Satellite SOS: Activate Emergency Services on iPhone & Pixel

Description

In light of Hurricane Milton becoming the second major hurricane to impact the US in less than a month, the nation's infrastructure is facing significant strain. Following a natural disaster when power and cellphone service are disrupted, the ability to connect to emergency services and communicate with loved ones via satellite on your smartphone can be a crucial lifeline.

Apple's Emergency SOS via satellite feature, available on iPhone models 14, 15, and 16, as well as Google's Satellite SOS on Pixel 9 phones, offer the capability to reach emergency services using satellite communication without the need for cellular service or Wi-Fi. These services do not require any prior setup and can be accessed by simply dialing 911 from a supported phone.

Moreover, the new Messages via satellite functionality on newer iPhones, introduced with the latest iOS 18 update, allows individuals to communicate with friends and family members via satellite messaging. While not intended for emergencies like the SOS service, this feature has proven invaluable in enabling individuals affected by disasters such as Hurricane Helene to reassure others of their well-being.

To utilize the iPhone's satellite messaging capabilities, users must ensure their device is compatible and meet certain criteria such as being in the US or Canada, having an active SIM card, and carrier support. The services offered by Apple and Android are accessible to those with compatible hardware and are presently free of charge, though a clear view of the open sky is necessary for optimal functionality.

Furthermore, detailed instructions on how to make use of Emergency SOS messaging on an iPhone and Satellite SOS messaging on a Pixel 9 device are provided, emphasizing the importance of preparation and setup to ensure seamless communication during emergencies. Additionally, guidance on setting up and using satellite messaging and sharing one's location via satellite on an iPhone is presented, underscoring the significance of these features in critical situations.

Vocabulary List:

1. **Infrastructure** /ˈɪn.frəˌstrʌk.tʃər/ (noun): The basic physical and organizational structures and facilities needed for the operation of a society.
2. **Disaster** /dɪˈzæs.tər/ (noun): A sudden event causing great damage or loss of life.
3. **Capability** /ˌkeɪ.pəˈbɪl.ɪ.ti/ (noun): The ability or power to do something.
4. **Emergency** /ɪˈmɜːr.dʒən.si/ (noun): A serious unexpected and often dangerous situation requiring immediate action.
5. **Functionality** /ˌfʌŋk.ʃəˈnæl.ɪ.ti/ (noun): The quality of being suited to serve a purpose well; practical utility.
6. **Communication** /kəˌmjuː.nɪˈkeɪ.ʃən/ (noun): The act of transferring information from one place to another.

Comprehension Questions

Multiple Choice

1. Which hurricanes impacted the US recently, causing strain on the nation's infrastructure?

   Option: Hurricane Helene and Hurricane Milton
   Option: Hurricane Harvey and Hurricane Florence
   Option: Hurricane Milton and Hurricane Irma
   Option: Hurricane Dorian and Hurricane Michael

2. Which phone models can access Apple's Emergency SOS via satellite feature?

   Option: iPhone 11, iPhone 12, and iPhone 13
   Option: iPhone 14, iPhone 15, and iPhone 16
   Option: iPhone X, iPhone XS, and iPhone 11 Pro
   Option: iPhone SE, iPhone XR, and iPhone 12 Mini

3. Who offers the Satellite SOS feature on Pixel 9 phones?

   Option: Samsung
   Option: Apple
   Option: Google
   Option: Huawei

4. What functionality was introduced with the latest iOS 18 update for iPhones?

   Option: Facial recognition
   Option: Messages via satellite
   Option: Augmented Reality games
   Option: Health monitoring app

5. In which countries are the satellite messaging services offered by Apple and Android accessible?

   Option: Europe and Asia
   Option: Australia and South America
   Option: US and Canada
   Option: Africa and Middle East

6. What is a necessary requirement for optimal functionality of satellite messaging on smartphones?

   Option: Waterproof casing

Option: Night vision camera
Option: Clear view of the open sky
Option: Voice recognition software

True-False

7. The Messages via satellite feature on iPhones is designed for emergency communication.

8. Satellite messaging on iPhones requires a prior setup to be accessed in case of emergencies.

9. Having an active SIM card is a criteria to use the satellite messaging capabilities on iPhones.

10. The Satellite SOS messaging on Pixel 9 devices is presently offered at a fee.

11. Satellite messaging can be used for sharing one's location during emergencies on an iPhone.

12. Detailed instructions for setting up Emergency SOS messaging are provided for Pixel 9 phones.

Gap-Fill

13. The Messages via satellite functionality on newer iPhones was introduced with the latest iOS

_____ update.

14. To access the Emergency SOS messaging on iPhone models 14, 15, and 16, users simply need to dial

_____ from their supported phone.

15. Users must ensure their device is in the US or Canada, has an active SIM card, and carrier support to

utilize the iPhone's satellite messaging capabilities, making it necessary for optimal

_____ during emergencies.

16. Detailed instructions are provided on how to make use of Emergency SOS messaging on an iPhone and

Satellite SOS messaging on a Pixel 9 device, highlighting the importance of _____

and setup for seamless communication in critical situations.

17. Satellite messaging and sharing one's location via satellite on an iPhone underscore the significance of

these features in _____ situations.

18. The Satellite SOS messaging feature on Pixel 9 phones is accessible without the need for cellular service

or _____ .

Answer

Multiple Choice: 1. Hurricane Helene and Hurricane Milton 2. iPhone 14, iPhone 15, and iPhone 16 3. Google
4. Messages via satellite 5. US and Canada 6. Clear view of the open sky
True-False: 7. False 8. False 9. True 10. False 11. True 12. False
Gap-Fill: 13. 18 14. 911 15. functionality 16. preparation 17. critical 18. Wi-Fi

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. Which word describes an intention to do harm?

   Option: Disseminated
   Option: Malicious
   Option: Anticipated
   Option: Confidential

2. Which word means intended to be kept secret?

   Option: Ambiguous
   Option: Confidential
   Option: Unpredictability
   Option: Disaster

3. What term is used to describe the path followed by a projectile flying or an object moving under the action of given forces?

   Option: Classified
   Option: Altitude

Option: Trajectory

Option: Radiation

4. Which word refers to a serious unexpected and often dangerous situation requiring immediate action?

Option: Functionality

Option: Emergency

Option: Communication

Option: Authorization

5. What term describes a sudden event such as an accident or a natural catastrophe that causes great damage or loss of life?

Option: Mitigation

Option: Malfunction

Option: Disaster

Option: Capability

6. Which word refers to an instance of one moving object or person striking violently against another?

Option: Revamp

Option: Anticipated

Option: Collision

Option: Deflection

7. Which term describes information or materials officially declared to be secret or confidential?

Option: Steadfast

Option: Revamp

Option: Anticipated

Option: Classified

8. Which word best describes things that create enthusiasm and eagerness?

Option: Upgrade

Option: Unveil

Option: Exciting

Option: Products

9. Which term means increasing rapidly in numbers; multiplying?

Option: Disseminated

Option: Anticipated

Option: Proliferating

Option: Clandestine

10. Which term refers to the quality of being suited to serve a purpose well; practicality?

Option: Infrastructure

Option: Disaster

Option: Capability
Option: Functionality

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. The instructions were so _____ that no one could figure out what to do.

12. The spy operation was carried out in a _____ manner to avoid detection.

13. The airplane climbed to a high _____ to avoid turbulence.

14. Efforts for environmental _____ must be taken to reduce the impact of climate

change.

15. The company decided to _____ their website to improve user experience.

16. The new software update is highly _____ by users for its improved features.

17. It is time to _____ our mobile phones to the latest model for better performance.

18. The volatility of the stock market is due to its inherent _____ .

19. Effective _____ is crucial for any successful team collaboration.

20. You will need _____ from your supervisor before you can access the classified

documents.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Wearing lead aprons protects medical staff from unnecessary exposure to harmful .
22. The government invested in improving the country's transportation to boost economic growth.
23. The new fighter jet has advanced technology that enhances its combat .
24. The spacecraft experienced a critical during re-entry causing a delay in the mission.
25. The company launched a range of eco-friendly to cater to environmentally conscious consumers.

26. Despite facing numerous challenges Anna remained in her commitment to her goals.

27. The organization information about the upcoming event through social media and press releases.

28. The candidate's response to the interview question was so that the panel was unsure of his intentions.

29. The goalie made an incredible save by perfectly timing his of the soccer ball.

30. The spy's activities went undetected by the authorities for years.

Answer

Multiple Choice: 1. Malicious 2. Confidential 3. Trajectory 4. Emergency 5. Disaster 6. Collision 7. Classified 8. Exciting 9. Proliferating 10. Functionality

Gap-Fill: 11. ambiguous 12. clandestine 13. altitude 14. mitigation 15. revamp 16. anticipated 17. upgrade 18. unpredictability 19. communication 20. authorization

Matching sentence: 1. radiation 2. infrastructure 3. capability 4. malfunction 5. products 6. steafast 7. disseminated 8. ambigous 9. deflection 10. clandestine

CATEGORY

1. Sci/Tech - LEVEL6

Date Created
2024/10/09
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