



DAILY QUIZ SEPTEMBER-2017

ICT

Q1 Which is correct about the 'Bhuvan Ganga app'?

1. It will facilitate public to upload pictures of pollution sources of the Ganga River
2. It is a crowd sourcing technology
3. It is developed by ISRO

Choose the correct option from below:

- A. 1 and 2 only
- B. 2 and 3 only
- C. All of the above
- D. None of the above

Q2 what is VoLTE service:

- A. LTE-enabled technology that significantly improves the clarity of voice calls using Internet data.
- B. Efficiency in steady voltage supply technology by power distributors.
- C. There is dependency on the legacy circuit-switched voice network to be maintained
- D. VoLTE has up to six times more voice and data capacity than 3G UMTS.

Q3 which of the following statements is/are true about Artificial Intelligence?

1. It includes those machines which mimics the cognitive functions which are associated with a usual human mind
2. A computer program with an AI can answer the generic questions it meant to solve
3. AI programs can absorb new modifications by putting highly independent pieces of information together.

Select the correct answer using the codes given below:

- A. 1 and 3
- B. 2 and 3
- C. None
- D. All of the above

Q4 Hyper loop project coming up in India is associated with:

- A. Space technology

- B. Cancer treatment
- C. Ultra high speed transportation technology
- D. Genetically modified variety of brinjal technology

Q5 UPI based payment app 'Tez' is developed by:

- A. Facebook
- B. Microsoft
- C. Nokia
- D. Google

Q6 which of the following statements is incorrect with respect to aerogel?

- A. It is a synthetic porous material in which the liquid component of the gas has been replaced with a gas.
- B. It has high density and high thermal conductivity
- C. It acts as chemical absorber for cleaning up of oil spoils
- D. T is used for filtration of heavy metals due to its high surface area and porosity

Q7 APEDA developed Hortinet' mobile application will:

- (1) Ensure that all food products in the EU are safe for European citizens to eat
- (2) Prevent contaminated products from reaching consumers.
- (3) Minimising disruption to trade
- (4) Improve food Imports to India

Select the correct answer using the code given below:

- A. 1,2 and 3
- B. 1,3,and 4
- C. 1,2,3 and 4
- D. All of the above

Q8 The Internet of things recently seen in news, provides basis for which of the following:

- 1. Net Neutrality
- 2. Smart City
- 3. Digital India

Select the correct answer using the code given below:

- A. 1 only
- B. 2 only
- C. 2 and 3 only
- D. 1,2 and 3

Q9 Consider the following statements related to the AMOLED display technology of the smart phone:

1. AMOLED display can be used to any display size.
2. AMOLED display have further faster refresh rate and higher contrast ratio
3. AMOLED display consumes less power when darker colours are displayed.

Which of the above stated features is/are correct?

- A. 1 and 3
- B. 2 and 3
- C. 1 and 2
- D. All the above

Q10 The UMANG application is:

- A. A unified platform where multiple government services can be accessed by user
- B. A web based mechanism that interconnects all blood banks of the state into a single network
- C. To create an effective linkage between UIDAI and AIIMS
- D. None of the above

Q11 Scientists from Harvard University's Paulson School of Engineering and Applied Sciences created a bio-glue to heal wounds. The gel has been inspired by an adhesive material secreted by

- A. Worms
- B. Cuttlefish
- C. Slugs
- D. Scallop

Q12 Machine-to-machine technology is also known as which of the following?

- A. Radio frequency identification
- B. Internet of Things (IOT)
- C. Performance review software
- D. None of the above

Q13 which of these statements about M2M is incorrect?

- A. M2M technology supports wired or wireless communication between machines.
- B. M2M is used in telemetry, data collection, robotics and remote monitoring.
- C. M2M contributes to the growth of mobile data traffic.
- D. M2M eliminates vulnerabilities

Q14 which of the following is/are types of 'Internet Fraud'

- 1. Catfishing
- 2. Cramming
- 3. Click Farm

Select the correct code:

- A) 1 and 2
- B) Only 1
- C) 2 and 3
- D) All of the above

Q15 which of the following statement correctly defines the term 'grey goo' in nanotechnology?

- A. It is scenario in which out of control self-replicating robots will consume all biomass on earth while building more of them.
- B. It is a process of increasing the safety of cars by improving the adhesion of tyres to the road
- C. It is process of improving the food security of the world by use of nanoparticles
- D. None of the above

Q16 Recent study of data from NASA's Moon Mineralogy Mapper that pictured the first global map of water on Moon's soil was calibrated through which of the following aircrafts from ISRO?

- A) Chandrayaan-1
- B) SARAL
- C) GSAT-7
- D) Bhaskara

Q17 The Union Ministry of Earth Sciences (MoES) has launched which app for dissemination of earthquake parameters?

- A. Bharat wake
- B. India Quake
- C. Quake Shell
- D. Sagar Pani

Q18 What are gyroplanes ?

- A. Airplane made for purpose of cloud seeding.
- B. Aircraft that combine the features of an aeroplane and a helicopter.
- C. New class fighter planes inducted into air force.
- D. None of the above.

Q19 Comprehensive Integrated Border Management System (CIBMS) for 24x7x365 surveillance of the border through technology is outcome of which committee?

- A. Madhukar Gupta
- B. T.S.R. Subramaniam
- C. Bibeka Debroy
- D. Nachiket more

Q20 What is CARB X that is recently in news ?

- A. Carbon sequestration technique developed by London based research group
- B. It dietary innovation to fight obesity
- C. Public-private international on innovation to improve diagnosis and treatment of drug resistance
- D. Satellite launched to gather information on increasing carbon concentration in the atmosphere on daily basis.

Q21 Choose the correct statements from below :

1. Canada's D-Wave Systems, is a pioneer in developing quantum computers.
2. Quantum computer employs the principles of quantum mechanics to store information in 'qubits' instead of the typical 'bits' of 1 and 0.

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q22 Recently hyperspectral imaging technology was in news. What is about

- A. Technology to map outer space
- B. Technology to check soil component
- C. Technology to cancer treatment.
- D. Vision technique in railway sector

Q23 With reference to 'Radio Frequency Identification Technology (RFID) Tag', which of the following statements is/are correct?

1. It serves the same purpose as a barcode
2. It can be read from up to a few meters away
3. It does not need to be within direct line-of-sight of the reader to be read/tracked

Select the correct answer using the code given below:

- A. 1 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3



