.25
- c) 0.35
- d) None of these

Options :

- 8995141645. 1
- 8995141646. 2
- 8995141647. 3
- 8995141648. 4

Question Number : 73 Question Id : 899514413 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A Bluetooth Low energy IoT system with 250mAh capacity, 3V, the standby current is 1 micro amp If the system is not in use how long the system will be active

- (a) approximately 2 years
- (b) approximately 28 years
- (c) approximately 2.8 years
- (d) approximately 2 years

Options :

8995141649. 1

8995141650. 2

8995141651. 3

8995141652. 4

Question Number : 74 Question Id : 899514414 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In Demspter-Shafer Method, the order of measurements

- a) Does matter
- b) Does not matter
- c) Partially matter
- d) None of these

Options :

8995141653. 1

8995141654. 2

8995141655. 3

8995141656. 4

Question Number : 75 Question Id : 899514415 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

A programmable timer device used to ensure that processor is running program is

- (a) Real Time Clock
- (b) Phase Lock Loop
- (c) Watchdog Timer
- (d) Simulation Time Clock

Options :

8995141657. 1

8995141658. 2

8995141659. 3

8995141660. 4

Question Number : 76 Question Id : 899514416 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In Bayesian Method, is it possible to combine data from five sensors?

- a) Yes
- b) No
- c) May be
- d) None of these

Options :

8995141661. 1

8995141662. 2

8995141663. 3

8995141664. 4

Question Number : 77 Question Id : 899514417 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

PLL in microcontroller stands for

- (a) Phase Lock Loop
- (b) Phase Level Loop
- (c) Phase Linear Lock
- (d) Phase Linear Loop

Options :

8995141665. 1

8995141666. 2

8995141667. 3

8995141668. 4

Question Number : 78 Question Id : 899514418 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following is correct?

- a) We extract feature in data level fusion
- b) We extract feature and then fuse it in data level fusion
- c) We fuse data and then extract feature in feature level fusion
- d) We do not need data association in fusion

Options :

- 8995141669. 1
- 8995141670. 2
- 8995141671. 3
- 8995141672. 4

Question Number : 79 Question Id : 899514419 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Which of following ARM processors have longest pipeline?

- (a) Cortex-R processors
- (b) Cortex-A processors
- (c) Cortex-M processors
- (d) ARM9E series

Options :

- 8995141673. 1
- 8995141674. 2
- 8995141675. 3
- 8995141676. 4

Question Number : 80 Question Id : 899514420 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

For a n bit quantizer, number of levels is equal to _____

- a) n
- b) 2^n
- c) n^2
- d) 2n

Options :

8995141677. 1

8995141678. 2

8995141679. 3

8995141680. 4

Question Number : 81 Question Id : 899514421 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In Cortex-M0 and Cortex-M0+ processor, R14 register is a

- (a) stack counter
- (b) link register
- (c) program loader
- (d) program counter

Options :

8995141681. 1

8995141682. 2

8995141683. 3

8995141684. 4

Question Number : 82 Question Id : 899514422 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

_____ is a delayed decision coding technique.

- a) Adaptive quantization
- b) Uniform quantization
- c) Vector quantization
- d) Non-uniform quantization

Options :

- 8995141685. 1
- 8995141686. 2
- 8995141687. 3
- 8995141688. 4

Question Number : 83 Question Id : 899514423 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Processor used in high performance power microcontrollers are

- (a) Cortex-M0 processor
- (b) Cortex-M3 processor
- (c) Cortex-M1 processor
- (d) Cortex-M7 processor

Options :

- 8995141689. 1
- 8995141690. 2
- 8995141691. 3
- 8995141692. 4

Question Number : 84 Question Id : 899514424 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Point out the wrong statement.

- a) k-means clustering is a method of vector quantization
- b) k-means clustering aims to partition n observations into k clusters
- c) k-nearest neighbor is same as k-means
- d) none of the mentioned

Options :

- 8995141693. 1
- 8995141694. 2
- 8995141695. 3
- 8995141696. 4

Question Number : 85 Question Id : 899514425 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

When data is decoded by processor, it is

- (a) initialized
- (b) decoded
- (c) deleted
- (d) executed

Options :

- 8995141697. 1
- 8995141698. 2
- 8995141699. 3
- 8995141700. 4

Question Number : 86 Question Id : 899514426 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which of the following combination is incorrect?

- a) Continuous – euclidean distance
- b) Continuous – correlation similarity
- c) Binary – manhattan distance
- d) None of the mentioned

Options :

- 8995141701. 1
- 8995141702. 2
- 8995141703. 3
- 8995141704. 4

Question Number : 87 Question Id : 899514427 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The instructions like MOV or ADD in ARM ISA are called as _____

- (a) OP-Code
- (b) Operators
- (c) Commands
- (d) None of the mentioned

Options :

- 8995141705. 1
- 8995141706. 2
- 8995141707. 3
- 8995141708. 4

Question Number : 88 Question Id : 899514428 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In vector quantization, the decision boundary is decided by bisector. The statement is

- a) False
- b) Correct
- c) None of these
- d) All of the above

Options :

8995141709. 1

8995141710. 2

8995141711. 3

8995141712. 4

Question Number : 89 Question Id : 899514429 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The instruction, MLA R0,R1,R2,R3 in ARM ISA performs _____

- (a) $R0 \leftarrow [R1] + [R2] + [R3]$.
- (b) $R3 \leftarrow [R0] + [R1] + [R2]$.
- (c) $R0 \leftarrow [R1] * [R2] + [R3]$.
- (d) $R3 \leftarrow [R0] * [R1] + [R2]$.

Options :

8995141713. 1

8995141714. 2

8995141715. 3

8995141716. 4

Question Number : 90 Question Id : 899514430 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Power loss in multipath scenario is given by

- a) Squared distance
- b) Cubic of distance
- c) Fourth power of distance
- d) None of these

Options :

- 8995141717. 1
- 8995141718. 2
- 8995141719. 3
- 8995141720. 4

Question Number : 91 Question Id : 899514431 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Embedded C programming language support _____ instructions of normal "C" language

- (a) All
- (b) Some
- (c) Specific
- (d) None

Options :

- 8995141721. 1
- 8995141722. 2
- 8995141723. 3
- 8995141724. 4

Question Number : 92 Question Id : 899514432 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

LEACH protocol is

- a) Low-energy adaptive communication hierarchy
- b) Low-efficiency adaptive clustering hierarchy
- c) Low-energy adaptive clustering hierarchy
- d) None of these

Options :

8995141725. 1

8995141726. 2

8995141727. 3

8995141728. 4

Question Number : 93 Question Id : 899514433 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which software is used to control products and systems in IOT for the consumer and industrial markets?

- (a) System software
- (b) Artificial intelligence software
- (c) Embedded software
- (d) Engineering and scientific software

Options :

8995141729. 1

8995141730. 2

8995141731. 3

8995141732. 4

Question Number : 94 Question Id : 899514434 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The energy consumption will decrease with number of clusters. The statement is

- a) False
- b) True
- c) Cannot be said
- d) None of these

Options :

8995141733. 1

8995141734. 2

8995141735. 3

8995141736. 4

Question Number : 95 Question Id : 899514435 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Probable definition of IoT is

- (a) Sensor integrated devices to enable IoT connectivity
- (b) Two way communication, offers option to all the devices
- (c) Solution managing all the connections offer unlimited integration
- (d) All of the above

Options :

8995141737. 1

8995141738. 2

8995141739. 3

8995141740. 4

Question Number : 96 Question Id : 899514436 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

In LEACH protocol, the optimal number of clusters is function of

- a) Number of nodes and Size of network
- b) Distance to Base station
- c) Energy consumed by power amplifier of transmitter
- d) All of the above

Options :

8995141741. 1

8995141742. 2

8995141743. 3

8995141744. 4

Question Number : 97 Question Id : 899514437 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Machine to Machine (M2M) can be

- (a) Wired, wireless, cellular, etc
- (b) Mostly one way, based on triggered actions
- (c) Requires particular communication rules, resulting minimal integration
- (d) All of the above

Options :

8995141745. 1

8995141746. 2

8995141747. 3

8995141748. 4

Question Number : 98 Question Id : 899514438 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

E_{elec} is the function of coding modulation, filtering and spreading of the signal. The statement is

- a) False
- b) True
- c) Cannot be said
- b) None of these

Options :

8995141749. 1

8995141750. 2

8995141751. 3

8995141752. 4

Question Number : 99 Question Id : 899514439 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Smart patrolling system management comes under which network?

- (a) HAN & NAN
- (b) NAN & WAN
- (c) HAN & WAN
- (d) All of the above

Options :

8995141753. 1

8995141754. 2

8995141755. 3

8995141756. 4

Question Number : 100 Question Id : 899514440 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0

Probable definition of IoT is

- (a) Digital connectivity among various devices to communicate
- (b) Tandom work, work instructions given among devices
- (c) Interchange of data is huge as it involves devices, machines, people, things, etc
- (d) All of the above.

Options :

- 8995141757. 1
- 8995141758. 2
- 8995141759. 3
- 8995141760. 4