**Unit 5 +6**

1. The Huawei Mate 10 Pro runs Android 8.0 OS with Huawei’s EMUI 8.0 user \_\_\_\_\_\_\_\_\_\_ over on top.

A. software B. interface C. battery D. internet

2. One welcome improvement for the base model of the iPhone 8 is the storage capacity. It comes in 64GB and 256GB.

A. configuration B. card C. bandwidth D. USB

3. When I navigated around the desktop, the touchpad was extremely \_\_\_\_\_\_\_\_\_\_ and responded immediately to gestures.

A. accurate B. spare C. technical D. free

4. Apple's new MacBook includes a wider, more \_\_\_\_\_\_\_\_\_\_\_ touchpad, giving you more room than ever to use Force Touch.

A. spacious B. reliable C. cheap D. reasonable

5. The ASUS GL752VW gaming laptop is powered by a \_\_\_\_\_\_\_\_\_6th-generation Intel Core i7 quad-core processor.

A. medium B. powerful C. warranty D. license

6. The ASUS GL752VW’s \_\_\_\_\_\_\_\_ build quality and unique design will be sure to stand out from the crowd.

A. cost B. powerful C. training D. premium

7. With 1.6-GHz Intel Celeron processor and Intel HD Graphics, the Chromebook 3 has the \_\_\_\_\_\_\_\_\_ you need for handling web surfing and word processing.

A. charger B. cable C. performance D. reader

8. Our \_\_\_\_\_\_\_\_\_ is that with Chrome OS, the Chromebook 3 is a solid choice for students and anyone who primarily uses their laptop to surf the web.

A. cable B. support C. panel D. verdict

9. LG Electronics has recently revealed its new super \_\_\_\_\_\_\_\_\_television that promises the ultimate viewing experience – the Digital LED LCDTV.

A. version B. price C. sleek D. verdict

10. LG OLED TVs can deliver deep blacks, strikingly \_\_\_\_\_\_\_\_\_\_ pictures and excellent viewing angles.

A. cable B. features C. cloud computing D. sharp

11. \_\_\_\_\_\_\_\_\_\_\_\_ is a key feature of high-definition monitors.

A. They are used for audio output C. They compress video signals  
B. They offer sharp and clear visuals D. They provide wireless connectivity

12.\_\_\_\_\_\_\_\_\_ are local participants in a video conference.

A. People who connect from other countries C. People managing the control panel  
B. People present in the same physical location D. People operating the video camera

13. \_\_\_\_\_\_\_\_ is the role of a microphone in a video conferencing setup.

A. To display video C. To compress data  
B. To capture and transmit audio D. To store announcements

14. \_\_\_\_\_\_\_\_\_\_\_ controls the video conferencing system from a distance, without wires.

A. Dedicated system C. Remote control

B. Remote participants D. MCU

15. **B2C** of transactions refers to \_\_\_\_\_\_\_\_\_\_   
A. A business and a government C. A business and individual consumers  
B. Two businesses D. Two local participants

16. A data security system which is used over the Internet and other open networks is called:\_\_\_\_\_\_\_\_\_\_\_  
A. VPN C. Firewall  
B. SSL D. IDS

17. \_\_\_\_\_\_\_\_\_\_ is adding keywords to a file (e.g. a document to photograph) to make it easier to find.  
A. Editing B. tagging C. Deleting D. Renaming

18. \_\_\_\_\_\_\_\_\_\_\_are documents that outline the standard ways of doing things within an organization.   
A. Informal suggestions B. A list of goals C. policies and procedures D. Personal instructions

19. \_\_\_\_\_\_\_\_\_\_A system for having conversations using short written messages on the Internet.

A. instant messaging B. Sending emails C. Posting public updates D. A method of communicating.

20. \_\_\_\_\_\_\_\_\_ is saving an old file in a special place because you don’t use it very often but might want to use it later.

A. archiving B. deleting C. sharing D. updating

**GRAMMAR UNIT 5+6**

1. A: Hard drives are getting cheaper. – B: I think we should \_\_\_\_\_\_\_ a bit before buying more of them.

A. wait B. waiting C. waits D. to wait

1. A: Our website is getting slower. – B: Maybe we need a faster server.

A. are getting B. getting C. is getting D. gets

3. A: Our forum is becoming \_\_\_\_\_\_\_\_ popular. – B: Great. That’s just what we want.

A. many B. more and more C. much D. more than

4. If we were a big company, we \_\_\_\_\_\_\_\_ an expensive video conferencing system.

A. buy B. would buy C. are buying D. will buy

5. If we \_\_\_\_\_\_\_\_\_\_ a video conferencing system, our travel costs could go down a lot.

A. got B. get C. will get D. would get

6. If we \_\_\_\_\_\_\_\_\_\_ a MCU, video conferencing would only work with two locations.

A. don’t have B. not have C. didn’t have D. isn’t having

7. If we didn’t have a high-speed internet connection, data \_\_\_\_\_\_\_\_\_\_\_ quickly enough.

A. wouldn’t transfer B. won’t transfer C. would transfer D. will transfer

8. If we didn’t have a dedicated room for the equipment, we \_\_\_\_\_\_\_\_ hire a room each time.

A. have to B. has to C. will have to D. would have to

9. If the company had an ESN system now, communication between departments and countries \_\_\_\_\_\_\_\_\_\_ easier and more efficient.

A. would be B. would C. will be D. will

10. We use small data files, \_\_\_\_\_\_\_\_\_\_\_ cookies, to store information about user preferences and improve website functionality.

A. call B. called C. calling D. to call

11. EDI (Electronic Data Interchange) format allows businesses \_\_\_\_\_\_\_\_\_\_ documents electronically in a standardized format.

A. exchanges B. to exchanging C. to exchange D. exchange

12. We use EDI, \_\_\_\_\_\_\_\_\_\_ is a way of sharing data between components of a business system, reducing manual data entry.

A. which B. that C. who D. whom

13. We use cloud storage services, such as Google Drive, \_\_\_\_\_\_\_\_\_ files online and access them from any device.

A. save B. to save C. for save D. saves

14. API (Application Programming Interface) technology enables different software applications \_\_\_\_\_\_\_\_\_\_ with each other effectively.

A. to communicating B. communicate C. to communicate D. communicates

15. We use firewalls, which are designed to block unauthorized access, to protect our network and sensitive data.

A. who B. that C. which D. whom

16. It would be great to know how data encryption \_\_\_\_\_\_\_\_ and how to secure sensitive information.

A. works B. work C. to work D. working

17. It would be interesting \_\_\_\_\_\_\_\_\_ how cloud computing operates and how it stores data remotely.

A. understanding B. to understand C. for understand D. understand

18. Could you \_\_\_\_\_\_\_\_\_ how to set up a secure network connection or troubleshoot connectivity issues?

A. to explain B. explaining C. explains D. explain

19. Could you \_\_\_\_\_\_\_\_\_ me how to use the ESN system or document collaboration features?

A. to tell B. telling C. tell D. tells

20. Could you \_\_\_\_\_\_\_\_\_ about managing user accounts or configuring access permissions?

A. learn B. learning C. to learn D. learns

**Task 1. Read the passage and choose a, b, c or d to answer the questions**

An old adage claims that bigger is better, but is the Amazon Fire HD 10 - the company's biggest tablet - Amazon's best slate yet?

**Design**

The Fire HD 10's matte shell is made of plastic that feels more reliable than it looks. Weighing 1.1 pounds and measuring 0.4 inches thick, the Fire HD 10 is slightly thicker than theLenovo Tab 4 (0.3 inches), and 0.3 pounds heavier than the Fire HD 8.

**Display**

The Fire HD 10's 1920 x 1200-pixel panel produces bright and vivid images, making a case for its 10.1-inch screen. When reading an issue in the Comics app, I found the screen ideal for reading graphic novels. It provides high resolution for clear text, and the slate is also similar in size to a physical trade paperback.

**Performance**

Armed with a 1.8 GHz CPU and 2GB of RAM, the Fire HD 10 is a zippy tablet. While there's a slight pause when opening apps and switching tabs, those are acceptable, considering that navigating home screen and using app switcher is snappier than ever.

**Battery Life**

The Fire HD 10's battery life is decent, but still slightly disappointing. Making it 9 hours 4 minutes on the Battery Test, the HD 10 lasts longer than the Fire 7 (6:53), but shorter than the less-expensive Fire HD 8 (10:58) and the 9:28 tablet average.

**Software**

Amazon's Fire OS is great for those who rely on Prime services. If you're one of those people, you have built-in apps for movies, TV and books. However, Fire tablets don't support any Google apps. You can side-load them, but changing your settings to allow apps installed from any source will lower your security.

**Configuration Options**

The entry-level Fire HD 10 comes with 32GB of storage and costs $150, though you can get it with 64GB of space for $190. As is the case with all Amazon tablets, you'll pay $15 extra to stop it from displaying its ads on your lock screen.

**Bottom Line**

Of all the tablets we've tested, the Fire HD 10 packs both the best screen and the fastest performance. Unfortunately, we were hoping its larger size could enable more battery life, and we're not exactly giddy to spend so much on a slate that can't use Google apps.

1. How heavy is the Amazon Fire HD 8?

A. 0.3 pounds

B. 0.8 pounds

C. 1.1 pounds

D. 1.4 pounds

2. On average, how long does the battery life of a tablet last?

A. 6 hours 53 minutes

B. 9 hours 4 minutes

C. 9 hours 28 minutes

D. 10 hours 58 minutes

3. What feature is NOT integrated into the Fire HD 10?

A. Google apps

B. Comics app

C. Movies app

D. Prime services

4. How much do you have to pay for the 64GB Fire HD 10 with stopped ads?

A. $150

B. $165

C. $190

D. $205

5. According to the review, what is the con of the Fire HD 10?

A. Display

B. Performance

C. Battery Life

D. Price

**Task 2. Read the passage and choose a, b, c or d to answer the questions**

**Information Systems Ethics**

The term *ethics* is defined as “a set of moral principles” or “the principles of conduct governing an individual or a group.” Since the dawn of civilization, the study of ethics and their impact has fascinated mankind. But what do ethics have to do with information systems?

The introduction of new technology can have a profound effect on human behavior. New technologies give us capabilities that we did not have before, which in turn create environments and situations that have not been specifically addressed in ethical terms. Those who master new technologies gain new power; those who cannot or do not master them may lose power. In 1913, Henry Ford implemented the first moving assembly line to create his Model T cars. While this was a great step forward technologically (and economically), the assembly line reduced the value of human beings in the production process. The development of the atomic bomb concentrated unimaginable power in the hands of one government, who then had to wrestle with the decision to use it. Today’s digital technologies have created new categories of ethical dilemmas.

For example, the ability to anonymously make perfect copies of digital music has tempted many music fans to download copyrighted music for their own use without making payment to the music’s owner. Many of those who would never have walked into a music store and stolen a CD find themselves with dozens of illegally downloaded albums.

Digital technologies have given us the ability to aggregate information from multiple sources to create profiles of people. What would have taken weeks of work in the past can now be done in seconds, allowing private organizations and governments to know more about individuals than at any time in history. This information has value, but also chips away at the privacy of consumers and citizens.

1. What term refers to a set of moral principles?

A. principles B. ethics C. pounds D. download

2. What can the introduction of new technology have a major impact on?

A. human behavior B. profound effect C. capabilities D. new categories

3. When was the moving assembly line first introduced?

A. in 1994 B. in 1992 C. in 1995 D. in 1993

4. Who was struggling with decision to use atomic bomb?

A. music fans B. human C. the company D. the government

5. What do digital technologies allow us to do with information from various sources?

A. value B. aggregate C. make D. download

**Task 3: Read the passage and choose a, b, c or d to answer the questions**

Apple Watch is the world’s best-selling watch, and Apple Watch Series 3 apparently does something many have wanted from the start - it can potentially replace your phone.

**Screen**

The OLED screen is the same as before. It’s beautifully bright and colorful. All interactions with the watch are carried out using the responsive touchscreen, which is a joy to use.

**No Phone Needed**

If you choose Apple Watch Series 3, you’ll get a watch with a built-in e SIM, ready to connect to a cellular network and enable operation without your phone. It’s a virtual one that uses the same number as your phone, so all the usual phone-based activities are replicated on your wrist.

Making a phone call is straightforward enough, but hearing the caller when outside is a challenge as the speaker isn’t very loud. Apple’s I Messages can be sent and replied to, using the scribble system, or simply using your voice.

However, use apps outside Apple’s ecosystem and problems start to emerge. Even apps with Apple Watch versions, like Twitter, Line, Instagram, and Facebook Messenger, require the phone to be connected to the watch to operate.

**Performance**

Apple Watch Series 3 has a new dual-core processor and the new model is undeniably faster than ever. If you’re used to the Apple Watch Series 1, it’ll be a revelation. It’s smoother and faster to respond, and it zips through multiple apps.

**Fitness**

Apple Watch is a superb fitness, health, and lifestyle tracker. It’s clear, precise, and informative, with many different modes to suit the majority of people. If you just want to know steps and calories burned, the three-ring system works brilliantly. Adding heart rate monitoring is easy, and there are varied tracking options for walking, running, cycling, and swimming. Everything gets collated in the Activity app on your phone, where it’s laid out in an easy-to-understand way.

**Verdict**

The one major new feature of Apple Watch Series 3 - cellular connectivity - isn’t a reason to buy it. But Apple’s Watch was already the best smartwatch you could buy, and the powerful processor, smooth performance and sensible software enhancements have ensured it easily retains that title for the near future.

1. Apple Watch Series 3 has the same \_\_\_\_\_\_\_\_\_ as its predecessors, which helps users perform all attractions with the watch.

A. Apple Watch B. OLED screen C. Apple Watch Series 3 D. e SIM

2. The Series 3 with a built-in e SIM uses the same number as your phone, so it allows connectivity with a \_\_\_\_\_\_\_\_\_\_ to replicate all the usual phone-based activities.

A. responsive touchscreen B. software enhancements C. operation D. cellular network

3. However, the apps which are out of \_\_\_\_\_\_\_ still require the phone to be connected to the watch to operate.

A. tracking options B. Apple’s ecosystem C. superb fitness D. smooth performance

4. The new \_\_\_\_\_\_\_\_ enables the Series 3 to have faster and smoother performance than its predecessors.

A. dual-core processor B. versions C. phone-based activities D. new feature

5. Apple Watch is a fitness tracker which has varied tracking options and \_\_\_\_\_\_\_\_ to fit with many people. They are grouped on your phone, in the Activity app.

A. same number B. different modes C. three-ring system works D. different modes

**Task 4: Read the passage and choose a, b, c or d to answer the questions**

**THE WORLD WIDE WEB: AN OVERVIEW**

The **World Wide Web** (**WWW**), commonly known as **the Web**, is an informative system where documents and other web resources are identified by Uniform Resource Locators (URLs, such as *https://www.example.com/*), which may be interlinked by hypertext, and are accessible over the Internet. The links on a webpage (called hyperlinks) contain the Web address of the webpage that will be displayed if the user clicks on the link. The resources of the WWW may be accessed by users by a software application called a web browser*.*

English scientist Tim Berners-Lee invented the World Wide Web in 1989. He wrote the first web browser in 1990 while employed at CERN near Geneva, Switzerland. The browser was released outside CERN in 1991, first to other research institutions starting in January 1991 and then to the general public in August 1991. The World Wide Web has been central to the development of the Informative Age and is the primary tool billions of people use to interact on the Internet.

Web resources may be any type of downloaded media, but web pages are hypertext media that have been formatted in Hypertext Markup Language (HTML). Such formatting allows for embedded hyperlinks that contain URLs and permit users to navigate to other web resources. In addition to text, web pages may contain images, video, audio, and software components that are rendered in the user’s web browser as coherent pages of multimedia content.

Multiple web resources with a common theme, a common domain name, or both, make up a website. Websites are stored in computers that are running a program called a web server that responds to requests made over the Internet from web browsers running on a user's computer. Website content can be largely provided by a publisher, or interactively where users contribute content or the content depends upon the users or their actions. Websites may be provided for a myriad of informative, entertainment, commercial, governmental, or non-governmental reasons.

1. What are interconnected by hypertext?  
A. Documents and other web resources  
B. Uniform Resource Locators  
C. The Internet  
D. Web servers  
2. What software application allows users to access the Web?  
A. A web resource  
B. A web browser  
C. A hyperlink  
D. A URL  
3. When did the first web browser become publicly available?  
A. In 1990  
B. In January 1991  
C. In August 1991  
D. In 1989  
4. Which markup language are webpages written in?  
A. HTML  
B. CSS  
C. JavaScript  
D. Python  
5. By whom is the website content made?  
A. A publisher  
B. Users  
C. Both A & B are correct  
D. Neither A nor B