Fill in the crossword puzzle by using the clues.

Across

1. An example of ___ ___ ___ ___ ___ ___ ___ ___ __ _ ___ ___ being used in medicine is the mixing of prescription medicine.

2. Health workers in remote areas of the world can communicate with specialists using ___ ___ ___ ___ ___ ___ ___ ___ and satellites.

3. Videoconferencing, transmission of still images, e-health including patient portals, remote monitoring of vital signs, continuing medical education and nursing call centers are all considered part of telemedicine and ___ ___ ___ ___ ___ ___ ___ ___ ___ ___.
4. Medical related images and simulations available to educate patients is an example of ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ medical education.

5. ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ sending out x-rays to be reviewed by specialists outside of the hospital is an example of telemedicine.

6. Telemedicine is the use of medical information exchange from one site to another via ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ communication.

7. The designed world is the product of a ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ process, which provides ways to turn resources - materials, tools and machines, people, information, energy, capital, and time - into products and services.

Down

1. ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ reflects the convergence of technological advances in a number of fields.

2. ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ is not considered part of telemedicine.

3. People in remote areas using ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ systems, including webcams, to speak with doctors in another region regarding their health concerns is an example of telemedicine.

4. These ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ advances in telemedicine include the following fields: medicine, telecommunications, virtual presence, computer engineering, informatics, artificial intelligence, robotics, materials science, and perceptual psychology.

5. Telemedicine allows hospitals to optimize the use of their personnel by allowing outside ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ to view patient x-rays.

6. Telemedicine is the use of ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ information exchanged from one site to another via electronic communications to improve patients' health status.

7. The ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ of health data, such as cholesterol levels, in a database for access by doctors and patients.

Select your answers from the following words:

- continuing
- Telemedicine
- electronic
- monitoring
- medical
- Word processing
- design
- Doctors
- technological
- mathematics
- specialists
- telehealth
- webcams
- communication
Fill in the blanks in these sentences with the word that fits.

1. The designed world is the product of a ___ ___ ___ ___ ___ ___ process, which provides ways to turn resources - materials, tools and machines, people, information, energy, capital, and time - into products and services.

2. ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ reflects the convergence of technological advances in a number of fields.

3. These ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ advances in telemedicine include the following fields: medicine, telecommunications, virtual presence, computer engineering, informatics, artificial intelligence, robotics, materials science, and perceptual psychology.

4. Telemedicine is the use of ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ information exchanged from one site to another via electronic communications to improve patients' health status.

5. Videoconferencing, transmission of still images, e-health including patient portals, remote monitoring of vital signs, continuing medical education and nursing call centers are all considered part of telemedicine and ___ ___ ___ ___ ___ ___ ___ ___.

6. ___ ___ ___ ___ ___ ___ ___ ___ ___ sending out x-rays to be reviewed by specialists outside of the hospital is an example of telemedicine.

7. People in remote areas using ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ systems, including webcams, to speak with doctors in another region regarding their health concerns is an example of telemedicine.

8. The ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ of health data, such as cholesterol levels, in a database for access by doctors and patients.

9. Telemedicine is the use of medical information exchange from one site to another via ___ ___ ___ ___ ___ ___ ___ ___ ___ communication.

10. ___ ___ ___ ___ ___ ___ ___ ___ ___ is not considered part of telemedicine.

11. Medical related images and simulations available to educate patients is an example of ___ ___ ___ ___ ___ ___ ___ ___ medical education.

12. Telemedicine allows hospitals to optimize the use of their personnel by allowing outside ___ ___ ___ ___ ___ ___ ___ ___ ___ to view patient x-rays.

13. Health workers in remote areas of the world can communicate with specialists using ___ ___ ___ ___ ___ ___ ___ and satellites.

14. An example of ___ ___ ___ ___ ___ ___ ___ ___ ___ being used in medicine is the mixing of prescription medicine.

Select your answers from the following words:

- mathematics
- medical
- communication
- technological
- telehealth
- design
- electronic
- Doctors
- continuing
- monitoring
- specialists
- webcams
- Word processing
- Telemedicine
Fill in the blank with the letter next to the word that best completes the sentence.

1. An example of ________ being used in medicine is the mixing of prescription medicine.  
a. monitoring

2. _________ is not considered part of telemedicine.  
b. technological

3. Medical related images and simulations available to educate patients is an example of ________ medical education.  
c. Telemedicine

4. Videoconferencing, transmission of still images, e-health including patient portals, remote monitoring of vital signs, continuing medical education and nursing call centers are all considered part of telemedicine and ________.

d. Word processing

e. telehealth

5. These ________ advances in telemedicine include the following fields: medicine, telecommunications, virtual presence, computer engineering, informatics, artificial intelligence, robotics, materials science, and perceptual psychology.  
f. continuing

g. specialists

6. Telemedicine is the use of medical information exchange from one site to another via ________ communication.  

f. continuing

7. Telemedicine is the use of ________ information exchanged from one site to another via electronic communications to improve patients' health status.  

g. specialists

8. The ________ of health data, such as cholesterol levels, in a database for access by doctors and patients.  
h. Doctors

9. ________ reflects the convergence of technological advances in a number of fields.  
i. electronic

10. ________ sending out x-rays to be reviewed by specialists outside of the hospital is an example of telemedicine.  
j. medical

11. The designed world is the product of a ________ process, which provides ways to turn resources - materials, tools and machines, people, information, energy, capital, and time - into products and services.  
k. communication

12. People in remote areas using ________ systems, including webcams, to speak with doctors in another region regarding their health concerns is an example of telemedicine.  
l. design

13. Telemedicine allows hospitals to optimize the use of their personnel by allowing outside ________ to view patient x-rays.  
m. webcams

14. Health workers in remote areas of the world can communicate with specialists using ________ and satellites.  
n. mathematics
Try to find the hidden words.

```
E B M V M A T H E M A T I C S W N J G V W X
L D R T H P M D O C T O R S U R S B H C E N
E C O M M U N I C A T I O N K R A C F V H U
C N D E S I G N W H X A X B S E B X H K I C
T Y H H W O H J Q Y A C L J A Y P S H P Z Q
R N F M A W O R D P R O C E S S I N G A E O
O B M T B M N S J X M E D I C A L Q B L M Y
N E W E B C A M S B Z P Q Q Z U D O G O J A
C C H E V E G F F P Q M O E L H O Z C W G B
S K E M C L G A O D E Q O M G B I R V J Y M
X V L E M E A R O L M C I N O F J E A F M T
E D G D T H I B O B N D I P I L E W I C F S
I U C I G E Z W N Z X C R A T T P M G O N I
F E Z C S A P X V E Y B A A L Y O F I N I W
O S T I Y L R A M U O I S Y J I N R B T V F
S L S N X T V U K W K D E X U Q S I I I I Q R
F B T E C H N O L O G I C A L Y I T G N C E
H Q M M Q C E U X K V T X W K K V C S U G U
C Z L A U J H F J J Q M O R N L V K W I X H
B K U C O P J K W O R F A T B W X P A N O C
W W X R A T E A G Y Q U C W J R S M B G T K
```

Select from the following words:

- technological
- medical
- monitoring
- Word processing
- communications
- Telemedicine
- doctors
- electronic
- webcams
- continuing
- specialists
- design